ATTACHMENT MU1 4-2

Groundwater Quality Laboratory Results (electronic dataset)



ANALYTICAL SUMMARY REPORT

June 09, 2009

UR Energy USA Inc 10758 W Centennial Rd Ste 200 Ken Caryl Ranch, CO 80127

Workorder No.: C09040674

Quote ID: C2998 - Baseline Monitoring

Project Name:

Lost Creek

Energy Laboratories, Inc. received the following 22 samples for UR Energy USA Inc on 4/21/2009 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|--------------|------------------|----------------|--------------|---------|--|
| C09040674-00 | 01 M-101 | 04/20/09 00:00 | 04/21/09 | Aqueous | Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved |
| C09040674-00 | 02 M-102 | 04/20/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040674-00 | 03 M-103 | 04/20/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040674-00 | 04 M-104 | 04/20/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040674-00 | 05 M-105 | 04/20/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040674-00 | 06 M-106 | 04/20/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040674-00 | 07 M-107 | 04/20/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040674-00 | 08 M-108 | 04/20/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040674-00 | 09 M-109 | 04/20/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040674-01 | 10 M-110 | 04/20/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040674-01 | 11 M-111 | 04/20/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040674-01 | 12 M-112 | 04/20/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040674-01 | 13 M-113 | 04/20/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040674-01 | 14 M-114 | 04/20/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040674-01 | 15 M-115 | 04/20/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040674-01 | 16 M-116 | 04/20/09 00:00 | 04/21/09 | Aqueous | Same As Above |



ANALYTICAL SUMMARY REPORT

| C09040674-017 M-117 | 04/20/09 00:00 04/21/09 | Aqueous | Same As Above |
|---------------------|-------------------------|---------|---------------|
| C09040674-018 M-118 | 04/20/09 00:00 04/21/09 | Aqueous | Same As Above |
| C09040674-019 M-120 | 04/20/09 00:00 04/21/09 | Aqueous | Same As Above |
| C09040674-020 M-121 | 04/20/09 00:00 04/21/09 | Aqueous | Same As Above |
| C09040674-021 M-129 | 04/20/09 00:00 04/21/09 | Aqueous | Same As Above |
| C09040674-022 M-130 | 04/20/09 00:00 04/21/09 | Aqueous | Same As Above |

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Styphanie Waldrep



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-001

Client Sample ID: M-101

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 51 | mg/L | | 1 | | A2320 B | 04/24/09 17:41 / ljl |
| Carbonate as CO3 | 1 | mg/L | | 1 | | A2320 B | 04/24/09 17:41 / ljl |
| Bicarbonate as HCO3 | 60 | mg/L | | 1 | | A2320 B | 04/24/09 17:41 / ljl |
| Calcium | 76 | mg/L | | 1 | | E200.7 | 04/23/09 18:18 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/27/09 18:14 / Iji |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 04/24/09 09:58 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 04/23/09 18:18 / cp |
| Nitrogen, Ammonia as N | 0.15 | mg/L | | 0.05 | | E350.1 | 04/23/09 12:33 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 11:05 / eli-b |
| Potassium | 9 | mg/L | | 1 | | E200.7 | 04/23/09 18:18 / cp |
| Silica | 11.5 | mg/L | | 0.2 | | E200.7 | 04/23/09 18:18 / cp |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 04/23/09 18:18 / cp |
| Sulfate | 227 | mg/L | | 1 | | E300.0 | 04/27/09 18:14 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 590 | umhos/cm | | 1 | | A2510 B | 04/21/09 15:05 / dd |
| pH | 8.55 | s.u. | | 0.01 | | A4500-H B | 04/21/09 15:05 / dd |
| Solids, Total Dissolved TDS @ 180 C | 405 | mg/L | | 10 | | A2540 C | 04/21/09 15:26 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:18 / cp |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 04/24/09 22:24 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:18 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:18 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/24/09 22:24 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 18:18 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 04/24/09 22:24 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 18:18 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 22:24 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 04/23/09 18:18 / cp |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 22:24 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/24/09 22:24 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 18:18 / cp |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 22:24 / ts |
| Uranium | 0.0389 | mg/L | | 0.0003 | | E200.8 | 04/24/09 22:24 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:18 / cp |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/05/09 08:22 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/24/09 14:16 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 15:09 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-001

Client Sample ID: M-101

Report Date: 06/09/09 Collection Date: 04/20/09

DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 428 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Alpha precision (±) | 9.2 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta | 138 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta precision (±) | 3.2 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Radium 226 | 132 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 226 precision (±) | 2.0 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 226 MDC | 0.14 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 228 | 5.1 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.96 | % | | | | Calculation | 04/30/09 10:06 / kbh |
| Anions | 5.91 | meq/L | | | | Calculation | 04/30/09 10:06 / kbh |
| Cations | 5.57 | meq/L | | | | Calculation | 04/30/09 10:06 / kbh |
| Solids, Total Dissolved Calculated | 396 | mg/L | | | | Calculation | 04/30/09 10:06 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | | | | | Calculation | 04/30/09 10:06 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-002

Client Sample ID: M-102

Report Date: 06/09/09

Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 129 | mg/L | | 1 | | A2320 B | 04/24/09 17:48 / Ijl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/24/09 17:48 / Ijl |
| Bicarbonate as HCO3 | 157 | mg/L | | 1 | | A2320 B | 04/24/09 17:48 / ljl |
| Calcium | 112 | mg/L | | 1 | | E200.7 | 04/23/09 18:22 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/27/09 19:01 / lil |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 04/24/09 10:01 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 04/23/09 18:22 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/23/09 12:34 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 11:01 / eli-b |
| Potassium | 6 | mg/L | | 1 | | E200.7 | 04/23/09 18:22 / cp |
| Silica | 13.5 | mg/L | | 0.2 | | E200.7 | 04/23/09 18:22 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 04/23/09 18:22 / cp |
| Sulfate | 255 | mg/L | | 1 | | E300.0 | 04/27/09 19:01 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 753 | umhos/cm | | 1 | | A2510 B | 04/21/09 15:08 / dd |
| pH | 7.85 | s.u. | | 0.01 | | A4500-H B | 04/21/09 15:08 / dd |
| Solids, Total Dissolved TDS @ 180 C | 520 | mg/L | | 10 | | A2540 C | 04/21/09 15:26 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:22 / cp |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 04/24/09 22:31 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:22 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:22 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/24/09 22:31 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 18:22 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 04/24/09 22:31 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 18:22 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 22:31 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 04/23/09 18:22 / cp |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 22:31 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/24/09 22:31 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 18:22 / cp |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 22:31 / ts |
| Uranium | 0.0369 | mg/L | (| 0.0003 | | E200.8 | 04/24/09 22:31 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:22 / cp |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 05/05/09 08:28 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/24/09 14:34 / rdw |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.7 | 05/07/09 15:13 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-002

Client Sample ID: M-102

Report Date: 06/09/09 Collection Date: 04/20/09

DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 65.7 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Alpha precision (±) | 4.3 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta | 23.1 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta precision (±) | 2.2 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta MDC | 3.0 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Radium 226 | 2.4 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 226 precision (±) | 0.28 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 226 MDC | 0.14 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 228 | 2.2 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.57 | % | | | | Calculation | 04/30/09 10:07 / kbh |
| Anions | 8.04 | meq/L | | | | Calculation | 04/30/09 10:07 / kbh |
| Cations | 7.49 | meq/L | | | | Calculation | 04/30/09 10:07 / kbh |
| Solids, Total Dissolved Calculated | 509 | mg/L | | | | Calculation | 04/30/09 10:07 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | | | | | Calculation | 04/30/09 10:07 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-003

Client Sample ID: M-103

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|-------------|--------------|------------|---------------|-------------|------------------|--|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 143 | mg/L | | 1 | | A2320 B | 04/24/09 18:10 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/24/09 18:10 / ljl |
| Bicarbonate as HCO3 | 174 | mg/L | | 1 | | A2320 B | 04/24/09 18:10 / ljl |
| Calcium | 133 | mg/L | | 1 | | E200.7 | 04/23/09 18:26 / cp |
| Chloride | 7 | mg/L | | 1 | | E300.0 | 04/27/09 19:16 / ljl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 04/24/09 10:10 / ljl |
| Magnesium | 6 | mg/L | | 1 | | E200.7 | 04/23/09 18:26 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/23/09 12:35 / eli-l |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 11:13 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 04/23/09 18:26 / cp |
| Silica | 14.2 | mg/L | | 0.2 | | E200.7 | 04/23/09 18:26 / cp |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 04/23/09 18:26 / cp |
| Sulfate | 293 | mg/L | | 1 | | E300.0 | 04/27/09 19:16 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 852 | umhos/cm | | 1 | | A2510 B | 04/21/09 15:10 / dd |
| pH | 7.77 | s.u. | | 0.01 | | A4500-H B | 04/21/09 15:10 / dd |
| Solids, Total Dissolved TDS @ 180 C | 609 | mg/L | | 10 | | A2540 C | 04/21/09 15:26 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:26 / cp |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 04/24/09 22:51 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:26 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:26 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/24/09 22:51 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 18:26 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 04/24/09 22:51 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 18:26 / cp |
| | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 22:51 / ts |
| Lead | 0.03 | mg/L | | 0.01 | | E200.7 | 04/23/09 18:26 / cp |
| Manganese Moreum | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 22:51 / ts |
| Mercury | ND | | | 0.001 | | E200.8 | 04/24/09 22:51 / ts |
| Molybdenum | | mg/L | | 0.05 | | E200.8 E200.7 | 04/23/09 18:26 / cp |
| Nickel | ND 0.020 | mg/L | | | | | • |
| Selenium | 0.029 | mg/L | | 0.001 | | E200.8 | 04/24/09 22:51 / ts 04/24/09 22:51 / ts |
| Uranium | 0.559 ND | mg/L mg/L | | 0.0003 0.1 | | E200.8 E200.7 | 04/23/09 18:26 / cp |
| Vanadium Zinc | ND ND | mg/L | | 0.1 | | E200.7 E200.8 | 05/05/09 08:35 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/05/09 01:41 / rdw |
| Manganese | 0.03 | mg/L | D | 0.02 | | E200.7 | 05/05/09 01:41 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-003

Client Sample ID: M-103

Report Date: 06/09/09

Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 461 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Alpha precision (±) | 11.8 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Alpha MDC | 2.2 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta | 130 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta precision (±) | 3.8 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta MDC | 3.4 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Radium 226 | 1.4 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 226 precision (±) | 0.22 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 228 | 2.2 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.66 | % | | | | Calculation | 04/30/09 10:07 / kbh |
| Anions | 9.16 | meq/L | | | | Calculation | 04/30/09 10:07 / kbh |
| Cations | 8.52 | meq/L | | | | Calculation | 04/30/09 10:07 / kbh |
| Solids, Total Dissolved Calculated | 577 | mg/L | | | | Calculation | 04/30/09 10:07 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | - | | | | Calculation | 04/30/09 10:07 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-004

Client Sample ID: M-104

Report Date: 06/09/09

Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 136 | mg/L | | 1 | | A2320 B | 04/24/09 18:17 / IjI |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/24/09 18:17 / ljl |
| Bicarbonate as HCO3 | 166 | mg/L | | 1 | | A2320 B | 04/24/09 18:17 / ljl |
| Calcium | 134 | mg/L | | 1 | | E200.7 | 04/23/09 18:30 / cp |
| Chloride | 11 | mg/L | | 1 | | E300.0 | 04/27/09 19:32 / ljl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 04/24/09 10:13 / ljl |
| Magnesium | 5 | mg/L | | 1 | | E200.7 | 04/23/09 18:30 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/23/09 12:36 / eli-t |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 11:14 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 04/23/09 18:30 / cp |
| Silica | 14.9 | mg/L | | 0.2 | | E200.7 | 04/23/09 18:30 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 04/23/09 18:30 / cp |
| Sulfate | 277 | mg/L | | 1 | | E300.0 | 04/27/09 19:32 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 822 | umhos/cm | | 1 | | A2510 B | 04/21/09 15:13 / dd |
| pH | 7.97 | s.u. | | 0.01 | | A4500-H B | 04/21/09 15:13 / dd |
| Solids, Total Dissolved TDS @ 180 C | 578 | mg/L | | 10 | | A2540 C | 04/21/09 15:27 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:30 / cp |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 04/24/09 22:58 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:30 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:30 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/24/09 22:58 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 18:30 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 04/24/09 22:58 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 18:30 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 22:58 / ts |
| Manganese | 0.04 | mg/L | | 0.01 | | E200.7 | 04/23/09 18:30 / cp |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 22:58 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/24/09 22:58 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 18:30 / cp |
| Selenium | 0.033 | mg/L | | 0.001 | | E200.8 | 04/24/09 22:58 / ts |
| Uranium | 0.571 | mg/L | | 0.0003 | | E200.8 | 04/24/09 22:58 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:30 / cp |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/05/09 08:41 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/24/09 14:38 / rdw |
| Manganese | 0.04 | mg/L | | 0.01 | | E200.7 | 05/07/09 15:17 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-004

Client Sample ID: M-104

Report Date: 06/09/09

Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| Analyses | Nesuit | Onits | Qualifiers | KL | QCL | Method | Allalysis Date / Dy |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 587 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Alpha precision (±) | 12.7 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Alpha MDC | 2.4 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Beta | 220 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Beta precision (±) | 4.7 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Beta MDC | 3.5 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Radium 226 | 2.5 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 226 precision (±) | 0.29 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 228 | 2.8 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.89 | % | | | | Calculation | 04/30/09 10:08 / kbh |
| Anions | 8.81 | meq/L | | | | Calculation | 04/30/09 10:08 / kbh |
| Cations | 8.49 | meq/L | | | | Calculation | 04/30/09 10:08 / kbh |
| Solids, Total Dissolved Calculated | 562 | mg/L | | | | Calculation | 04/30/09 10:08 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | - | | | | Calculation | 04/30/09 10:08 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-005

Client Sample ID: M-105

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 131 | mg/L | | 1 | | A2320 B | 04/24/09 18:24 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/24/09 18:24 / ljl |
| Bicarbonate as HCO3 | 160 | mg/L | | 1 | | A2320 B | 04/24/09 18:24 / ljl |
| Calcium | 114 | mg/L | | 1 | | E200.7 | 04/23/09 18:34 / cp |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 04/27/09 20:18 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 04/24/09 10:16 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 04/23/09 18:34 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/23/09 12:37 / eli-k |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 11:21 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 04/23/09 18:34 / cp |
| Silica | 13.4 | mg/L | | 0.2 | | E200.7 | 04/23/09 18:34 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 04/23/09 18:34 / cp |
| Sulfate | 239 | mg/L | | 1 | | E300.0 | 04/27/09 20:18 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 727 | umhos/cm | | 1 | | A2510 B | 04/21/09 15:16 / dd |
| pH | 7.66 | s.u. | | 0.01 | | A4500-H B | 04/21/09 15:16 / dd |
| Solids, Total Dissolved TDS @ 180 C | 507 | mg/L | | 10 | | A2540 C | 04/21/09 15:27 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:34 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 23:32 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:34 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:34 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/24/09 23:32 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 18:34 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 04/24/09 23:32 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 18:34 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 23:32 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 04/23/09 18:34 / cp |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 23:32 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/24/09 23:32 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 18:34 / cp |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 23:32 / ts |
| Uranium | 0.0813 | mg/L | | 0.0003 | | E200.8 | 04/24/09 23:32 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:34 / cp |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/05/09 08:48 / sm |
| METALS - TOTAL | | | | | | | |
| Iron | 0.07 | mg/L | D | 0.07 | | E200.7 | 05/07/09 15:21 / cp |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.7 | 05/07/09 15:21 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-005

Client Sample ID: M-105

Report Date: 06/09/09

Collection Date: 04/20/09

DateReceived: 04/21/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|---------|-------|------------|----|-------------|-------------|-----------------------|
| | 1100011 | Onits | Qualifiers | | | | Talalyolo Dato / Dy |
| RADIONUCLIDES - DISSOLVED | 507 | 0.0 | | | | = | 0.5/0.5/0.5 0.4 4.5 4 |
| Gross Alpha | 537 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Alpha precision (±) | 11.7 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta | 114 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta precision (±) | 3.2 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Radium 226 | 228 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 226 precision (±) | 2.6 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 226 MDC | 0.14 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 228 | 7.0 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.91 | % | | | | Calculation | 04/30/09 10:08 / kbh |
| Anions | 7.75 | meq/L | | | | Calculation | 04/30/09 10:08 / kbh |
| Cations | 7.46 | meq/L | | | | Calculation | 04/30/09 10:08 / kbh |
| Solids, Total Dissolved Calculated | 492 | mg/L | | | | Calculation | 04/30/09 10:08 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | | | | | Calculation | 04/30/09 10:08 / kbh |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-006

Client Sample ID: M-106

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|--------------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | . <u>-</u> . | | | | | |
| Alkalinity, Total as CaCO3 | 128 | mg/L | | 1 | | A2320 B | 04/24/09 18:32 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/24/09 18:32 / ljl |
| Bicarbonate as HCO3 | 156 | mg/L | | 1 | | A2320 B | 04/24/09 18:32 / ljl |
| Calcium | 107 | mg/L | | 1 | | E200.7 | 04/23/09 18:39 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/27/09 20:33 / Ijl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 04/24/09 10:19 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 04/23/09 18:39 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/23/09 12:39 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 11:23 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 04/23/09 18:39 / cp |
| Silica | 13.2 | mg/L | | 0.2 | | E200.7 | 04/23/09 18:39 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 04/23/09 18:39 / cp |
| Sulfate | 229 | mg/L | | 1 | | E300.0 | 04/27/09 20:33 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 709 | umhos/cm | | 1 | | A2510 B | 04/21/09 15:18 / dd |
| pH | 7.84 | s.u. | | 0.01 | | A4500-H B | 04/21/09 15:18 / dd |
| Solids, Total Dissolved TDS @ 180 C | 491 | mg/L | | 10 | | A2540 C | 04/21/09 15:28 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:39 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 23:39 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:39 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:39 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/24/09 23:39 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 18:39 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 04/24/09 23:39 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 18:39 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 23:39 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 04/23/09 18:39 / cp |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 23:39 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/24/09 23:39 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 18:39 / cp |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 23:39 / ts |
| Uranium | 0.0498 | mg/L | | 0.0003 | | E200.8 | 04/24/09 23:39 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:39 / cp |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/05/09 08:54 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 0.99 | mg/L | | 0.03 | | E200.7 | 05/05/09 01:46 / rdw |
| Manganese | 0.02 | mg/L | D | 0.02 | | E200.7 | 05/05/09 01:46 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-006

Client Sample ID: M-106

Report Date: 06/09/09 Collection Date: 04/20/09

DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | · | | |
| Gross Alpha | 71.3 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Alpha precision (±) | 4.3 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta | 26.3 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta precision (±) | 2.1 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Radium 226 | 11 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 226 precision (±) | 0.58 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 228 | 4.3 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.47 | % | | | | Calculation | 04/30/09 10:09 / kbh |
| Anions | 7.48 | meq/L | | | | Calculation | 04/30/09 10:09 / kbh |
| Cations | 7.12 | meq/L | | | | Calculation | 04/30/09 10:09 / kbh |
| Solids, Total Dissolved Calculated | 473 | mg/L | | | | Calculation | 04/30/09 10:09 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | = | | | | Calculation | 04/30/09 10:09 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-007

Client Sample ID: M-107

Report Date: 06/09/09

Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 67 | mg/L | | 1 | | A2320 B | 04/24/09 18:47 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/24/09 18:47 / ljl |
| Bicarbonate as HCO3 | 82 | mg/L | | 1 | | A2320 B | 04/24/09 18:47 / ljl |
| Calcium | 84 | mg/L | | 1 | | E200.7 | 04/23/09 18:51 / cp |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 04/27/09 20:49 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 04/24/09 10:22 / lji |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 04/23/09 18:51 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/23/09 12:46 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 11:18 / eli-b |
| Potassium | 14 | mg/L | | 1 | | E200.7 | 04/23/09 18:51 / cp |
| Silica | 12.6 | mg/L | | 0.2 | | E200.7 | 04/23/09 18:51 / cp |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 04/23/09 18:51 / cp |
| Sulfate | 222 | mg/L | | 1 | | E300.0 | 04/27/09 20:49 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 620 | umhos/cm | | 1 | | A2510 B | 04/21/09 15:24 / dd |
| Н | 8.37 | s.u. | | 0.01 | | A4500-H B | 04/21/09 15:24 / dd |
| Solids, Total Dissolved TDS @ 180 C | 424 | mg/L | | 10 | | A2540 C | 04/21/09 15:28 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:51 / cp |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 04/24/09 23:45 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:51 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:51 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/24/09 23:45 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 18:51 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 04/24/09 23:45 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 18:51 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 23:45 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 04/23/09 18:51 / cp |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 23:45 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/24/09 23:45 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 18:51 / cp |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/24/09 23:45 / ts |
| Uranium | 0.0391 | mg/L | | 0.0003 | | E200.8 | 04/24/09 23:45 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 18:51 / cp |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/05/09 09:27 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/05/09 01:51 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/05/09 01:51 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-007

Client Sample ID: M-107

Report Date: 06/09/09

Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 68.5 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Alpha precision (±) | 3.9 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta | 33.1 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 05/07/09 04:17 / cgr |
| Radium 226 | 4.7 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 226 precision (±) | 0.40 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/14/09 16:59 / jah |
| Radium 228 | 2.0 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.214 | % | | | | Calculation | 04/30/09 10:09 / kbh |
| Anions | 6.16 | meq/L | | | | Calculation | 04/30/09 10:09 / kbh |
| Cations | 6.18 | meq/L | | | | Calculation | 04/30/09 10:09 / kbh |
| Solids, Total Dissolved Calculated | 418 | mg/L | | | | Calculation | 04/30/09 10:09 / kbh |
| TDS Balance (0.80 - 1.20) | 1.01 | - | | | | Calculation | 04/30/09 10:09 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-008

Client Sample ID: M-108

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------------|--------------|------------|--------|-------------|--------------------|-----------------------|
| MAJOR IONS | | - | | | | | |
| Alkalinity, Total as CaCO3 | 122 | mg/L | | 1 | | A2320 B | 04/24/09 18:54 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/24/09 18:54 / ljl |
| Bicarbonate as HCO3 | 149 | mg/L | | 1 | | A2320 B A2320 B | 04/24/09 18:54 / ljl |
| | 96 | - | | 1 | | E200.7 | 04/23/09 19:11 / cp |
| Calcium | 6 | mg/L | | 1 | | E300.7 | 04/27/09 21:04 / ljl |
| Chloride | | mg/L | | 0.1 | | A4500-F C | 04/24/09 10:24 / ljl |
| Fluoride | 0.1 | mg/L | | | | | • |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 04/23/09 19:11 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/23/09 12:42 / eli- |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 11:24 / eli- |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 04/23/09 19:11 / cp |
| Silica | 13.7 | mg/L | | 0.2 | | E200.7 | 04/23/09 19:11 / cp |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 04/23/09 19:11 / cp |
| Sulfate | 191 | mg/L | | 1 | | E300.0 | 04/27/09 21:04 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 628 | umhos/cm | | 1 | | A2510 B | 04/21/09 15:26 / dd |
| pH | 7.89 | s.u. | | 0.01 | | A4500-H B | 04/21/09 15:26 / dd |
| Solids, Total Dissolved TDS @ 180 C | 423 | mg/L | | 10 | | A2540 C | 04/21/09 15:29 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:11 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 00:12 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:11 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:11 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 00:12 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 19:11 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 07:11 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 19:11 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 00:12 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 04/23/09 19:11 / cp |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 00:12 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 00:12 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 19:11 / cp |
| | ND | - | | 0.001 | | E200.8 | 04/25/09 00:12 / ts |
| Selenium | טא 0.0156 | mg/L | | 0.0003 | | E200.8 | 04/25/09 00:12 / ts |
| Uranium Vanadium | 0.0156 ND | mg/L | | 0.0003 | | E200.8 E200.7 | 04/23/09 19:11 / cp |
| Vanadium Zinc | ND ND | mg/L mg/L | | 0.01 | | E200.7 E200.8 | 05/05/09 09:34 / sm |
| METALS - TOTAL | | | | | | | |
| Iron | 0.10 | mg/L | | 0.03 | | E200.7 | 05/05/09 01:56 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/05/09 01:56 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client: UR Energy USA Inc Project: Lost Creek Lab ID: C09040674-008

Client Sample ID: M-108

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 49.7 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha precision (±) | 3.5 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta | 18.5 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Radium 226 | 9.0 | pCi/L | | | | E903.0 | 05/15/09 01:05 / jah |
| Radium 226 precision (±) | 0.52 | pCi/L | | | | E903.0 | 05/15/09 01:05 / jah |
| Radium 226 MDC | 0.14 | pCi/L | | | | E903.0 | 05/15/09 01:05 / jah |
| Radium 228 | 5.8 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.936 | % | | | | Calculation | 04/30/09 10:10 / kbh |
| Anions | 6.59 | meg/L | | | | Calculation | 04/30/09 10:10 / kbh |
| Cations | 6.46 | meq/L | | | | Calculation | 04/30/09 10:10 / kbh |
| Solids, Total Dissolved Calculated | 420 | mg/L | | | | Calculation | 04/30/09 10:10 / kbh |
| TDS Balance (0.80 - 1.20) | 1.01 | - | | | | Calculation | 04/30/09 10:10 / kbh |

Report Definitions:

RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-009

Client Sample ID: M-109

Report Date: 06/09/09 Collection Date: 04/20/09

DateReceived: 04/21/09

Matrix: Aqueous

MCL/ **Analyses** Result Units Qualifiers QCL Method Analysis Date / By RL **MAJOR IONS** Alkalinity, Total as CaCO3 86 mg/L 1 A2320 B 04/24/09 19:02 / lil Carbonate as CO3 1 1 A2320 B mg/L 04/24/09 19:02 / ljl 103 Bicarbonate as HCO3 mg/L 1 A2320 B 04/24/09 19:02 / ljl Calcium 60 E200.7 mg/L 1 04/23/09 19:15 / cp Chloride 5 E300.0 mg/L 1 04/27/09 21:19 / ljl Fluoride 0.2 mg/L 0.1 A4500-F C 04/24/09 10:37 / ljl Magnesium 3 mg/L 1 E200.7 04/23/09 19:15 / cp Nitrogen, Ammonia as N ND 0.05 mg/L E350.1 04/23/09 12:47 / eli-b Nitrogen, Nitrate+Nitrite as N ND 0.05 mg/L E353.2 04/23/09 11:25 / eli-b 6 Potassium mg/L 1 E200.7 04/23/09 19:15 / cp Silica 11.3 mg/L 0.2 E200.7 04/23/09 19:15 / cp Sodium 30 mg/L 1 E200.7 04/23/09 19:15 / cp Sulfate 144 mg/L 1 E300.0 04/27/09 21:19 / Ijl PHYSICAL PROPERTIES Conductivity 483 umhos/cm A2510 B 04/21/09 15:29 / dd 1 8.30 0.01 A4500-H B 04/21/09 15:29 / dd pΗ s.u. Solids, Total Dissolved TDS @ 180 C 322 10 A2540 C 04/21/09 15:29 / rp mg/L **METALS - DISSOLVED** ND **Aluminum** mg/L 0.1 E200.7 04/23/09 19:15 / cp Arsenic 0.002 0.001 mg/L E200.8 04/25/09 00:19 / ts Barium ND mg/L 0.1 E200.7 04/23/09 19:15 / cp Boron ND mg/L 0.1 E200.7 04/23/09 19:15 / cp Cadmium ND 0.005 mg/L E200.8 04/25/09 00:19 / ts Chromium ND 0.05 mg/L E200.7 04/23/09 19:15 / cp ND Copper mg/L 0.01 E200.8 05/01/09 07:18 / ts Iron ND mg/L 0.03 E200.7 04/23/09 19:15 / cp ND 0.001 E200.8 Lead mg/L 04/25/09 00:19 / ts ND 0.01 E200.7 Manganese mg/L 04/23/09 19:15 / cp ND Mercury mg/L 0.001 E200.8 04/25/09 00:19 / ts ND Molybdenum mg/L 0.1 E200.8 04/25/09 00:19 / ts Nickel ND mg/L 0.05 E200.7 04/23/09 19:15 / cp Selenium ND 0.001 mg/L E200.8 04/25/09 00:19 / ts Uranium 0.0182 mg/L 0.0003 E200.8 04/25/09 00:19 / ts Vanadium ND 0.1 E200.7 mg/L 04/23/09 19:15 / cp Zinc ND mg/L 0.01 E200.8 05/05/09 09:40 / sml **METALS - TOTAL** Iron ND mg/L 0.03 E200.7 04/24/09 14:47 / rdw Manganese ND mg/L 0.01 E200.7 05/07/09 15:37 / cp

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-009

Client Sample ID: M-109

Report Date: 06/09/09

Collection Date: 04/20/09

DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 47.1 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha precision (±) | 3.0 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta | 24.3 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Radium 226 | 12 | pCi/L | | | | E903.0 | 05/15/09 01:05 / jah |
| Radium 226 precision (±) | 0.60 | pCi/L | | | | E903.0 | 05/15/09 01:05 / jah |
| Radium 226 MDC | 0.14 | pCi/L | | | | E903.0 | 05/15/09 01:05 / jah |
| Radium 228 | 3.6 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.79 | % | | | | Calculation | 04/30/09 10:10 / kbh |
| Anions | 4.88 | meq/L | | | | Calculation | 04/30/09 10:10 / kbh |
| Cations | 4.71 | meq/L | | | | Calculation | 04/30/09 10:10 / kbh |
| Solids, Total Dissolved Calculated | 315 | mg/L | | | | Calculation | 04/30/09 10:10 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | - | | | | Calculation | 04/30/09 10:10 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-010

Client Sample ID: M-110

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 110 | mg/L | | 1 | | A2320 B | 04/24/09 19:09 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/24/09 19:09 / ljl |
| Bicarbonate as HCO3 | 134 | mg/L | | 1 | | A2320 B | 04/24/09 19:09 / ljl |
| Calcium | 72 | mg/L | | 1 | | E200.7 | 04/23/09 19:19 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/27/09 21:35 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 10:39 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 04/23/09 19:19 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/23/09 12:48 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 11:26 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 04/23/09 19:19 / cp |
| Silica | 11.9 | mg/L | | 0.2 | | E200.7 | 04/23/09 19:19 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 04/23/09 19:19 / cp |
| Sulfate | 149 | mg/L | | 1 | | E300.0 | 04/27/09 21:35 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 539 | umhos/cm | | 1 | | A2510 B | 04/21/09 15:31 / dd |
| pH | 7.94 | s.u. | | 0.01 | | A4500-H B | 04/21/09 15:31 / dd |
| Solids, Total Dissolved TDS @ 180 C | 356 | mg/L | | 10 | | A2540 C | 04/21/09 15:29 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:19 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 00:26 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:19 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:19 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 00:26 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 19:19 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 07:52 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 19:19 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 00:26 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 04/23/09 19:19 / cp |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 00:26 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 00:26 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 19:19 / cp |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 00:26 / ts |
| Uranium | 0.168 | mg/L | | 0.0003 | | E200.8 | 04/25/09 00:26 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:19 / cp |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/05/09 09:47 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 0.06 | mg/L | | 0.03 | | E200.7 | 05/05/09 02:01 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/05/09 02:01 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

Client Sample ID: M-110

C09040674-010

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 220 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha precision (±) | 6.6 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta | 71.9 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta precision (±) | 2.5 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Radium 226 | 41 | pCi/L | | | | E903.0 | 05/15/09 01:05 / jah |
| Radium 226 precision (±) | 1.1 | pCi/L | | | | E903.0 | 05/15/09 01:05 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/15/09 01:05 / jah |
| Radium 228 | 4.8 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/01/09 14:33 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.84 | % | | | | Calculation | 04/30/09 10:11 / kbh |
| Anions | 5.45 | meq/L | | | | Calculation | 04/30/09 10:11 / kbh |
| Cations | 5.26 | meq/L | | | | Calculation | 04/30/09 10:11 / kbh |
| Solids, Total Dissolved Calculated | 343 | mg/L | | | | Calculation | 04/30/09 10:11 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | - | | | | Calculation | 04/30/09 10:11 / kbh |

Report **Definitions:** RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-011

Client Sample ID: M-111

Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

Report Date: 06/09/09

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------------|--------------|------------|--------|-------------|------------------|--|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 115 | mg/L | | 1 | | A2320 B | 04/24/09 19:16 / IjI |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/24/09 19:16 / Ijl |
| Bicarbonate as HCO3 | 141 | mg/L | | 1 | | A2320 B | 04/24/09 19:16 / Ijl |
| Calcium | 75 | mg/L | | 1 | | E200.7 | 04/23/09 19:23 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/27/09 21:50 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 10:43 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 04/23/09 19:23 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/23/09 12:49 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 11:27 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 04/23/09 19:23 / cp |
| Silica | 12.7 | mg/L | | 0.2 | | E200.7 | 04/23/09 19:23 / cp |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 04/23/09 19:23 / cp |
| Sulfate | 152 | mg/L | | 1 | | E300.0 | 04/27/09 21:50 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 557 | umhos/cm | | 1 | | A2510 B | 04/21/09 15:34 / dd |
| pH | 7.96 | s.u. | | 0.01 | | A4500-H B | 04/21/09 15:34 / dd |
| Solids, Total Dissolved TDS @ 180 C | 371 | mg/L | | 10 | | A2540 C | 04/21/09 15:30 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:23 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:00 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:23 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:23 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 01:00 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 19:23 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 07:59 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 19:23 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:00 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 04/23/09 19:23 / cp |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:00 / ts |
| Molybdenum | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:00 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 19:23 / cp |
| Selenium | ND | - | | 0.001 | | E200.7 | 04/25/09 01:00 / ts |
| Uranium | 0.0269 | mg/L mg/L | | 0.001 | | E200.8 | 04/25/09 01:00 / ts |
| Vanadium | 0.0269 ND | mg/L mg/L | ' | 0.0003 | | E200.8 E200.7 | 04/23/09 11:00 / ts 04/23/09 19:23 / cp |
| Zinc | 0.03 | mg/L | | 0.01 | | E200.7 | 05/05/09 13:04 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 0.06 | mg/L | | 0.03 | | E200.7 | 05/05/09 02:06 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/05/09 02:06 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-011

Client Sample ID: M-111

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 48.4 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha precision (±) | 3.2 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta | 19.9 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Radium 226 | 4.5 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 226 precision (±) | 0.38 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 226 MDC | 0.14 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 228 | 5.3 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.72 | % | | | | Calculation | 04/30/09 10:11 / kbh |
| Anions | 5.63 | meq/L | | | | Calculation | 04/30/09 10:11 / kbh |
| Cations | 5.33 | meq/L | | | | Calculation | 04/30/09 10:11 / kbh |
| Solids, Total Dissolved Calculated | 353 | mg/L | | | | Calculation | 04/30/09 10:11 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | - | | | | Calculation | 04/30/09 10:11 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-012

Client Sample ID: M-112

Report Date: 06/09/09
Collection Date: 04/20/09
DateReceived: 04/21/09
Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | • | | | |
| Alkalinity, Total as CaCO3 | 113 | mg/L | | 1 | | A2320 B | 04/24/09 19:23 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/24/09 19:23 / ljl |
| Bicarbonate as HCO3 | 138 | mg/L | | 1 | | A2320 B | 04/24/09 19:23 / ljl |
| Calcium | 73 | mg/L | | 1 | | E200.7 | 04/23/09 19:27 / cp |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 04/27/09 22:36 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 10:45 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 04/23/09 19:27 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/23/09 12:51 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 11:29 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 04/23/09 19:27 / cp |
| Silica | 12.2 | mg/L | | 0.2 | | E200.7 | 04/23/09 19:27 / cp |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 04/23/09 19:27 / cp |
| Sulfate | 147 | mg/L | | 1 | | E300.0 | 04/27/09 22:36 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 545 | umhos/cm | | 1 | | A2510 B | 04/21/09 15:37 / dd |
| pH | 8.10 | s.u. | | 0.01 | | A4500-H B | 04/21/09 15:37 / dd |
| Solids, Total Dissolved TDS @ 180 C | 356 | mg/L | | 10 | | A2540 C | 04/21/09 15:30 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:27 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:07 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:27 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:27 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 01:07 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 19:27 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 08:06 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 19:27 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:07 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 04/23/09 19:27 / cp |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:07 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 01:07 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 19:27 / cp |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:07 / ts |
| Uranium | 0.0236 | mg/L | | 0.0003 | | E200.8 | 04/25/09 01:07 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:27 / cp |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/05/09 13:10 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 0.05 | mg/L | | 0.03 | | E200.7 | 05/05/09 02:11 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/05/09 02:11 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

Client Sample ID: M-112

C09040674-012

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09 Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 41.4 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha precision (±) | 3.0 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta | 20.0 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Radium 226 | 4.3 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 226 precision (±) | 0.37 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 226 MDC | 0.14 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 228 | 5.8 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.35 | % | | | | Calculation | 04/30/09 10:12 / kbh |
| Anions | 5.49 | meq/L | | | | Calculation | 04/30/09 10:12 / kbh |
| Cations | 5.24 | meq/L | | | | Calculation | 04/30/09 10:12 / kbh |
| Solids, Total Dissolved Calculated | 344 | mg/L | | | | Calculation | 04/30/09 10:12 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | - | | | | Calculation | 04/30/09 10:12 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-013

Client Sample ID: M-113

Report Date: 06/09/09

Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 95 | mg/L | | 1 | | A2320 B | 04/24/09 19:46 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/24/09 19:46 / ljl |
| Bicarbonate as HCO3 | 116 | mg/L | | 1 | | A2320 B | 04/24/09 19:46 / Ijl |
| Calcium | 53 | mg/L | | 1 | | E200.7 | 04/23/09 19:31 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/27/09 22:52 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 10:53 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 04/23/09 19:31 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/23/09 12:52 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 11:30 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 04/23/09 19:31 / cp |
| Silica | 11.2 | mg/L | | 0.2 | | E200.7 | 04/23/09 19:31 / cp |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 04/23/09 19:31 / cp |
| Sulfate | 125 | mg/L | | 1 | | E300.0 | 04/27/09 22:52 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 469 | umhos/cm | | 1 | | A2510 B | 04/21/09 15:39 / dd |
| pH | 7.98 | s.u. | | 0.01 | | A4500-H B | 04/21/09 15:39 / dd |
| Solids, Total Dissolved TDS @ 180 C | 306 | mg/L | | 10 | | A2540 C | 04/21/09 15:30 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:31 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:34 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:31 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:31 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 01:34 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 19:31 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 08:12 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 19:31 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:34 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 04/23/09 19:31 / cp |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:34 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 01:34 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 19:31 / cp |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:34 / ts |
| Uranium | 0.0207 | mg/L | | 0.0003 | | E200.8 | 04/25/09 01:34 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:31 / cp |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 05/05/09 13:17 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 0.03 | mg/L | | 0.03 | | E200.7 | 05/05/09 02:16 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/05/09 02:16 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

Client Sample ID: M-113

C09040674-013

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| | | | <u> </u> | | | | |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 54.8 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha precision (±) | 3.2 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta | 21.4 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Radium 226 | 14 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 226 precision (±) | 0.71 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 228 | 4.6 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.75 | % | | | | Calculation | 04/30/09 10:17 / kbh |
| Anions | 4.64 | meq/L | | | | Calculation | 04/30/09 10:17 / kbh |
| Cations | 4.39 | meq/L | | | | Calculation | 04/30/09 10:17 / kbh |
| Solids, Total Dissolved Calculated | 294 | mg/L | | | | Calculation | 04/30/09 10:17 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | J | | | | Calculation | 04/30/09 10:17 / kbh |

Report **Definitions:** RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-014

Client Sample ID: M-114

Report Date: 06/09/09

Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 79 | mg/L | | 1 | | A2320 B | 04/24/09 19:54 / ljl |
| Carbonate as CO3 | 8 | mg/L | | 1 | | A2320 B | 04/24/09 19:54 / ljl |
| Bicarbonate as HCO3 | 80 | mg/L | | 1 | | A2320 B | 04/24/09 19:54 / ljl |
| Calcium | 51 | mg/L | | 1 | | E200.7 | 04/23/09 19:35 / cp |
| Chloride | 7 | mg/L | | 1 | | E300.0 | 04/27/09 23:07 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 10:56 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 04/23/09 19:35 / cp |
| Nitrogen, Ammonia as N | 0.17 | mg/L | | 0.05 | | E350.1 | 04/23/09 12:53 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 11:31 / eli-b |
| Potassium | 16 | mg/L | | 1 | | E200.7 | 04/23/09 19:35 / cp |
| Silica | 10.4 | mg/L | | 0.2 | | E200.7 | 04/23/09 19:35 / cp |
| Sodium | 39 | mg/L | | 1 | | E200.7 | 04/23/09 19:35 / cp |
| Sulfate | 138 | mg/L | | 1 | | E300.0 | 04/27/09 23:07 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 510 | umhos/cm | | 1 | | A2510 B | 04/21/09 15:41 / dd |
| pH | 9.14 | s.u. | | 0.01 | | A4500-H B | 04/21/09 15:41 / dd |
| Solids, Total Dissolved TDS @ 180 C | 334 | mg/L | | 10 | | A2540 C | 04/21/09 15:31 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:35 / cp |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 04/25/09 01:40 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:35 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:35 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 01:40 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 19:35 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 08:19 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 19:35 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:40 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 04/23/09 19:35 / cp |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:40 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 01:40 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 19:35 / cp |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:40 / ts |
| Uranium | 0.0533 | mg/L | | 0.0003 | | E200.8 | 04/25/09 01:40 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:35 / cp |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/05/09 13:23 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/05/09 02:21 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/05/09 02:21 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-014

Client Sample ID: M-114

Report Date: 06/09/09 Collection Date: 04/20/09

DateReceived: 04/21/09

Matrix: Aqueous

| | D14 | | a 116 | | MCL/ QCL | Massa | Analysis Data / Bu |
|------------------------------------|--------|-------|--------------|----|-------------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 594 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha precision (±) | 10.4 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta | 234 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta precision (±) | 3.9 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Radium 226 | 187 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 226 precision (±) | 2.5 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 228 | 4.5 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 1.16 | % | | | | Calculation | 04/30/09 10:17 / kbh |
| Anions | 4.67 | meq/L | | | | Calculation | 04/30/09 10:17 / kbh |
| Cations | 4.78 | meq/L | | | | Calculation | 04/30/09 10:17 / kbh |
| Solids, Total Dissolved Calculated | 313 | mg/L | | | | Calculation | 04/30/09 10:17 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 04/30/09 10:17 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-015

Client Sample ID: M-115

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 87 | mg/L | | 1 | | A2320 B | 04/24/09 20:01 / ljl |
| Carbonate as CO3 | 7 | mg/L | | 1 | | A2320 B | 04/24/09 20:01 / Ijl |
| Bicarbonate as HCO3 | 93 | mg/L | | 1 | | A2320 B | 04/24/09 20:01 / ljl |
| Calcium | 54 | mg/L | | 1 | | E200.7 | 04/23/09 19:40 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/28/09 00:09 / Ijl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 10:59 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 04/23/09 19:40 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/23/09 13:19 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 12:32 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 04/23/09 19:40 / cp |
| Silica | 11.2 | mg/L | | 0.2 | | E200.7 | 04/23/09 19:40 / cp |
| Sodium | 35 | mg/L | | 1 | | E200.7 | 04/23/09 19:40 / cp |
| Sulfate | 131 | mg/L | | 1 | | E300.0 | 04/28/09 00:09 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 483 | umhos/cm | | 1 | | A2510 B | 04/21/09 15:43 / dd |
| pH | 8.92 | s.u. | | 0.01 | | A4500-H B | 04/21/09 15:43 / dd |
| Solids, Total Dissolved TDS @ 180 C | 326 | mg/L | | 10 | | A2540 C | 04/21/09 15:31 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:40 / cp |
| Arsenic | 0.006 | mg/L | | 0.001 | | E200.8 | 04/25/09 01:47 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:40 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:40 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 01:47 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 19:40 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 08:26 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 19:40 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:47 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 04/23/09 19:40 / cp |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:47 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 01:47 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 19:40 / cp |
| Selenium | 0.001 | mg/L | | 0.001 | | E200.8 | 04/25/09 01:47 / ts |
| Uranium | 0.109 | mg/L | | 0.0003 | | E200.8 | 04/25/09 01:47 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 19:40 / cp |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/05/09 13:30 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/24/09 14:52 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 15:49 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-015

Client Sample ID: M-115

Report Date: 06/09/09

Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | · | | | | | | |
| Gross Alpha | 140 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Alpha precision (±) | 4.9 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Beta | 57.5 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Beta precision (±) | 2.5 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Radium 226 | 3.3 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 226 precision (±) | 0.34 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 228 | 1.6 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.54 | % | | | | Calculation | 04/30/09 10:32 / kbh |
| Anions | 4.62 | meg/L | | | | Calculation | 04/30/09 10:32 / kbh |
| Cations | 4.48 | meq/L | | | | Calculation | 04/30/09 10:32 / kbh |
| Solids, Total Dissolved Calculated | 298 | mg/L | | | | Calculation | 04/30/09 10:32 / kbh |
| TDS Balance (0.80 - 1.20) | 1.09 | - | | | | Calculation | 04/30/09 10:32 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-016

Client Sample ID: M-116

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | - |
| Alkalinity, Total as CaCO3 | 100 | mg/L | | 1 | | A2320 B | 04/24/09 20:09 / ljl |
| Carbonate as CO3 | 7 | mg/L | | 1 | | A2320 B | 04/24/09 20:09 / ljl |
| Bicarbonate as HCO3 | 107 | mg/L | | 1 | | A2320 B | 04/24/09 20:09 / lil |
| Calcium | 53 | mg/L | | 1 | | E200.7 | 04/23/09 20:28 / cp |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 04/28/09 00:24 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 11:02 / ljl |
| Magnesium | 1 | mg/L | | 1 | | E200.7 | 04/23/09 20:28 / cp |
| Nitrogen, Ammonia as N | 0.10 | mg/L | | 0.05 | | E350.1 | 04/23/09 13.23 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.16 | mg/L | | 0.05 | | E353.2 | 04/23/09 12:33 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 04/23/09 20:28 / cp |
| Silica | 11.7 | mg/L | | 0.2 | | E200.7 | 04/23/09 20:28 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 04/23/09 20:28 / cp |
| Sulfate | 113 | mg/L | | 1 | | E300.0 | 04/28/09 00:24 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 463 | umhos/cm | | 1 | | A2510 B | 04/21/09 15:45 / dd |
| Н | 8.75 | s.u. | | 0.01 | | A4500-H B | 04/21/09 15:45 / dd |
| Solids, Total Dissolved TDS @ 180 C | 293 | mg/L | | 10 | | A2540 C | 04/22/09 13:49 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 20:28 / cp |
| Arsenic | 0.006 | mg/L | | 0.001 | | E200.8 | 04/25/09 01:54 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 20:28 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 20:28 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 01:54 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 20:28 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 08:33 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 20:28 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:54 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 04/23/09 20:28 / cp |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 01:54 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 20:28 / cp |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 20:28 / cp |
| Selenium | 0.008 | mg/L | | 0.001 | | E200.8 | 04/25/09 01:54 / ts |
| Uranium | 0.169 | mg/L | | 0.0003 | | E200.8 | 04/25/09 01:54 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 20:28 / cp |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/05/09 14:03 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/05/09 02:47 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/05/09 02:47 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek

Client Sample ID: M-116

C09040674-016

Report Date: 06/09/09

Collection Date: 04/20/09

DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 190 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Alpha precision (±) | 5.8 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Beta | 63.4 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Beta precision (±) | 2.6 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Radium 226 | 0.81 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 226 precision (±) | 0.18 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 228 | 0.8 | pCi/L | U | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.79 | % | | | | Calculation | 04/30/09 10:33 / kbh |
| Anions | 4.55 | meq/L | | | | Calculation | 04/30/09 10:33 / kbh |
| Cations | 4.22 | meq/L | | | | Calculation | 04/30/09 10:33 / kbh |
| Solids, Total Dissolved Calculated | 284 | mg/L | | | | Calculation | 04/30/09 10:33 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | - | | | | Calculation | 04/30/09 10:33 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-017

Client Sample ID: M-117

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| | | | MCL/ | | | | | | |
|-------------------------------------|--------|----------|------------|--------|-----|-----------|------------------------|--|--|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By | | |
| MAJOR IONS | | | | | | | | | |
| Alkalinity, Total as CaCO3 | 104 | mg/L | | 1 | | A2320 B | 04/27/09 10:38 / Iji | | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/27/09 10:38 / ljl | | |
| Bicarbonate as HCO3 | 127 | mg/L | | 1 | | A2320 B | 04/27/09 10:38 / ljl | | |
| Calcium | 57 | mg/L | | 1 | | E200.7 | 05/18/09 14:27 / cp | | |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/28/09 00:40 / ljl | | |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 11:04 / ljl | | |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/18/09 14:27 / cp | | |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/23/09 13:24 / eli-b | | |
| Nitrogen, Nitrate+Nitrite as N | 0.10 | mg/L | | 0.05 | | E353.2 | 04/23/09 12:34 / eli-b | | |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/18/09 14:27 / cp | | |
| Silica | 16.2 | mg/L | | 0.2 | | E200.7 | 05/18/09 14:27 / cp | | |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 05/18/09 14:27 / cp | | |
| Sulfate | 120 | mg/L | | 1 | | E300.0 | 04/28/09 00:40 / ljl | | |
| PHYSICAL PROPERTIES | | | | | | | | | |
| Conductivity | 472 | umhos/cm | | 1 | | A2510 B | 04/22/09 11:22 / dd | | |
| pH | 7.83 | s.u. | | 0.01 | | A4500-H B | 04/22/09 11:22 / dd | | |
| Solids, Total Dissolved TDS @ 180 C | 300 | mg/L | | 10 | | A2540 C | 04/22/09 13:50 / rp | | |
| METALS - DISSOLVED | | | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 14:27 / cp | | |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 05/18/09 12:11 / ts | | |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 14:27 / cp | | |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 14:27 / cp | | |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/18/09 12:11 / ts | | |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 05/18/09 14:27 / cp | | |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/18/09 12:11 / ts | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/18/09 14:27 / cp | | |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/18/09 12:11 / ts | | |
| Manganese | 0.06 | mg/L | | 0.01 | | E200.7 | 05/18/09 14:27 / cp | | |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/18/09 12:11 / ts | | |
| Molybdenum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 14:27 / cp | | |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 05/18/09 14:27 / cp | | |
| Selenium | 0.011 | mg/L | | 0.001 | | E200.8 | 05/18/09 12:11 / ts | | |
| Uranium | 0.178 | mg/L | | 0.0003 | | E200.8 | 05/18/09 12:11 / ts | | |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 14:27 / cp | | |
| Zinc | ND | mg/L | D | 0.03 | | E200.7 | 05/18/09 14:27 / cp | | |
| METALS - TOTAL | | | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/05/09 02:52 / rdw | | |
| Manganese | 0.05 | mg/L | D | 0.02 | | E200.7 | 05/05/09 02:52 / rdw | | |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-017

Client Sample ID: M-117

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 166 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha precision (±) | 5.5 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta | 49.2 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta precision (±) | 2.2 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Radium 226 | 1.0 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 226 precision (±) | 0.21 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 05/14/09 17:01 / jah |
| Radium 228 | 1.4 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.78 | % | | | | Calculation | 05/20/09 10:28 / kbh |
| Anions | 4.76 | meg/L | | | | Calculation | 05/20/09 10:28 / kbh |
| Cations | 4.59 | meq/L | | | | Calculation | 05/20/09 10:28 / kbh |
| Solids, Total Dissolved Calculated | 285 | mg/L | | | | Calculation | 05/20/09 10:28 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | - | | | | Calculation | 05/20/09 10:28 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-018

Client Sample ID: M-118

Report Date: 06/09/09

Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Result Units | | RL | MCL/ QCL | Method | Analysis Date / By | |
|-------------------------------------|--------|--------------|--|--------|-------------|-----------|------------------------|--|
| MAJOR IONS | | | | | | | | |
| Alkalinity, Total as CaCO3 | 103 | mg/L | | 1 | | A2320 B | 04/27/09 10:45 / ljl | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/27/09 10:45 / ljl | |
| Bicarbonate as HCO3 | 126 | mg/L | | 1 | | A2320 B | 04/27/09 10:45 / ljl | |
| Calcium | 58 | mg/L | | 1 | | E200.7 | 04/23/09 20:48 / cp | |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/28/09 00:55 / ljl | |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 11:07 / ljl | |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 04/23/09 20:48 / cp | |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/23/09 13:25 / eli-b | |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 12:35 / eli-b | |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 04/23/09 20:48 / cp | |
| Silica | 12.2 | mg/L | | 0.2 | | E200.7 | 04/23/09 20:48 / cp | |
| Sodium | 39 | mg/L | | 1 | | E200.7 | 04/23/09 20:48 / cp | |
| Sulfate | 147 | mg/L | | 1 | | E300.0 | 04/28/09 00:55 / ljl | |
| PHYSICAL PROPERTIES | | | | | | | | |
| Conductivity | 518 | umhos/cm | | 1 | | A2510 B | 04/22/09 11:24 / dd | |
| pH | 7.88 | s.u. | | 0.01 | | A4500-H B | 04/22/09 11:24 / dd | |
| Solids, Total Dissolved TDS @ 180 C | 340 | mg/L | | 10 | | A2540 C | 04/22/09 13:50 / rp | |
| METALS - DISSOLVED | | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 20:48 / cp | |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 04/25/09 02:35 / ts | |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 20:48 / cp | |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 20:48 / cp | |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 02:35 / ts | |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 20:48 / cp | |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 08:46 / ts | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 20:48 / cp | |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 02:35 / ts | |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 04/23/09 20:48 / cp | |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 02:35 / ts | |
| Molybdenum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 20:48 / cp | |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 20:48 / cp | |
| Selenium | 0.003 | mg/L | | 0.001 | | E200.8 | 04/25/09 02:35 / ts | |
| Uranium | 0.181 | mg/L | | 0.0003 | | E200.8 | 04/25/09 02:35 / ts | |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 02:35 / ts | |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/05/09 14:16 / sml | |
| METALS - TOTAL | | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/24/09 14:56 / rdw | |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 15:57 / cp | |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-018

Client Sample ID: M-118

Report Date: 06/09/09

Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | - | <u>-</u> | | |
| Gross Alpha | 272 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Alpha precision (±) | 7.0 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Beta | 87.6 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Beta precision (±) | 2.9 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 05/30/09 13:27 / cgr |
| Radium 226 | 28 | pCi/L | | | | E903.0 | 05/15/09 01:08 / jah |
| Radium 226 precision (±) | 1.0 | pCi/L | | | | E903.0 | 05/15/09 01:08 / jah |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 05/15/09 01:08 / jah |
| Radium 228 | 2.2 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.68 | % | | | | Calculation | 04/30/09 10:59 / kbh |
| Anions | 5.27 | meg/L | | | | Calculation | 04/30/09 10:59 / kbh |
| Cations | 4.90 | meq/L | | | | Calculation | 04/30/09 10:59 / kbh |
| Solids, Total Dissolved Calculated | 332 | mg/L | | | | Calculation | 04/30/09 10:59 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | - | | | | Calculation | 04/30/09 10:59 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-019

Client Sample ID: M-120

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|------------------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 11 | mg/L | | 1 | | A2320 B | 04/27/09 10:51 / ljl |
| Carbonate as CO3 | 6 | mg/L | | 1 | | A2320 B | 04/27/09 10:51 / ljl |
| Bicarbonate as HCO3 | 2 | mg/L | | 1 | | A2320 B | 04/27/09 10:51 / ljl |
| Calcium | 55 | mg/L | | 1 | | E200.7 | 04/23/09 20:52 / cp |
| Chloride | 92 | mg/L | | 1 | | E300.0 | 04/28/09 01:11 / ljl |
| | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 11:28 / ljl |
| Fluoride | 1 | mg/L | | 1 | | E200.7 | 04/23/09 20:52 / cp |
| Magnesium | 0.13 | mg/L | | 0.05 | | E350.1 | 04/23/09 13:26 / eli-b |
| Nitrogen, Ammonia as N | ND | - | | 0.05 | | E353.2 | 04/23/09 12:44 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | | mg/L | | 1 | | E200.7 | 04/23/09 20:52 / cp |
| Potassium | 13 | mg/L | | 0.2 | | E200.7 | 04/23/09 20:52 / cp |
| Silica | 11.6 | mg/L | | | | E200.7 E200.7 | 04/23/09 20:52 / cp |
| Sodium | 43 | mg/L | | 1 | | | • |
| Sulfate | 113 | mg/L | | 1 | | E300.0 | 04/28/09 01:11 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 604 | umhos/cm | | 1 | | A2510 B | 04/22/09 11:26 / dd |
| pH | 9.45 | s.u. | | 0.01 | | A4500-H B | 04/22/09 11:26 / dd |
| Solids, Total Dissolved TDS @ 180 C | 357 | mg/L | | 10 | | A2540 C | 04/22/09 13:50 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 20:52 / cp |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 04/25/09 02:42 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 20:52 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 20:52 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 02:42 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 20:52 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 09:20 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 20:52 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 02:42 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 04/23/09 20:52 / cp |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 02:42 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 20:52 / cp |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 20:52 / cp |
| Selenium | 0.002 | mg/L | | 0.001 | | E200.8 | 04/25/09 02:42 / ts |
| Uranium | 0.0494 | mg/L | | 0.0003 | | E200.8 | 04/25/09 02:42 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 02:42 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/05/09 14:22 / sml |
| METALS - TOTAL | | | | | | | |
| fron | 0.03 | mg/L | | 0.03 | | E200.7 | 05/05/09 02:57 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/05/09 02:57 / rdw |
| wanganese | 110 | g/ L | | 0.02 | | | |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-019

Client Sample ID: M-120

Report Date: 06/09/09

Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|----------|-------|------------|-----|-------------|-------------|-----------------------|
| Allayses | - Rosult | Onits | Quaimers | IXL | | - Wothou | - Talaiyolo Bato / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 71.9 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha precision (±) | 3.8 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta | 27.2 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 05/08/09 04:12 / cgr |
| Radium 226 | 1.1 | pCi/L | | | | E903.0 | 05/15/09 01:08 / jah |
| Radium 226 precision (±) | 0.23 | pCi/L | | | | E903.0 | 05/15/09 01:08 / jah |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 05/15/09 01:08 / jah |
| Radium 228 | 0.4 | pCi/L | U | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.45 | % | | | | Calculation | 04/30/09 11:00 / kbh |
| Anions | 5.17 | meq/L | | | | Calculation | 04/30/09 11:00 / kbh |
| Cations | 5.03 | meq/L | | | | Calculation | 04/30/09 11:00 / kbh |
| Solids, Total Dissolved Calculated | 338 | mg/L | | | | Calculation | 04/30/09 11:00 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | | | | | Calculation | 04/30/09 11:00 / kbh |

Report **Definitions:** RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-020

Client Sample ID: M-121

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| rulalysss | | | | | | | |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 115 | mg/L | | 1 | | A2320 B | 04/27/09 10:59 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/27/09 10:59 / ljl |
| Bicarbonate as HCO3 | 140 | mg/L | | 1 | | A2320 B | 04/27/09 10:59 / ljl |
| Calcium | 60 | mg/L | | 1 | | E200.7 | 04/23/09 20:57 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/28/09 01:26 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 11:30 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 04/23/09 20:57 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/23/09 13:28 / eli-t |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 12:45 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 04/23/09 20:57 / cp |
| Silica | 13.7 | mg/L | | 0.2 | | E200.7 | 04/23/09 20:57 / cp |
| Sodium | 35 | mg/L | | 1 | | E200.7 | 04/23/09 20:57 / cp |
| Sulfate | 129 | mg/L | | 1 | | E300.0 | 04/28/09 01:26 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 501 | umhos/cm | | 1 | | A2510 B | 04/22/09 11:28 / dd |
| pH | 7.90 | s.u. | | 0.01 | | A4500-H B | 04/22/09 11:28 / dd |
| Solids, Total Dissolved TDS @ 180 C | 326 | mg/L | | 10 | | A2540 C | 04/22/09 13:50 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 20:57 / cp |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 04/25/09 02:48 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 20:57 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 20:57 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 02:48 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 20:57 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 09:27 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 20:57 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 02:48 / ts |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.7 | 04/23/09 20:57 / cp |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 02:48 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 20:57 / cp |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 20:57 / cp |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 02:48 / ts |
| Uranium | 0.0408 | mg/L | | 0.0003 | | E200.8 | 04/25/09 02:48 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 02:48 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 05/05/09 14:29 / sm |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/24/09 15:09 / rdv |
| Manganese | 0.04 | mg/L | | 0.01 | | E200.7 | 05/07/09 16:01 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-020

Client Sample ID: M-121

Report Date: 06/09/09 Collection Date: 04/20/09

DateReceived: 04/21/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 54.6 | pCi/L | | | | E900.0 | 05/08/09 05:45 / cgr |
| Gross Alpha precision (±) | 3.0 | pCi/L | | | | E900.0 | 05/08/09 05:45 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 05/08/09 05:45 / cgr |
| Gross Beta | 13.3 | pCi/L | | | | E900.0 | 05/08/09 05:45 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 05/08/09 05:45 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 05/08/09 05:45 / cgr |
| Radium 226 | 0.86 | pCi/L | | | | E903.0 | 05/15/09 01:08 / jah |
| Radium 226 precision (±) | 0.20 | pCi/L | | | | E903.0 | 05/15/09 01:08 / jah |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 05/15/09 01:08 / jah |
| Radium 228 | 1.2 | pCi/L | U | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 05/05/09 10:23 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.51 | % | | | | Calculation | 04/30/09 11:02 / kbh |
| Anions | 5.13 | meq/L | | | | Calculation | 04/30/09 11:02 / kbh |
| Cations | 4.88 | meq/L | | | | Calculation | 04/30/09 11:02 / kbh |
| Solids, Total Dissolved Calculated | 323 | mg/L | | | | Calculation | 04/30/09 11:02 / kbh |
| TDS Balance (0.80 - 1.20) | 1.01 | - | | | | Calculation | 04/30/09 11:02 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-021

Client Sample ID: M-129

Report Date: 06/09/09 Collection Date: 04/20/09

Collection Date: 04/20/09
DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 110 | mg/L | | 1 | | A2320 B | 04/27/09 11:06 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/27/09 11:06 / ljl |
| Bicarbonate as HCO3 | 134 | mg/L | | 1 | | A2320 B | 04/27/09 11:06 / ljl |
| Calcium | 72 | mg/L | | 1 | | E200.7 | 04/23/09 21:01 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/28/09 01:41 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 11:33 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 04/23/09 21:01 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/23/09 13:29 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 12:46 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 04/23/09 21:01 / cp |
| Silica | 11.9 | mg/L | | 0.2 | | E200.7 | 04/23/09 21:01 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 04/23/09 21:01 / cp |
| Sulfate | 151 | mg/L | | 1 | | E300.0 | 04/28/09 01:41 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 531 | umhos/cm | | 1 | | A2510 B | 04/22/09 11:31 / dd |
| pH | 7.82 | s.u. | | 0.01 | | A4500-H B | 04/22/09 11:31 / dd |
| Solids, Total Dissolved TDS @ 180 C | 353 | mg/L | | 10 | | A2540 C | 04/22/09 13:50 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 21:01 / cp |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 04/25/09 02:55 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 21:01 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 21:01 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 02:55 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 21:01 / cp |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 09:34 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/23/09 21:01 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 02:55 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 04/23/09 21:01 / cp |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 02:55 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.7 | 04/23/09 21:01 / cp |
| Nickel | ND | mg/L | | 0.05 | | E200.7 | 04/23/09 21:01 / cp |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 02:55 / ts |
| Uranium | 0.171 | mg/L | | 0.0003 | | E200.8 | 04/25/09 02:55 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 02:55 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/05/09 14:35 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 0.06 | mg/L | | 0.03 | | E200.7 | 05/05/09 03:02 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/05/09 03:02 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-021

Client Sample ID: M-129

Report Date: 06/09/09

Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | ···· | | | | | | |
| Gross Alpha | 174 | pCi/L | | | | E900.0 | 05/08/09 05:45 / cgr |
| Gross Alpha precision (±) | 5.4 | pCi/L | | | | E900.0 | 05/08/09 05:45 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 05/08/09 05:45 / cgr |
| Gross Beta | 59.2 | pCi/L | | | | E900.0 | 05/08/09 05:45 / cgr |
| Gross Beta precision (±) | 2.6 | pCi/L | | | | E900.0 | 05/08/09 05:45 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 05/08/09 05:45 / cgr |
| Radium 226 | 41 | pCi/L | | | | E903.0 | 05/15/09 02:57 / jah |
| Radium 226 precision (±) | 1.2 | pCi/L | | | | E903.0 | 05/15/09 02:57 / jah |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 05/15/09 02:57 / jah |
| Radium 228 | 4.8 | pCi/L | | | | RA-05 | 05/05/09 12:27 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 05/05/09 12:27 / plj |
| Radium 228 MDC | 1.6 | pCi/L | | | | RA-05 | 05/05/09 12:27 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.79 | % | | | | Calculation | 04/30/09 11:04 / kbh |
| Anions | 5.51 | meq/L | | | | Calculation | 04/30/09 11:04 / kbh |
| Cations | 5.21 | meq/L | | | | Calculation | 04/30/09 11:04 / kbh |
| Solids, Total Dissolved Calculated | 345 | mg/L | | | | Calculation | 04/30/09 11:04 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | - | | | | Calculation | 04/30/09 11:04 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-022

Client Sample ID: M-130

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | 1112 | | 1 | | |
| Alkalinity, Total as CaCO3 | 2 | mg/L | | 1 | | A2320 B | 04/27/09 11:26 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/27/09 11:26 / ljl |
| Bicarbonate as HCO3 | 2 | mg/L | | 1 | | A2320 B | 04/27/09 11:26 / ljl |
| Calcium | ND | mg/L | | 1 | | E200.7 | 05/01/09 16:02 / rdw |
| Chloride | ND | mg/L | | 1 | | E300.0 | 04/28/09 02:28 / ljl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 04/24/09 11:40 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 05/01/09 16:02 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/23/09 13:30 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/23/09 12:22 / eli-b |
| Potassium | ND | mg/L | | 1 | | E200.7 | 05/01/09 16:02 / rdw |
| Silica | ND | mg/L | | 0.2 | | E200.7 | 05/07/09 12:31 / cp |
| Sodium | ND | mg/L | | 1 | | E200.7 | 05/01/09 16:02 / rdw |
| Sulfate | ND | mg/L | | 1 | | E300.0 | 04/28/09 02:28 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | ND | umhos/cm | | 1 | | A2510 B | 04/22/09 11:35 / dd |
| pH | 5.96 | s.u. | | 0.01 | | A4500-H B | 04/22/09 11:35 / dd |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | | 10 | | A2540 C | 04/22/09 13:51 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 12:31 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 13:25 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/01/09 16:02 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 12:31 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 13:25 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 13:25 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 13:25 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/01/09 16:02 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 13:25 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/01/09 16:02 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 13:25 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 13:25 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 13:25 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 13:25 / ts |
| Uranium | ND | mg/L | | 0.0003 | | E200.8 | 05/06/09 13:25 / ts |
| Vanadium | ND | mg/L | | 0.0003 | | E200.7 | 05/01/09 16:02 / rdw |
| Zinc | ND | mg/L | | 0.01 | | E200.7 | 05/01/09 16:02 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/24/09 15:31 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 16:05 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040674-022

Client Sample ID: M-130

Report Date: 06/09/09 Collection Date: 04/20/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---------------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 1.7 | pCi/L | | | | E900.0 | 05/08/09 05:45 / cgr |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | | E900.0 | 05/08/09 05:45 / cgr |
| Gross Alpha MDC | 0.7 | pCi/L | | | | E900.0 | 05/08/09 05:45 / cgr |
| Gross Beta | -2 | pCi/L | U | | | E900.0 | 05/08/09 05:45 / cgr |
| Gross Beta precision (±) | 1.6 | pCi/L | | | | E900.0 | 05/08/09 05:45 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 05/08/09 05:45 / cgr |
| Radium 226 | -0.1 | pCi/L | U | | | E903.0 | 05/15/09 02:57 / jah |
| Radium 226 precision (±) | 0.06 | pCi/L | | | | E903.0 | 05/15/09 02:57 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/15/09 02:57 / jah |
| Radium 228 | -0.4 | pCi/L | U | | | RA-05 | 05/05/09 12:27 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/05/09 12:27 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/05/09 12:27 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -62.5 | % | | | | Calculation | 05/06/09 07:51 / kbh |
| Anions | 0.0416 | meq/L | | | | Calculation | 05/06/09 07:51 / kbh |
| Cations | 0.00960 | meq/L | | | | Calculation | 05/06/09 07:51 / kbh |
| The ion balance is not appropriate for pear l | hlank results | | | | | | |

⁻ The ion balance is not appropriate for near blank results.

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/09/09 Work Order: C09040674

| Analyte | Count Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|---------------------|-----|------|-----------|--------------|-----|----------|------------|
| Method: A2320 B | | | | | | | | Batch: | R11733 |
| Sample ID: MBLK | 3 Method Blan | k | | | Run: MANT | TECH_090424B | | 04/24 | /09 16:41 |
| Alkalinity, Total as CaCO3 | 3 | mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | ND | Ū | 1 | | | | | | |
| Bicarbonate as HCO3 | 3 | mg/L | 1 | | | | | | |
| Sample ID: LCS1 | Laboratory C | ontrol Sample | | • | Run: MANT | TECH_090424B | | 04/24 | /09 16:56 |
| Alkalinity, Total as CaCO3 | 208 | mg/L | 5.0 | 102 | 90 | 110 | | | |
| Sample ID: LCS | Laboratory C | Control Sample | | | Run: MANT | TECH_090424B | | 04/24 | /09 17:04 |
| Alkalinity, Total as CaCO3 | 52.9 | mg/L | 5.0 | 100 | 90 | 110 | | | |
| Sample ID: C09040674-002AMS | Sample Mati | rix Spike | | | Run: MANT | TECH_090424B | | 04/24 | /09 17:55 |
| Alkalinity, Total as CaCO3 | 254 | • | 5.0 | 100 | 80 | 120 | | | |
| Sample ID: C09040674-002AMSE | Sample Mati | rix Spike Duplicate | | | Run: MAN | ГЕСН_090424B | | 04/24 | /09 18:03 |
| Alkalinity, Total as CaCO3 | 256 | mg/L | 5.0 | 101 | 80 | 120 | 0.5 | 20 | |
| Sample ID: C09040674-012AMS | Sample Mati | rix Spike | | | Run: MAN | TECH_090424B | | 04/24 | /09 19:31 |
| Alkalinity, Total as CaCO3 | 241 | mg/L | 5.0 | 102 | 80 | 120 | | | |
| Sample ID: C09040674-012AMSI | D Sample Mati | rix Spike Duplicate | | | Run: MAN | ГЕСН_090424B | | 04/24 | /09 19:39 |
| Alkalinity, Total as CaCO3 | 239 | mg/L | 5.0 | 101 | 80 | 120 | 0.6 | 20 | |
| Sample ID: C09040674-022AMS | Sample Mat | rix Spike | | | Run: MAN | TECH_090424B | | 04/24 | /09 21:20 |
| Alkalinity, Total as CaCO3 | 130 |) mg/L | 5.0 | 102 | 80 | 120 | | | |
| Sample ID: C09040674-022AMSI | D Sample Mat | rix Spike Duplicate | | | Run: MAN | TECH_090424B | | 04/24 | /09 21:28 |
| Alkalinity, Total as CaCO3 | 131 | mg/L | 5.0 | 103 | 80 | 120 | 8.0 | 20 | |
| Method: A2320 B | | | | | | | | Batch | : R11741 |
| Sample ID: MBLK | 3 Method Blar | nk | | | Run: MAN | TECH_090427A | | 04/27 | 7/09 10:09 |
| Alkalinity, Total as CaCO3 | 5 | 5 mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | NE |) mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | 6 | s mg/L | 1 | | | | | | |
| Sample ID: LCS1 | Laboratory (| Control Sample | | | Run: MAN | TECH_090427A | | 04/27 | 7/09 10:24 |
| Alkalinity, Total as CaCO3 | 206 | 6 mg/L | 5.0 | 101 | 90 | 110 | | | |
| Sample ID: LCS | Laboratory (| Control Sample | | | Run: MAN | TECH_090427A | | 04/27 | 7/09 10:31 |
| Alkalinity, Total as CaCO3 | 53.0 |) mg/L | 5.0 | 97 | 90 | 110 | | | |
| Sample ID: C09040674-021AMS | Sample Mat | rix Spike | | | Run: MAN | TECH_090427A | | 04/27 | 7/09 11:13 |
| Alkalinity, Total as CaCO3 | 234 | 4 mg/L | 5.0 | 100 | 80 | 120 | | | |
| Sample ID: C09040674-021AMSI | D Sample Mat | rix Spike Duplicate | | | Run: MAN | TECH_090427A | | 04/27 | 7/09 11:2° |
| Alkalinity, Total as CaCO3 | 237 | | 5.0 | 102 | 80 | 120 | 1.1 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc Report Date: 06/09/09

Project: Lost Creek

Work Order: C09040674

| Method: A2510 B Sample ID: ICV2_090421_1 | | | | | | | | | | |
|---|---|--------------------|------------|---|-----------|---------|------------|---------|-------------|-----------|
| · | | | | | | | Analytical | Run: | ORION555A | _090421A |
| | Initial Calibra | ation Verification | n Standard | | | | | | 04/21 | /09 14:53 |
| Conductivity | 1480 | umhos/cm | 1.0 | 105 | 90 | | 110 | | | |
| Method: A2510 B | , <u>, , , , , , , , , , , , , , , , , , </u> | | | | ,,,,,,, | | Bate | ch: 090 |)421_1_PH-\ | V_555A-1 |
| Sample ID: MBLK1_090421_1 | Method Blan | ık | | | Run: ORIO | N555A_ | _090421A | | 04/21 | /09 14:48 |
| Conductivity | 1 | umhos/cm | 0.2 | | | | | | | |
| Sample ID: C09040674-006ADUP | Sample Dup | licate | | | Run: ORIO | N555A_ | _090421A | | 04/21 | /09 15:21 |
| Conductivity | 706 | umhos/cm | 1.0 | | | | | 0.4 | 10 | |
| Sample ID: C09040674-016ADUP | Sample Dup | licate | | | Run: ORIO | N555A_ | _090421A | | 04/21 | /09 15:47 |
| Conductivity | 462 | 2 umhos/cm | 1.0 | | | | | 0.2 | 10 | |
| Method: A2510 B | | | | *************************************** | | | Analytica | Run: | ORION555A | _090422A |
| Sample ID: ICV2_090422_1 | Initial Calibra | ation Verification | n Standard | | | | | | 04/22 | /09 11:15 |
| Conductivity | 1490 | umhos/cm | 1.0 | 105 | 90 | | 110 | | | |
| Method: A2510 B | | | | | | | Bate | ch: 090 |)422_1_PH-\ | N_555A-1 |
| Sample ID: MBLK1_090422_1 | Method Blar | nk | | | Run: ORIO | N555A_ | _090422A | | 04/22 | /09 11:11 |
| Conductivity | 1 | umhos/cm | 0.2 | | | | | | | |
| Sample ID: C09040675-002ADUP | Sample Dup | licate | | | Run: ORIC | N555A_ | _090422A | | 04/22 | /09 11:40 |
| Conductivity | 1200 |) umhos/cm | 1.0 | | | | | 0.1 | 10 | |
| Method: A2540 C | | | | | | | Bat | ch: 09 | 0421_1_SLC | S-TDS-W |
| Sample ID: MBLK1_090421 | Method Blar | nk | | | Run: BAL- | 1_09042 | 21B | | 04/21 | /09 15:24 |
| Solids, Total Dissolved TDS @ 180 | 0 C NE |) mg/L | 6 | | | | | | | |
| Sample ID: LCS1_090421 | Laboratory (| Control Sample | | | Run: BAL- | 1_09042 | 21B | | 04/21 | /09 15:24 |
| Solids, Total Dissolved TDS @ 180 | 0 C 1000 |) mg/L | 10 | 100 | 90 | | 110 | | | |
| Sample ID: C09040674-005AMS | Sample Mat | rix Spike | | | Run: BAL- | 1_09042 | 21B | | 04/21 | /09 15:27 |
| Solids, Total Dissolved TDS @ 186 | 0 C 2450 |) mg/L | 10 | 97 | 90 | | 110 | | | |
| Sample ID: C09040674-005AMSD | Sample Mat | rix Spike Duplic | ate | | Run: BAL- | 1_09042 | 21B | | 04/21 | /09 15:28 |
| Solids, Total Dissolved TDS @ 186 | 0 C 2450 |) mg/L | 10 | 97 | 90 | | 110 | 0 | 10 | |
| Sample ID: C09040674-015AMS | Sample Mat | rix Spike | | | Run: BAL- | 1_09042 | 21B | | 04/21 | /09 15:32 |
| Solids, Total Dissolved TDS @ 18 | 0 C 2230 | mg/L | 10 | 95 | 90 | | 110 | | | |
| Sample ID: C09040674-015AMSD | Sample Mat | rix Spike Duplic | ate | | Run: BAL- | 1_09042 | 21B | | 04/21 | /09 15:32 |
| Solids, Total Dissolved TDS @ 18 | 0 C 2230 | mg/L | 10 | 95 | 90 | - | 110 | | 10 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/09/09 Work Order: C09040674

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------|----------------------|------------|---------------------------------------|-----------------|------|------|------------|-------------|------------|------------|------------|
| Method: | A2540 C | | · · · · · · · · · · · · · · · · · · · | | | | | | Batch: 09 | 0422_1_SLE | S-TDS-W |
| Sample ID: | MBLK1_090422 | ħ | Method Blank | | | | Run: BAL-1 | _090422A | | 04/22 | /09 13:49 |
| Solids, Tota | l Dissolved TDS @ 1 | 80 C | ND | mg/L | 6 | | | | | | |
| Sample ID: | LCS1_090422 | Ĺ | _aboratory Con | trol Sample | | | Run: BAL-1 | _090422A | | 04/22 | /09 13:49 |
| Solids, Tota | al Dissolved TDS @ 1 | 80 C | 990 | mg/L | 10 | 99 | 90 | 110 | | | |
| Sample ID: | C09040678-003AMS | 5 5 | Sample Matrix | Spike | | | Run: BAL-1 | _090422A | | 04/22 | 2/09 13:52 |
| Solids, Tota | al Dissolved TDS @ 1 | 80 C | 3150 | mg/L | 10 | 101 | 90 | 110 | | | |
| Sample ID: | C09040678-003AMS | D S | Sample Matrix | Spike Duplicate | | | Run: BAL-1 | _090422A | | 04/22 | 2/09 13:52 |
| Solids, Tota | al Dissolved TDS @ 1 | 80 C | 3150 | mg/L | 10 | 101 | 90 | 110 | 0.1 | 10 | |
| Sample ID: | C09040693-007AMS | 5 5 | Sample Matrix | Spike | | | Run: BAL-1 | _090422A | | 04/22 | 2/09 13:55 |
| Solids, Tota | al Dissolved TDS @ 1 | 80 C | 2350 | mg/L | 10 | 101 | 90 | 110 | | | |
| Sample ID: | C09040693-007AMS | SD S | Sample Matrix | Spike Duplicate | | | Run: BAL-1 | _090422A | | 04/22 | 2/09 13:55 |
| Solids, Tota | al Dissolved TDS @ 1 | 80 C | 2360 | mg/L | 10 | 101 | 90 | 110 | 0.3 | 10 | |
| Method: | A4500-F C | | | | | | | | | Batch | : R117327 |
| Sample ID: | MBLK-1 | ſ | Method Blank | | | | Run: MANT | ECH_090424 | IA. | 04/24 | 1/09 09:45 |
| Fluoride | | | ND | mg/L | 0.05 | | | | | | |
| Sample ID: | LCS-1 | ı | Laboratory Cor | ntrol Sample | | | Run: MANT | ECH_090424 | ‡A | 04/24 | 4/09 09:47 |
| Fluoride | | | 0.980 | mg/L | 0.10 | 98 | 90 | 110 | | | |
| Sample ID: | C09040674-002AMS | s : | Sample Matrix | Spike | | | Run: MANT | TECH_090424 | ! A | 04/24 | 4/09 10:04 |
| Fluoride | | | 1.14 | mg/L | 0.10 | 102 | 80 | 120 | | | |
| Sample ID: | C09040674-002AMS | SD : | Sample Matrix | Spike Duplicate | | | Run: MANT | ECH_090424 | 1A | 04/24 | 4/09 10:07 |
| Fluoride | | | 1.16 | mg/L | 0.10 | 104 | 80 | 120 | 1.7 | 10 | |
| Sample ID: | C09040674-012AMS | 3 | Sample Matrix | Spike | | | Run: MAN | TECH_090424 | \$A | 04/24 | 4/09 10:48 |
| Fluoride | | | 1.18 | mg/L | 0.10 | 102 | 80 | 120 | | | |
| Sample ID: | C09040674-012AMS | SD : | Sample Matrix | Spike Duplicate | | | Run: MAN | TECH_090424 | 1 A | 04/24 | 4/09 10:50 |
| Fluoride | | | 1.18 | mg/L | 0.10 | 102 | 80 | 120 | 0 | 10 | |
| Sample ID: | C09040674-022AMS | 3 | Sample Matrix | Spike | | | Run: MAN | TECH_090424 | 4A | 04/24 | 4/09 11:43 |
| Fluoride | | | 1.04 | mg/L | 0.10 | 104 | 80 | 120 | | | |
| Sample ID: | C09040674-022AMS | SD . | Sample Matrix | Spike Duplicate | | | Run: MAN | TECH_090424 | 4A | 04/24 | 4/09 11:46 |
| Fluoride | | | 1.06 | mg/L | 0.10 | 106 | . 80 | 120 | 1.9 | 10 | |



UR Energy USA Inc

Report Date: 06/09/09

Project: Lost Creek

Work Order: C09040674

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|-------------------|--------------|-----------------|----------------|------------|------|------------|---------------------------------------|---------|-------------|------------|
| Method: | A4500-H B | | | | <u></u> | | | Analytica | l Run: | ORION555A | _090421A |
| Sample ID: | ICV1_090421_1 | In | itial Calibrati | on Verificatio | n Standard | | | | | 04/21 | /09 14:50 |
| рН | | | 6.90 | s.u. | 0.010 | 101 | 98 | 102 | | | |
| Method: | A4500-H B | | | | · | | | Bat | ch: 090 | 0421_1_PH-V | N_555A-1 |
| Sample ID: | C09040674-006ADUF | P Sa | ample Duplic | ate | | | Run: ORIO | N555A_090421A | | 04/21 | /09 15:21 |
| ρΗ | | | 7.90 | s.u. | 0.010 | | | | 0.8 | 10 | |
| Sample ID: | C09040674-016ADUF | P Sa | ample Duplic | ate | | | Run: ORIO | N555A_090421A | | 04/21 | /09 15:47 |
| pН | | | 8.75 | s.u. | 0.010 | | | | 0 | 10 | |
| Method: | A4500-H B | | | | | 1.00 | | Analytica | l Run: | ORION555A | _090422A |
| Sample ID: | ICV1_090422_1 | In | itial Calibrati | on Verificatio | n Standard | | | | | 04/22 | /09 11:13 |
| pН | | | 6.82 | s.u. | 0.010 | 99 | 98 | 102 | | | |
| Method: | A4500-H B | | | | | | | Ba | tch: 09 | 0422_1_PH-\ | N_555A-1 |
| Sample ID: | C09040675-002ADUF | o Sa | ample Duplic | ate | | | Run: ORIO | N555A_090422A | | 04/22 | /09 11:40 |
| рН | | | 8.42 | s.u. | 0.010 | | | | 0.1 | 10 | |
| Method: | E200.7 | | | | | | | · · · · · · · · · · · · · · · · · · · | | Bat | tch: 22129 |
| Sample ID: | MB-22129 | . <u>2</u> M | ethod Blank | | | | Run: ICP3- | C_090504A | | 05/05 | /09 01:16 |
| Iron | | | ND | mg/L | 0.02 | | | | | | |
| Manganese | е | | ND | mg/L | 0.02 | | | | | | |
| Sample ID: | LCS3-22129 | <u>2</u> La | aboratory Co | ntrol Sample | | | Run: ICP3- | C_090504A | | 05/05 | /09 01:36 |
| Iron | | | 2.21 | mg/L | 0.030 | 88 | 85 | 115 | | | |
| Manganese | е | | 2.18 | mg/L | 0.020 | 87 | 85 | 115 | | | |
| Sample ID: | C09040770-001AMS | 3 <u>2</u> S | ample Matrix | Spike | | | Run: ICP3- | C_090504A | | 05/05 | /09 03:22 |
| Iron | | | 6.26 | mg/L | 0.030 | 101 | 70 | 130 | | | |
| Manganese | е | | 2.69 | mg/L | 0.020 | 97 | 70 | 130 | | | |
| Sample ID: | C09040770-001AMS | D <u>2</u> S | ample Matrix | Spike Dupli | cate | | Run: ICP3- | C_090504A | | 05/05 | 6/09 03:27 |
| Iron | | | 6.62 | mg/L | 0.030 | 116 | 70 | 130 | 5.6 | 20 | |
| Manganese | e | | 2.82 | mg/L | 0.020 | 102 | 70 | 130 | 4.5 | 20 | |



Client: UR Energy USA Inc

Report Date: 06/09/09

Project: Lost Creek

Work Order: C09040674

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------|--------------|--------------|--------------|--------|------|------------|------------|-----|----------|------------|
| Method: E200.7 | | | | | | | | | Batch | R117290 |
| Sample ID: MB-090423A | <u>14</u> Me | thod Blank | | | | Run: ICP2- | C_090423A | | 04/23 | /09 12:10 |
| Aluminum | | ND | mg/L | 0.03 | | | | | | |
| Barium | | ND | mg/L | 0.0008 | | | | | | |
| Boron | | ND | mg/L | 0.03 | | | | | | |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Chromium | | ND | mg/L | 0.006 | | | | | | |
| Iron | | 0.01 | mg/L | 0.005 | | | | | | |
| Magnesium | | ND | mg/L | 0.09 | | | | | | |
| Manganese | | ND | mg/L | 0.001 | | | | | | |
| Molybdenum | | ND | mg/L | 0.03 | | | | | | |
| Nickel | | ND | mg/L | 0.009 | | | | | | |
| Potassium | | ND | mg/L | 0.1 | | | | | | |
| Silicon | | ND | mg/L | 0.01 | | | | | | |
| Sodium | | ND | mg/L | 0.2 | | | | | | |
| Vanadium | | ND | mg/L | 0.2 | | | | | | |
| Sample ID: LFB-090423A | <u>14</u> La | boratory For | tified Blank | | | Run: ICP2- | C_090423A | | 04/23 | /09 12:14 |
| Aluminum | | 0.954 | mg/L | 0.10 | 95 | 85 | 115 | | | |
| Barium | | 0.971 | mg/L | 0.10 | 97 | 85 | 115 | | | |
| Boron | | 0.990 | mg/L | 0.10 | 99 | 85 | 115 | | | |
| Calcium | | 49.8 | mg/L | 0.50 | 100 | 85 | 115 | | | |
| Chromium | | 0.991 | mg/L | 0.050 | 99 | 85 | 115 | | | |
| iron | | 1.00 | mg/L | 0.030 | 99 | 85 | 115 | | | |
| Magnesium | | 48.1 | mg/L | 0.50 | 96 | 85 | 115 | | | |
| Manganese | | 0.963 | mg/L | 0.010 | 96 | 85 | 115 | | | |
| Molybdenum | | 0.956 | mg/L | 0.10 | 96 | 85 | 115 | | | |
| Nickel | | 0.981 | mg/L | 0.050 | 98 | 85 | 115 | | | |
| Potassium | | 47.9 | mg/L | 0.50 | 96 | 85 | 115 | | | |
| Silicon | | 0.390 | mg/L | 0.015 | 98 | 85 | 115 | | | |
| Sodium | | 47.9 | mg/L | 0.50 | 96 | 85 | 115 | | | |
| Vanadium | | 1.02 | mg/L | 0.16 | 102 | 85 | 115 | | | |
| Sample ID: MB-22103 | <u>14</u> Me | thod Blank | | | | Run: ICP2- | C_090423A | | 04/23 | 3/09 18:14 |
| Aluminum | | ND | mg/L | 0.06 | | | | | | |
| Barium | | ND | mg/L | 0.002 | | | | | | |
| Boron | | ND | mg/L | 0.06 | | | | | | |
| Calcium | | ND | mg/L | 0.5 | | | | | | |
| Chromium | | ND | mg/L | 0.01 | | | | | | |
| Iron | | ND | mg/L | 0.01 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Molybdenum | | ND | mg/L | 0.05 | | | | | | |
| Nickel | | ND | mg/L | 0.02 | | | | | | |
| Potassium | | ND | mg/L | 0.2 | | | | | | |
| Silicon | | 0.2 | mg/L | 0.04 | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/09/09 Work Order: C09040674

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|-------------|-----------------|-------|------|-------------|------------|-----|----------|-----------|
| Method: E200.7 | | | | | | | | | Batch: | R117290 |
| Sample ID: MB-22103 | <u>14</u> Me | thod Blank | | | | Run: ICP2-0 | C_090423A | | 04/23/ | 09 18:14 |
| Sodium | | ND | mg/L | 0.5 | | | | | | |
| Vanadium | | -0.001 | mg/L | | | | | | | |
| Sample ID: C09040674-006BMS2 | 2 <u>14</u> Sa | mple Matrix | Spike | | | Run: ICP2-0 | C_090423A | | 04/23/ | 09 18:43 |
| Aluminum | | 1.87 | mg/L | 0.10 | 93 | 70 | 130 | | | |
| Barium | | 2.00 | mg/L | 0.10 | 99 | 70 | 130 | | | |
| Boron | | 2.03 | mg/L | 0.10 | 102 | 70 | 130 | | | |
| Calcium | | 209 | mg/L | 1.0 | 101 | 70 | 130 | | | |
| Chromium | | 1.98 | mg/L | 0.050 | 99 | 70 | 130 | | | |
| Iron | | 1.97 | mg/L | 0.030 | 98 | 70 | 130 | | | |
| Magnesium | | 102 | mg/L | 1.0 | 97 | 70 | 130 | | | |
| Manganese | | 1.99 | mg/L | 0.010 | 99 | 70 | 130 | | | |
| Molybdenum | | 1.76 | mg/L | 0.10 | 88 | 70 | 130 | | | |
| Nickel | | 1.96 | mg/L | 0.050 | 98 | 70 | 130 | | | |
| Potassium | | 87.7 | mg/L | 1.0 | 84 | 70 | 130 | | | |
| Silicon | | 7.97 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | | 133 | mg/L | 1.0 | 103 | 70 | 130 | | | |
| Vanadium | | 2.01 | mg/L | 0.10 | 101 | 70 | 130 | | | |
| Sample ID: C09040674-006BMSI | D <u>14</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP2-0 | C_090423A | | | /09 18:47 |
| Aluminum | | 1.95 | mg/L | 0.10 | 97 | 70 | 130 | 4.2 | 20 | |
| Barium | | 1.91 | mg/L | 0.10 | 94 | 70 | 130 | 4.7 | 20 | |
| Boron | | 2.04 | mg/L | 0.10 | 102 | | 130 | 0.2 | 20 | |
| Calcium | | 200 | mg/L | 1.0 | 93 | | 130 | 4.3 | 20 | |
| Chromium | | 1.97 | mg/L | 0.050 | 98 | 70 | 130 | 0.5 | 20 | |
| Iron | | 1.98 | mg/L | 0.030 | 99 | 70 | 130 | 8.0 | 20 | |
| Magnesium | | 103 | mg/L | 1.0 | 99 | 70 | 130 | 1.7 | 20 | |
| Manganese | | 1.95 | mg/L | 0.010 | 97 | 70 | 130 | 2 | 20 | |
| Molybdenum | | 1.96 | mg/L | 0.10 | 98 | 70 | 130 | 11 | 20 | |
| Nickel | | 1.94 | mg/L | 0.050 | 97 | 70 | 130 | 1.3 | 20 | |
| Potassium | | 87.9 | mg/L | 1.0 | 85 | | 130 | 0.2 | 20 | _ |
| Silicon | | 7.87 | mg/L | 0.10 | | 70 | 130 | 1.3 | 20 | Α |
| Sodium | | 134 | mg/L | 1.0 | 103 | | 130 | 0.3 | 20 | |
| Vanadium | | 2.01 | mg/L | 0.10 | 101 | 70 | 130 | 0.2 | 20 | |
| Sample ID: C09040674-016BMS | 2 <u>14</u> Sa | mple Matrix | | | | Run: ICP2- | | | 04/23 | /09 20:32 |
| Aluminum | | 1.98 | mg/L | 0.10 | 99 | | 130 | | | |
| Barium | | 2.01 | mg/L | 0.10 | 100 | | 130 | | | |
| Boron | | 2.06 | mg/L | 0.10 | 103 | | 130 | | | |
| Calcium | | 152 | mg/L | 1.0 | 99 | | 130 | | | |
| Chromium . | | 1.99 | mg/L | 0.050 | 100 | | 130 | | | |
| Iron | | 1.92 | mg/L | 0.030 | 96 | | 130 | | | |
| Magnesium | | 99.6 | mg/L | 1.0 | 98 | | 130 | | | |
| Manganese | | 1.98 | mg/L | 0.010 | 99 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



UR Energy USA Inc

Report Date: 06/09/09 Work Order: C09040674

Project: Lost Creek

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|----------------|--------------|-----------------|-------|------|------------|------------|-----|----------|-----------|
| Method: E200.7 | | | | | | | | | Batch: | R117290 |
| Sample ID: C09040674-016BMS | 2 <u>14</u> Sa | mple Matrix | Spike | | | Run: ICP2- | C_090423A | | 04/23 | /09 20:32 |
| Molybdenum | | 2.07 | mg/L | 0.10 | 104 | 70 | 130 | | | |
| Nickel | | 2.00 | mg/L | 0.050 | 100 | 70 | 130 | | | |
| Potassium | | 89.6 | mg/L | 1.0 | 85 | 70 | 130 | | | |
| Silicon | | 6.90 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | | 133 | mg/L | 1.0 | 102 | 70 | 130 | | | |
| Vanadium | | 2.01 | mg/L | 0.33 | 100 | 70 | 130 | | | |
| Sample ID: C09040674-016BMS | D <u>14</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP2- | C_090423A | | 04/23 | /09 20:36 |
| Aluminum | | 1.92 | mg/L | 0.10 | 96 | 70 | 130 | 3 | 20 | |
| Barium | | 2.01 | mg/L | 0.10 | 100 | 70 | 130 | 0.1 | 20 | |
| Boron | | 2.12 | mg/L | 0.10 | 106 | 70 | 130 | 2.9 | 20 | |
| Calcium | | 149 | mg/L | 1.0 | 96 | 70 | 130 | 1.9 | 20 | |
| Chromium | | 1.99 | mg/L | 0.050 | 100 | 70 | 130 | 0.1 | 20 | |
| Iron | | 1.97 | mg/L | 0.030 | 99 | 70 | 130 | 2.6 | 20 | |
| Magnesium | | 99.0 | mg/L | 1.0 | 98 | 70 | 130 | 0.6 | 20 | |
| Manganese | | 1.99 | mg/L | 0.010 | 99 | 70 | 130 | 0.3 | 20 | |
| Molybdenum | | 2.10 | mg/L | 0.10 | 105 | 70 | 130 | 1.2 | 20 | |
| Nickel | | 1.97 | mg/L | 0.050 | 99 | 70 | 130 | 1.4 | 20 | |
| Potassium | | 90.4 | mg/L | 1.0 | 86 | 70 | 130 | 0.9 | 20 | |
| Silicon | | 6.79 | mg/L | 0.10 | | 70 | 130 | 1.7 | 20 | Α |
| Sodium | | 132 | mg/L | 1.0 | 101 | 70 | 130 | 0.9 | 20 | |
| Vanadium | | 1.98 | mg/L | 0.33 | 98 | 70 | 130 | 1.2 | 20 | |
| Method: E200.7 | | | | | | | | | Batch | R11733 |
| Sample ID: LRB | Me | thod Blank | | | | Run: ICP3- | C_090424A | | 04/24 | /09 13:15 |
| Iron | | 0.05 | mg/L | 0.01 | | | | | | |
| Sample ID: LFB | La | boratory Fo | rtified Blank | | | Run: ICP3- | C_090424A | | 04/24 | /09 13:19 |
| Iron | | 5.68 | mg/L | 0.030 | 113 | 85 | 115 | | | |
| Sample ID: C09030815-001BMS | Sa | mple Matrix | Snike | | | Run: ICP3- | C_090424A | | 04/24 | /09 13:46 |
| Iron | | 0.586 | mg/L | 0.030 | 105 | 70 | 130 | | | |
| Sample ID: C09030815-001BMS | D Sa | mple Matrix | Spike Duplicate | | | Run: ICP3- | C_090424A | | 04/24 | /09 13:50 |
| Iron | | 0.593 | mg/L | 0.030 | 106 | 70 | 130 | 1.3 | 20 | |
| Sample ID: MB-22131 | Me | ethod Blank | | | | Run: ICP3- | C_090424A | | 04/24 | /09 14:12 |
| Iron | | 0.02 | mg/L | 0.01 | | | _ | | | |
| Sample ID: C09040674-018CMS | Sa | ımple Matrix | Spike | | | Run: ICP3- | C_090424A | | 04/24 | /09 15:00 |
| Iron | | 0.681 | mg/L | 0.030 | 130 | 70 | 130 | | | |
| Sample ID: C09040674-018CMS | D Sa | ımple Matrix | Spike Duplicate | | | Run: ICP3- | C_090424A | | 04/24 | /09 15:05 |
| | | | | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



Client: UR Energy USA Inc Report Date: 06/09/09

Project: Lost Creek Work Order: C09040674

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|--------------|----------------|-------|------|------------|------------|-----|----------|-----------|
| Method: E200.7 | | | | | | | | | Batch | : R117688 |
| Sample ID: LRB | <u>9</u> Me | thod Blank | | | | Run: ICP3- | C_090501A | | 05/01 | /09 15:19 |
| Barium | | ND | mg/L | 0.003 | | | _ | | | |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Iron | | 0.05 | mg/L | 0.01 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Potassium | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Vanadium | | ND | mg/L | 0.002 | | | | | | |
| Zinc | | ND | mg/L | 0.008 | | | | | | |
| Sample ID: LFB | <u>9</u> Lal | oratory Fort | ified Blank | | | Run: ICP3- | C_090501A | | 05/01 | /09 15:24 |
| Barium | | 0.951 | mg/L | 0.10 | 95 | 85 | 115 | | | |
| Calcium | | 46.4 | mg/L | 0.50 | 93 | 85 | 115 | | | |
| Iron | | 4.86 | mg/L | 0.030 | 96 | 85 | 115 | | | |
| Magnesium | | 47.5 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Manganese | | 4.69 | mg/L | 0.010 | 94 | 85 | 115 | | | |
| Potassium | | 44.9 | mg/L | 0.50 | 90 | 85 | 115 | | | |
| Sodium | | 45.5 | mg/L | 0.50 | 91 | 85 | 115 | | | |
| Vanadium | | 0.952 | mg/L | 0.10 | 95 | 85 | 115 | | | |
| Zinc | | 0.985 | mg/L | 0.010 | 99 | 85 | 115 | | | |
| Sample ID: C09040592-004CMS | <u>9</u> Sa | mple Matrix | Spike | | | Run: ICP3- | C_090501A | | 05/01 | /09 15:45 |
| Barium | | 2.34 | mg/L | 0.10 | 92 | 70 | 130 | | | |
| Calcium | | 564 | mg/L | 1.0 | 89 | 70 | 130 | | | |
| Iron | | 11.1 | mg/L | 0.069 | 88 | 70 | 130 | | | |
| Magnesium | | 384 | mg/L | 1.0 | 91 | 70 | 130 | | | |
| Manganese | | 3.66 | mg/L | 0.016 | 93 | 70 | 130 | | | |
| Potassium | | 234 | mg/L | 1.0 | 89 | 70 | 130 | | | |
| Sodium | | 424 | mg/L | 1.0 | 89 | 70 | 130 | | | |
| Vanadium | | 2.36 | mg/L | 0.10 | 92 | 70 | 130 | | | |
| Zinc | | 2.65 | mg/L | 0.041 | 92 | 70 | 130 | | | |
| Sample ID: C09040592-004CMSI | D <u>9</u> Sa | mple Matrix | Spike Duplicat | e | | Run: ICP3- | C_090501A | | 05/01 | /09 15:50 |
| Barium | | 2.32 | mg/L | 0.10 | 91 | 70 | 130 | 0.6 | 20 | |
| Calcium | | 559 | mg/L | 1.0 | 87 | 70 | 130 | 0.9 | 20 | |
| Iron | | 11.0 | mg/L | 0.069 | 82 | 70 | 130 | 1.3 | 20 | |
| Magnesium | | 380 | mg/L | 1.0 | 89 | 70 | 130 | 1 | 20 | |
| Manganese | | 3.61 | mg/L | 0.016 | 91 | 70 | 130 | 1.3 | 20 | |
| Potassium | | 232 | mg/L | 1.0 | 89 | 70 | 130 | 0.9 | 20 | |
| Sodium | | 420 | mg/L | 1.0 | 87 | 70 | 130 | 1.1 | 20 | |
| Vanadium | | 2.34 | mg/L | 0.10 | 92 | 70 | 130 | 0.5 | 20 | |
| Zinc | | 2.62 | mg/L | 0.041 | 91 | 70 | 130 | 1.3 | 20 | |
| Sample ID: MB-21862 | <u>9</u> Me | thod Blank | | | | Run: ICP3- | C_090501A | | 05/01 | /09 17:44 |
| Barium | | ND | mg/L | 0.003 | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 06/09/09

Project: Lost Creek

Work Order: C09040674

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|-------------|-----------------|-------|------|-------------|--------------|-----|----------|-----------|
| Method: E200.7 | | | | | | | . | | Batch: | R117688 |
| Sample ID: MB-21862 | <u>9</u> Me | thod Blank | | | | Run: ICP3- | C_090501A | | 05/01 | /09 17:44 |
| Calcium | | ND | mg/L | 0.2 | | | _ | | | |
| Iron | | ND | mg/L | 0.01 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Potassium | | 0.05 | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Vanadium | | ND | mg/L | 0.002 | | | | | | |
| Zinc | | ND | mg/L | 0.008 | | | | | | |
| Sample ID: C09040234-001BMS | <u>9</u> Sa | mple Matrix | Spike | | | Run: ICP3-0 | C_090501A | | 05/01/ | /09 18:01 |
| Barium | | 2.29 | mg/L | 0.10 | 90 | 70 | 130 | | | |
| Calcium | | 234 | mg/L | 1.0 | 92 | 70 | 130 | | | |
| Iron | | 2.32 | mg/L | 0.069 | 91 | 70 | 130 | | | |
| Magnesium | | 238 | mg/L | 1.0 | 93 | 70 | 130 | | | |
| Manganese | | 2.31 | mg/L | 0.016 | 91 | 70 | 130 | | | |
| Potassium | | 229 | mg/L | 1.0 | 89 | 70 | 130 | | | |
| Sodium | | 474 | mg/L | 1.0 | 88 | 70 | 130 | | | |
| Vanadium | | 2.31 | mg/L | 0.10 | 91 | 70 | 130 | | | |
| Zinc | | 2.53 | mg/L | 0.041 | 99 | 70 | 130 | | | |
| Sample ID: C09040234-001BMSI | D <u>9</u> Sai | mple Matrix | Spike Duplicate | | | Run: ICP3-0 | C_090501A | | 05/01/ | 09 18:06 |
| Barium | | 2.33 | mg/L | 0.10 | 91 | 70 | 130 | 1.9 | 20 | |
| Calcium | | 232 | mg/L | 1.0 | 91 | 70 | 130 | 1 | 20 | |
| Iron | | 2.36 | mg/L | 0.069 | 93 | 70 | 130 | 1.6 | 20 | |
| Magnesium | | 232 | mg/L | 1.0 | 91 | 70 | 130 | 2.4 | 20 | |
| Manganese | | 2.32 | mg/L | 0.016 | 91 | 70 | 130 | 0.1 | 20 | |
| Potassium | | 228 | mg/L | 1.0 | 89 | 70 | 130 | 0.5 | 20 | |
| Sodium | | 470 | mg/L | 1.0 | 87 | 70 | 130 | 0.8 | 20 | |
| Vanadium | | 2.33 | mg/L | 0.10 | 91 | 70 | 130 | 0.9 | 20 | |
| Zinc | | 2.59 | mg/L | 0.041 | 102 | 70 | 130 | 2.5 | 20 | |

RL - Analyte reporting limit.



Client: UR Energy USA Inc

Report Date: 06/09/09
Work Order: C09040674

Project: Lost Creek

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|-------------|-----------------|-------|------|-------------|------------|-----|----------|-----------|
| Method: E200.7 | | | | | | | | | Batch: | R117920 |
| Sample ID: MB-090507A | <u>5</u> Me | thod Blank | | | | Run: ICP2- | C_090507A | | 05/07 | /09 11:30 |
| Aluminum | | ND | mg/L | 0.01 | | | | | | |
| Boron | | ND | mg/L | 0.03 | | | | | | |
| Iron | | ND | mg/L | 0.005 | | | | | | |
| Manganese | | ND | mg/L | 0.001 | | | | | | |
| Silicon | | ND | mg/L | 0.01 | | | | | | |
| Sample ID: LFB-090507A | <u>5</u> Lat | oratory For | tified Blank | | | Run: ICP2- | C_090507A | | 05/07 | /09 11:34 |
| Aluminum | | 0.981 | mg/L | 0.10 | 98 | 85 | 115 | | | |
| Boron | | 0.988 | mg/L | 0.10 | 99 | 85 | 115 | | | |
| Iron | | 0.934 | mg/L | 0.030 | 93 | 85 | 115 | | | |
| Manganese | | 0.933 | mg/L | 0.010 | 93 | 85 | 115 | | | |
| Silicon | | 0.451 | mg/L | 0.015 | 113 | 85 | 115 | | | |
| Sample ID: MB-22103 | <u>5</u> Me | thod Blank | | | | Run: ICP2- | C_090507A | | 05/07 | /09 12:27 |
| Aluminum | _ | ND | mg/L | 0.06 | | | _ | | | |
| Boron | | ND | mg/L | 0.06 | | | | | | |
| Iron | | ND | mg/L | 0.01 | | | | | | |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Silicon | | ND | mg/L | 0.03 | | | | | | |
| Sample ID: C09040674-022BMS2 | 2 <u>5</u> Sar | nple Matrix | Spike | | | Run: ICP2-0 | C_090507A | | 05/07 | /09 12:35 |
| Aluminum | | 1.86 | mg/L | 0.10 | 93 | 70 | 130 | | | |
| Boron | | 2.18 | mg/L | 0.10 | 109 | 70 | 130 | | | |
| Iron | | 1.90 | mg/L | 0.030 | 95 | 70 | 130 | | | |
| Manganese | | 1.94 | mg/L | 0.010 | 97 | 70 | 130 | | | |
| Silicon | | 0.843 | mg/L | 0.10 | 105 | 70 | 130 | | | |
| Sample ID: C09040674-022BMSI | D <u>5</u> Sar | nple Matrix | Spike Duplicate | | | Run: ICP2-0 | C_090507A | | 05/07 | /09 12:39 |
| Aluminum | | 1.76 | mg/L | 0.10 | 88 | 70 | 130 | 5.4 | 20 | |
| Boron | | 2.13 | mg/L | 0.10 | 107 | 70 | 130 | 2.4 | 20 | |
| Iron | | 1.87 | mg/L | 0.030 | 94 | 70 | 130 | 1.5 | 20 | |
| Manganese | | 1.93 | mg/L | 0.010 | 96 | 70 | 130 | 0.7 | 20 | |
| Silicon | | 0.883 | mg/L | 0.10 | 110 | 70 | 130 | 4.6 | 20 | |
| Sample ID: C09040674-009CMS2 | 2 <u>5</u> Sar | mple Matrix | Spike | | | Run: ICP2- | C_090507A | | 05/07 | /09 15:41 |
| Aluminum | | 2.18 | mg/L | 0.16 | 109 | 70 | 130 | | | |
| Boron | | 2.18 | mg/L | 0.10 | 109 | 70 | 130 | | | |
| Iron | | 2.01 | mg/L | 0.067 | 100 | 70 | 130 | | | |
| Manganese | | 2.08 | mg/L | 0.014 | 104 | 70 | 130 | | | |
| Silicon | | 8.00 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sample ID: C09040674-009CMSI | D <u>5</u> Sar | mple Matrix | Spike Duplicate | | | Run: ICP2- | C_090507A | | 05/07 | /09 15:45 |
| Aluminum | | 2.22 | mg/L | 0.16 | 111 | 70 | 130 | 2 | 20 | |
| Boron | | 2.01 | mg/L | 0.10 | 101 | 70 | 130 | 7.9 | 20 | |
| Iron | | 1.93 | mg/L | 0.067 | 96 | 70 | 130 | 4.1 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



Client: UR Energy USA Inc

Report Date: 06/09/09

Project: Lost Creek

Work Order: C09040674

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|-------------|-----------------|-------|------|------------|------------|-----|----------|----------|
| Method: E200.7 | | | | | | | | | Batch: | R117920 |
| Sample ID: C09040674-009CMSI | D <u>5</u> Sai | mple Matrix | Spike Duplicate | | | Run: ICP2- | C_090507A | | 05/07 | 09 15:45 |
| Manganese | | 2.00 | mg/L | 0.014 | 100 | 70 | 130 | 3.7 | 20 | |
| Silicon | | 7.54 | mg/L | 0.10 | | 70 | 130 | 5.9 | 20 | Α |



Project: Lost Creek

QA/QC Summary Report

Client: UR Energy USA Inc

Report Date: 06/09/09

Work Order: C09040674

Count Result Units **RL %REC Low Limit High Limit** RPD RPDLimit Analyte Qual E200.7 Batch: R118327 Method: Sample ID: MB-090518A Run: ICP2-C_090518A 05/18/09 13:08 15 Method Blank mg/L 0.03 Aluminum ND Barium ND mg/L 0.0008 ND 0.03 Boron mg/L ND mg/L 0.2 Calcium Chromium ND mg/L 0.006 Iron ND mg/L 0.005 Magnesium ND mg/L 0.09 ND Manganese mg/L 0.001 mg/L ND 0.03 Molybdenum Nickel ND mg/L 0.009 ND Potassium mg/L 0.1 Silicon 0.04 mg/L 0.01 Sodium ND mg/L 0.2 Vanadium ND mg/L 0.2 Zinc ND mg/L 0.01 05/18/09 13:12 Sample ID: LFB-090518A 15 Laboratory Fortified Blank Run: ICP2-C_090518A 0.10 85 115 Aluminum 0.938 mg/L 94 0.972 0.10 97 85 115 Barium mg/L 85 115 Boron 1.01 mg/L 0.10 101 49.6 0.50 99 85 115 Calcium mg/L 85 115 0.976 mg/L 0.050 98 Chromium 0.942 0.030 94 85 115 Iron mg/L 85 115 49.8 mg/L 0.50 100 Magnesium 0.973 0.010 97 85 115 Manganese mg/L 115 0.978 0.10 85 mg/L 98 Molybdenum 0.949 0.050 85 115 Nickel mg/L 95 85 115 0.50 Potassium 47.3 mg/L 95 0.452 0.015 104 85 115 Silicon mg/L 47.9 0.50 96 85 115 Sodium mg/L 1.01 0.16 101 85 115 Vanadium mg/L 0.994 0.014 85 115 Zinc 99 mg/L Sample ID: C09050081-001BMS2 15 Sample Matrix Spike Run: ICP2-C_090518A 05/18/09 16:24 0.10 101 70 130 Aluminum 2.14 mg/L Barium 2.03 mg/L 0.10 97 70 130 Boron 2.17 mg/L 0.10 106 70 130 200 70 130 Calcium mg/L 1.0 103 2.02 0.050 70 130 Chromium mg/L 99 70 2.04 0.030 130 Iron mg/L 100 Magnesium 105 mg/L 1.0 101 70 130 70 130 2.02 0.010 99 Manganese mg/L Molybdenum 1.99 0.10 98 70 130 mg/L 2.06 0.050 101 70 130 Nickel mg/L

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 06/09/09

Project: Lost Creek

Work Order: C09040674

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|-------------|-----------------|-------|------|------------|--------------|-----|----------|-----------|
| Method: E200.7 | | | | | | • | | | Batch: | R118327 |
| Sample ID: C09050081-001BMS | 2 <u>15</u> Sa | mple Matrix | Spike | | | Run: ICP2- | C_090518A | | 05/18 | /09 16:24 |
| Potassium | | 103 | mg/L | 1.0 | 93 | 70 | 130 | | | |
| Silicon | | 8.32 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | | 131 | mg/L | 1.0 | 98 | 70 | 130 | | | |
| Vanadium | | 2.01 | mg/L | 0.33 | 99 | 70 | 130 | | | |
| Zinc | | 2.03 | mg/L | 0.027 | 100 | 70 | 130 | | | |
| Sample ID: C09050081-001BMSI | D <u>15</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP2- | C_090518A | | 05/18 | /09 16:29 |
| Aluminum | | 2.11 | mg/L | 0.10 | 99 | 70 | 130 | 1.2 | 20 | |
| Barium | | 2.06 | mg/L | 0.10 | 98 | 70 | 130 | 1.2 | 20 | |
| Boron | | 2.19 | mg/L | 0.10 | 107 | 70 | 130 | 0.8 | 20 | |
| Calcium | | 198 | mg/L | 1.0 | 102 | 70 | 130 | 0.8 | 20 | |
| Chromium | | 2.04 | mg/L | 0.050 | 100 | 70 | 130 | 1.1 | 20 | |
| Iron | | 2.04 | mg/L | 0.030 | 100 | 70 | 130 | 0.4 | 20 | |
| Magnesium | | 102 | mg/L | 1.0 | 98 | 70 | 130 | 2.8 | 20 | |
| Manganese | | 2.01 | mg/L | 0.010 | 99 | 70 | 130 | 0.3 | 20 | |
| Molybdenum | | 2.01 | mg/L | 0.10 | 99 | 70 | 130 | 0.9 | 20 | |
| Nickel | | 2.01 | mg/L | 0.050 | 98 | 70 | 130 | 2.5 | 20 | |
| Potassium | | 104 | mg/L | 1.0 | 94 | 70 | 130 | 0.8 | 20 | |
| Silicon | | 8.24 | mg/L | 0.10 | | 70 | 130 | 0.9 | 20 | Α |
| Sodium | | 131 | mg/L | 1.0 | 98 | 70 | 130 | 0 | 20 | |
| Vanadium | | 2.05 | mg/L | 0.33 | 101 | 70 | 130 | 1.9 | 20 | |
| Zinc | | 2.03 | mg/L | 0.027 | 100 | 70 | 130 | 0 | 20 | |
| Method: E200.8 | | | | | | | | | Bat | ch: 22129 |
| Sample ID: C09040866-009BMS4 | 4 Sa | mple Matrix | Spike | | | Run: ICPM | S4-C_090427B | | 04/28 | /09 04:04 |
| Manganese | | 0.0528 | mg/L | 0.010 | 96 | 70 | 130 | | | |
| Sample ID: C09040866-009BMSI | D Sa | mple Matrix | Spike Duplicate | | | Run: ICPM | S4-C_090427B | | 04/28 | /09 04:11 |
| Manganese | | 0.0514 | mg/L | 0.010 | 93 | 70 | 130 | 2.8 | 20 | |
| Sample ID: MB-22129 | Me | thod Blank | | | | Run: ICPM | S4-C_090427B | | 04/28 | /09 04:24 |
| Manganese | | 0.0001 | mg/L | 4E-05 | | | | | | |
| Sample ID: LCS3-22129 | La | boratory Co | ntrol Sample | | | Run: ICPM | S4-C_090427B | | 04/28 | /09 04:31 |
| Manganese | | 2.77 | mg/L | 0.010 | 111 | 85 | 115 | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



Client: UR Energy USA Inc

Report Date: 06/09/09

Project: Lost Creek

Work Order: C09040674

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------------|-------------|--------------|---------|------|------------|--------------|-----|----------|-----------|
| Method: E200.8 | - | | | | | | | | Batch: | R117340 |
| Sample ID: LRB | <u>9</u> Me | thod Blank | | | | Run: ICPMS | S2-C_090424A | | 04/24 | /09 13:10 |
| Arsenic | _ | ND | mg/L | 0.0003 | | | _ | | | |
| Cadmium | | ND | mg/L | 6E-05 | | | | | | |
| Copper | | ND | mg/L | 4E-05 | | | | | | |
| Lead | | ND | mg/L | 2E-05 | | | | | | |
| Mercury | | ND | mg/L | 4E-05 | | | | | | |
| Molybdenum | | ND | mg/L | 4E-05 | | | | | | |
| Selenium | | ND | mg/L | 0.001 | | | | | | |
| Uranium | | ND | mg/L | 8E-06 | | | | | | |
| Vanadium | | ND | mg/L | 9E-05 | | | | | | |
| Sample ID: LFB | <u>9</u> Lat | oratory For | tified Blank | | | Run: ICPM | S2-C_090424A | | 04/24 | /09 13:17 |
| Arsenic | | 0.0507 | mg/L | 0.0010 | 101 | 85 | 115 | | | |
| Cadmium | | 0.0503 | mg/L | 0.0010 | 101 | 85 | 115 | | | |
| Copper | | 0.0488 | mg/L | 0.0010 | 98 | 85 | 115 | | | |
| Lead | | 0.0498 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Mercury | | 0.00511 | mg/L | 0.0010 | 102 | 85 | 115 | | | |
| Molybdenum | | 0.0510 | mg/L | 0.0010 | 102 | 85 | 115 | | | |
| Selenium | | 0.0502 | mg/L | 0.0014 | 100 | 85 | 115 | | | |
| Uranium | | 0.0494 | mg/L | 0.00030 | 99 | 85 | 115 | | | |
| Vanadium | | 0.0500 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Sample ID: C09040674-002BMS4 | 9 Sa | mple Matrix | Spike | | | Run: ICPM | S2-C_090424A | | 04/24 | /09 22:37 |
| Arsenic | | 0.0507 | mg/L | 0.0010 | 96 | 70 | 130 | | | |
| Cadmium | | 0.0486 | mg/L | 0.010 | 97 | 70 | 130 | | | |
| Copper | | 0.0465 | mg/L | 0.010 | 93 | 70 | 130 | | | |
| Lead | | 0.0486 | mg/L | 0.040 | 97 | 70 | 130 | | | |
| Mercury | | 0.00496 | mg/L | 0.0010 | 99 | 70 | 130 | | | |
| Molybdenum | | 0.0514 | mg/L | 0.040 | 101 | 70 | 130 | | | |
| Selenium | | 0.0473 | mg/L | 0.0010 | 93 | 70 | 130 | | | |
| Uranium | | 0.0893 | mg/L | 0.00030 | 105 | 70 | 130 | | | |
| Vanadium | | 0.0489 | mg/L | 0.040 | 98 | 70 | 130 | | | |
| Sample ID: C09040674-002BMSI | O <u>9</u> Sa | • | Spike Dupli | | | | S2-C_090424A | | | /09 22:44 |
| Arsenic | | 0.0511 | mg/L | 0.0010 | 97 | 70 | 130 | 0.9 | 20 | |
| Cadmium | | 0.0482 | mg/L | 0.010 | 96 | 70 | 130 | 0.9 | 20 | |
| Copper | | 0.0465 | mg/L | 0.010 | 93 | 70 | 130 | 0 | 20 | |
| Lead | | 0.0488 | mg/L | 0.040 | 97 | 70 | 130 | 0.3 | 20 | |
| Mercury | | 0.00496 | mg/L | 0.0010 | 99 | 70 | 130 | 0.1 | 20 | |
| Molybdenum | | 0.0509 | mg/L | 0.040 | 100 | 70 | 130 | 1 | 20 | |
| Selenium | | 0.0479 | mg/L | 0.0010 | 94 | 70 | 130 | 1.4 | 20 | |
| Uranium | | 0.0907 | mg/L | 0.00030 | 108 | 70 | 130 | 1.6 | 20 | |
| Vanadium | | 0.0499 | mg/L | 0.040 | 100 | 70 | 130 | 2 | 20 | |
| Sample ID: C09040674-012BMS4 | 4 <u>9</u> Sa | mple Matrix | | | | | S2-C_090424A | | 04/25 | /09 01:13 |
| Arsenic | | 0.0493 | mg/L | 0.0010 | 97 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 06/09/09

Project: Lost Creek

Work Order: C09040674

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------------|-------------|-------------|---------|------|-----------|--------------|-----|----------|-----------|
| Method: E200.8 | | | | | | | | | Batch: | R117340 |
| Sample ID: C09040674-012BMS4 | 9 Sa | mple Matrix | Spike | | | Run: ICPM | S2-C_090424A | | 04/25 | /09 01:13 |
| Cadmium | | 0.0484 | mg/L | 0.010 | 97 | 70 | 130 | | | |
| Copper | | 0.0449 | mg/L | 0.010 | 90 | 70 | 130 | | | |
| Lead | | 0.0483 | mg/L | 0.040 | 96 | 70 | 130 | | | |
| Mercury | | 0.00491 | mg/L | 0.0010 | 98 | 70 | 130 | | | |
| Molybdenum | | 0.0509 | mg/L | 0.040 | 100 | 70 | 130 | | | |
| Selenium | | 0.0473 | mg/L | 0.0010 | 94 | 70 | 130 | | | |
| Uranium | | 0.0744 | mg/L | 0.00030 | 102 | 70 | 130 | | | |
| Vanadium | | 0.0482 | mg/L | 0.040 | 96 | 70 | 130 | | | |
| Sample ID: C09040674-012BMSI | O <u>9</u> Sa | mple Matrix | Spike Dupli | cate | | Run: ICPM | S2-C_090424A | | 04/25 | /09 01:20 |
| Arsenic | | 0.0496 | mg/L | 0.0010 | 98 | 70 | 130 | 0.5 | 20 | |
| Cadmium | | 0.0483 | mg/L | 0.010 | 97 | 70 | 130 | 0.1 | 20 | |
| Copper | | 0.0444 | mg/L | 0.010 | 89 | 70 | 130 | 1.1 | 20 | |
| Lead | | 0.0482 | mg/L | 0.040 | 96 | 70 | 130 | 0.1 | 20 | |
| Mercury | | 0.00502 | mg/L | 0.0010 | 100 | 70 | 130 | 2.2 | 20 | |
| Molybdenum | | 0.0511 | mg/L | 0.040 | 101 | 70 | 130 | 0.5 | 20 | |
| Selenium | | 0.0482 | mg/L | 0.0010 | 96 | 70 | 130 | 1.7 | 20 | |
| Uranium | | 0.0745 | mg/L | 0.00030 | 102 | 70 | 130 | 0.1 | 20 | |
| Vanadium | | 0.0489 | mg/L | 0.040 | 98 | 70 | 130 | 1.5 | 20 | |
| Sample ID: C09040674-021BMS4 | 1 <u>9</u> Sa | mple Matrix | Spike | | | Run: ICPM | S2-C_090424A | | 04/25 | /09 03:02 |
| Arsenic | | 0.0490 | mg/L | 0.0010 | 96 | 70 | 130 | | | |
| Cadmium | | 0.0480 | mg/L | 0.010 | 96 | 70 | 130 | | | |
| Copper | | 0.0442 | mg/L | 0.010 | 88 | 70 | 130 | | | |
| Lead | | 0.0483 | mg/L | 0.040 | 97 | 70 | 130 | | | |
| Mercury | | 0.00504 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Molybdenum | | 0.0506 | mg/L | 0.040 | 99 | 70 | 130 | | | |
| Selenium | | 0.0473 | mg/L | 0.0010 | 94 | 70 | 130 | | | |
| Uranium | | 0.221 | mg/L | 0.00030 | 99 | 70 | 130 | | | |
| Vanadium | | 0.0486 | mg/L | 0.040 | 97 | 70 | 130 | | | |
| Sample ID: C09040674-021BMSI | D <u>9</u> Sa | mple Matrix | Spike Dupli | cate | | Run: ICPM | S2-C_090424A | | 04/25 | /09 03:09 |
| Arsenic | | 0.0492 | mg/L | 0.0010 | 96 | 70 | 130 | 0.5 | 20 | |
| Cadmium | | 0.0474 | mg/L | 0.010 | 95 | 70 | 130 | 1.3 | 20 | |
| Copper | | 0.0440 | mg/L | 0.010 | 88 | 70 | 130 | 0.3 | 20 | |
| Lead | | 0.0483 | mg/L | 0.040 | 97 | 70 | 130 | 0.1 | 20 | |
| Mercury | | 0.00513 | mg/L | 0.0010 | 103 | 70 | 130 | 1.8 | 20 | |
| Molybdenum | | 0.0501 | mg/L | 0.040 | 99 | 70 | 130 | 0.8 | 20 | |
| Selenium | | 0.0472 | mg/L | 0.0010 | 93 | 70 | 130 | 0.1 | 20 | |
| Uranium | | 0.219 | mg/L | 0.00030 | 96 | 70 | 130 | 0.7 | 20 | |
| Vanadium | | 0.0478 | mg/L | 0.040 | 96 | 70 | 130 | 1.8 | 20 | |

Qualifiers:

RL - Analyte reporting limit.



Project: Lost Creek

QA/QC Summary Report

Client: UR Energy USA Inc

Report Date: 06/09/09
Work Order: C09040674

| Analyte | Count Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|--------------|--------------------|--------|------|-----------|--------------|-----|----------|-----------|
| Method: E200.8 | | | | | | | | Batch | R11760 |
| Sample ID: LFB | Laboratory F | ortified Blank | | | Run: ICPM | S2-C_090430A | | 04/30 | /09 14:56 |
| Copper | 0.0545 | mg/L | 0.010 | 109 | 85 | 115 | | | |
| Sample ID: MB-22132 | Method Blan | k | | | Run: ICPM | S2-C_090430A | | 04/30 | /09 15:42 |
| Copper | 0.0001 | mg/L | 7E-05 | | | | | | |
| Sample ID: C09040844-005AMS4 | Sample Matr | ix Spike | | | Run: ICPM | S2-C_090430A | | 05/01 | /09 06:44 |
| Copper | 0.0584 | mg/L | 0.010 | 90 | 70 | 130 | | | |
| Sample ID: C09040844-005AMS[| Sample Matr | ix Spike Duplicate | | | Run: ICPM | S2-C_090430A | | 05/01 | /09 06:51 |
| Copper | 0.0567 | mg/L | 0.010 | 87 | 70 | 130 | 3.1 | 20 | |
| Sample ID: C09040674-021BMS4 | Sample Mati | ix Spike | | | Run: ICPM | S2-C_090430A | | 05/01 | /09 09:41 |
| Copper | 0.0525 | mg/L | 0.010 | 103 | 70 | 130 | | | |
| Sample ID: C09040674-021BMSI | Sample Mati | ix Spike Duplicate | | | Run: ICPM | S2-C_090430A | | 05/01 | /09 09:47 |
| Copper | 0.0520 | mg/L | 0.010 | 102 | 70 | 130 | 1 | 20 | |
| Method: E200.8 | | | | | | | | Batch | R11774 |
| Sample ID: LRB | Method Blan | k | | | Run: ICPM | S4-C_090504A | | 05/04 | /09 13:42 |
| Zinc | ND | mg/L | 0.0002 | | | | | | |
| Sample ID: LFB | Laboratory F | ortified Blank | | | Run: ICPM | S4-C_090504A | | 05/04 | /09 21:47 |
| Zinc | 0.0547 | mg/L | 0.0010 | 109 | 85 | 115 | | | |
| Sample ID: C09040674-010BMS4 | Sample Mate | ix Spike | | | Run: ICPM | S4-C_090504A | | 05/05 | /09 09:54 |
| Zinc | 0.0592 | mg/L | 0.010 | 113 | 70 | 130 | | | |
| Sample ID: C09040674-010BMS[| Sample Mati | ix Spike Duplicate | | | Run: ICPM | S4-C_090504A | | 05/05 | /09 10:00 |
| Zinc | 0.0584 | mg/L | 0.010 | 111 | 70 | 130 | 1.3 | 20 | |
| Sample ID: C09040674-021BMS4 | Sample Mate | ix Spike | | | Run: ICPM | S4-C_090504A | | 05/05 | /09 14:42 |
| Zinc | 0.0606 | • | 0.010 | 111 | 70 | 130 | | | |
| Sample ID: C09040674-021BMSI | Sample Mati | ix Spike Duplicate | | | Run: ICPM | S4-C_090504A | | 05/05 | /09 14:48 |
| Zinc | 0.0594 | | 0.010 | 109 | 70 | 130 | 2 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/09/09 **Work Order:** C09040674

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|-------------|--------------|---------|------|------------|--------------|-----|----------|-----------|
| Method: E200.8 | | | | | | | | | Batch: | R11787 |
| Sample ID: LRB | <u>10</u> Me | thod Blank | | | | Run: ICPMS | S2-C_090506A | | 05/06 | /09 12:45 |
| Arsenic | | ND | mg/L | 0.0003 | | | | | | |
| Cadmium | | ND | mg/L | 6E-05 | | | | | | |
| Chromium | | ND | mg/L | 8E-05 | | | | | | |
| Copper | | 0.0003 | mg/L | 4E-05 | | | | | | |
| Lead | | ND | mg/L | 2E-05 | | | | | | |
| Mercury | | ND | mg/L | 4E-05 | | | | | | |
| Molybdenum | | ND | mg/L | 4E-05 | | | | | | |
| Nickel | | ND | mg/L | 9E-05 | | | | | | |
| Selenium | | ND | mg/L | 0.001 | | | | | | |
| Uranium | | ND | mg/L | 8E-06 | | | | | | |
| Sample ID: LFB | <u>10</u> Lai | oratory For | tified Blank | | | Run: ICPMS | S2-C_090506A | | 05/06 | /09 12:51 |
| Arsenic | | 0.0501 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Cadmium | | 0.0514 | mg/L | 0.0010 | 103 | 85 | 115 | | | |
| Chromium | | 0.0501 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Copper | | 0.0505 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Lead | | 0.0502 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Mercury | | 0.00511 | mg/L | 0.0010 | 102 | 85 | 115 | | | |
| Molybdenum | | 0.0508 | mg/L | 0.0010 | 102 | 85 | 115 | | | |
| Nickel | | 0.0501 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Selenium | | 0.0515 | mg/L | 0.0014 | 103 | 85 | 115 | | | |
| Uranium | | 0.0502 | mg/L | 0.00030 | 100 | 85 | 115 | | | |
| Sample ID: C09050081-006BMS4 | 1 <u>0</u> Sa | mple Matrix | Spike | | | Run: ICPMS | S2-C_090506A | | 05/06 | /09 17:57 |
| Arsenic | | 0.0522 | mg/L | 0.0010 | 102 | 70 | 130 | | | |
| Cadmium | | 0.0499 | mg/L | 0.010 | 100 | 70 | 130 | | | |
| Chromium | | 0.0490 | mg/L | 0.040 | 97 | 70 | 130 | | | |
| Copper | | 0.0482 | mg/L | 0.010 | 95 | 70 | 130 | | | |
| Lead | | 0.0498 | mg/L | 0.040 | 99 | 70 | 130 | | | |
| Mercury | | 0.00506 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Molybdenum | | 0.0497 | mg/L | 0.040 | 99 | 70 | 130 | | | |
| Nickel | | 0.0491 | mg/L | 0.040 | 95 | 70 | 130 | | | |
| Selenium | | 0.0519 | mg/L | 0.0010 | 104 | 70 | 130 | | | |
| Uranium | | 0.110 | mg/L | 0.00030 | 102 | 70 | 130 | | | |
| Sample ID: C09050081-006BMSI | 0 <u>10</u> Sa | mple Matrix | Spike Duplic | cate | | Run: ICPMS | S2-C_090506A | | 05/06 | /09 18:03 |
| Arsenic | | 0.0536 | mg/L | 0.0010 | 105 | 70 | 130 | 2.8 | 20 | |
| Cadmium | | 0.0510 | mg/L | 0.010 | 102 | 70 | 130 | 2.1 | 20 | |
| Chromium | | 0.0504 | mg/L | 0.040 | 100 | 70 | 130 | 2.7 | 20 | |
| Copper | | 0.0490 | mg/L | 0.010 | 97 | 70 | 130 | 1.6 | 20 | |
| Lead | | 0.0511 | mg/L | 0.040 | 102 | 70 | 130 | 2.7 | 20 | |
| Mercury | | 0.00531 | mg/L | 0.0010 | 106 | 70 | 130 | 4.7 | 20 | |
| Molybdenum | | 0.0510 | mg/L | 0.040 | 101 | 70 | 130 | 2.7 | 20 | |
| Nickel | | 0.0503 | mg/L | 0.040 | 98 | 70 | 130 | 2.5 | 20 | |

Qualifiers:

RL - Analyte reporting limit.



Client: UR Energy USA Inc

Report Date: 06/09/09

Project: Lost Creek

Work Order: C09040674

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|-------------|--------------|---------|------|------------|--------------|-----|----------|----------|
| Method: E200.8 | | | | | | | | | Batch: | R117871 |
| Sample ID: C09050081-006BMSI | 10 Sa | mple Matrix | Spike Dupli | cate | | Run: ICPM | S2-C_090506A | | 05/06 | 09 18:03 |
| Selenium | | 0.0534 | mg/L | 0.0010 | 107 | 70 | 130 | 2.8 | 20 | |
| Uranium | | 0.112 | mg/L | 0.00030 | 106 | 70 | 130 | 2.1 | 20 | |
| Method: E200.8 | | | | | | | | | Batch: | R118331 |
| Sample ID: LRB | <u>7</u> Me | thod Blank | | | | Run: ICPMS | S2-C_090518A | | 05/18 | 09 11:44 |
| Arsenic | | ND | mg/L | 0.0003 | | | | | | |
| Cadmium | | ND | mg/L | 6E-05 | | | | | | |
| Copper | | 0.00010 | mg/L | 4E-05 | | | | | | |
| Lead | | ND | mg/L | 2E-05 | | | | | | |
| Mercury | | ND | mg/L | 4E-05 | | | | | | |
| Selenium | | ND | mg/L | 0.001 | | | | | | |
| Uranium | | ND | mg/L | 8E-06 | | | | | | |
| Sample ID: LFB | <u>7</u> Lat | oratory For | tified Blank | | | Run: ICPM | S2-C_090518A | | 05/18 | 09 11:51 |
| Arsenic | | 0.0483 | mg/L | 0.0010 | 97 | 85 | 115 | | | |
| Cadmium | | 0.0481 | mg/L | 0.0010 | 96 | 85 | 115 | | | |
| Copper | | 0.0486 | mg/L | 0.0010 | 97 | 85 | 115 | | | |
| Lead | | 0.0487 | mg/L | 0.0010 | 97 | 85 | 115 | | | |
| Mercury | | 0.00492 | mg/L | 0.0010 | 98 | 85 | 115 | | | |
| Selenium | | 0.0481 | mg/L | 0.0014 | 96 | 85 | 115 | | | |
| Uranium | | 0.0473 | mg/L | 0.00030 | 95 | 85 | 115 | | | |
| Sample ID: C09050510-008BMS4 | . <u>7</u> Sai | mple Matrix | Spike | | | Run: ICPMS | S2-C_090518A | | 05/18/ | 09 13:53 |
| Arsenic | | 0.0499 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Cadmium | | 0.0487 | mg/L | 0.010 | 91 | 70 | 130 | | | |
| Copper | | 0.0496 | mg/L | 0.010 | 85 | 70 | 130 | | | |
| Lead | | 0.0486 | mg/L | 0.040 | 97 | 70 | 130 | | | |
| Mercury | | 0.00443 | mg/L | 0.0010 | 89 | 70 | 130 | | | |
| Selenium | | 0.0522 | mg/L | 0.0010 | 100 | 70 | 130 | | | |
| Uranium | | 0.0520 | mg/L | 0.00030 | 99 | 70 | 130 | | | |
| Sample ID: C09050510-008BMS | 7 Sa | mple Matrix | Spike Dupli | cate | | Run: ICPMS | S2-C_090518A | | 05/18 | 09 13:59 |
| Arsenic | | 0.0504 | mg/L | 0.0010 | 98 | 70 | 130 | 1 | 20 | |
| Cadmium | | 0.0493 | mg/L | 0.010 | 93 | 70 | 130 | 1.1 | 20 | |
| Copper | | 0.0499 | mg/L | 0.010 | 85 | 70 | 130 | 0.5 | 20 | |
| Lead | | 0.0498 | mg/L | 0.040 | 99 | 70 | 130 | 2.4 | 20 | |
| Mercury | | 0.00468 | mg/L | 0.0010 | 94 | 70 | 130 | 5.4 | 20 | |
| Selenium | | 0.0514 | mg/L | 0.0010 | 99 | 70 | 130 | 1.5 | 20 | |
| Uranium | | 0.0529 | mg/L | 0.00030 | 101 | 70 | 130 | 1.7 | 20 | |

Qualifiers:

RL - Analyte reporting limit.



Project: Lost Creek

QA/QC Summary Report

UR Energy USA Inc

Report Date: 06/09/09 Work Order: C09040674

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|-------------------|---------------|-------------|-----------------|------|------|------------|------------|-----|----------|-----------|
| Method: | E300.0 | | | | | | | | | Batch: | R117485 |
| Sample ID: | LCS | <u>2</u> La | boratory Co | ntrol Sample | | | Run: IC1-C | _090427A | | 04/27 | /09 15:56 |
| Chloride | | | 9.74 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sulfate | | | 38.5 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sample ID: | MBLK | <u>2</u> Me | thod Blank | | | | Run: IC1-C | _090427A | | 04/27/ | /09 16:11 |
| Chloride | | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: | C09040674-001AMS | <u>2</u> Sa | mple Matrix | Spike | | | Run: IC1-C | _090427A | | 04/27 | /09 18:30 |
| Chloride | | | 25.7 | mg/L | 1.0 | 105 | 90 | 110 | | | |
| Sulfate | | | 303 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sample ID: | C09040674-001AMSE |) <u>2</u> Sa | mple Matrix | Spike Duplicate | | | Run: IC1-C | _090427A | | 04/27 | /09 18:45 |
| Chloride | | | 26.2 | mg/L | 1.0 | 108 | 90 | 110 | 2.2 | 20 | |
| Sulfate | | | 305 | mg/L | 1.0 | 100 | 90 | 110 | 0.9 | 20 | |
| Sample ID: | C09040674-011AMS | <u>2</u> Sa | mple Matrix | Spike | | | Run: IC1-C | _090427A | | 04/27 | /09 22:06 |
| Chloride | | | 25.9 | mg/L | 1.0 | 105 | 90 | 110 | | | |
| Sulfate | | | 231 | mg/L | 1.0 | 100 | 90 | 110 | | | |
| Sample ID: | C09040674-011AMSE |) <u>2</u> Sa | mple Matrix | Spike Duplicate | | | Run: IC1-C | _090427A | | 04/27 | /09 22:21 |
| Chloride | | | 26.1 | mg/L | 1.0 | 107 | 90 | 110 | 1 | 20 | |
| Sulfate | | | 232 | mg/L | 1.0 | 102 | 90 | 110 | 0.5 | 20 | |
| Sample ID: | C09040674-021AMS | <u>2</u> Sa | mple Matrix | Spike | | | Run: IC1-C | _090427A | | 04/28 | /09 01:57 |
| Chloride | | | 25.9 | mg/L | 1.0 | 104 | 90 | 110 | | | |
| Sulfate | | | 230 | mg/L | 1.0 | 101 | 90 | 110 | | | |
| Sample ID: | C09040674-021AMSE |) <u>2</u> Sa | mple Matrix | Spike Duplicate | | | Run: IC1-C | _090427A | | 04/28/ | /09 02:12 |
| Chloride | | | 25.9 | mg/L | 1.0 | 104 | 90 | 110 | 0.3 | 20 | |
| Sulfate | | | 230 | mg/L | 1.0 | 101 | 90 | 110 | 0.1 | 20 | |



Client: UR Energy USA Inc

Report Date: 06/09/09

Project: Lost Creek

Work Order: C09040674

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------------------------|-------|--------------|-----------------|-------|-----------|------------|------------|-----|----------|-----------|
| Method: E350.1 | | | | | | | | | Batch: B | R128302 |
| Sample ID: MBLK | Me | thod Blank | | | | Run: SUB- | 3128302 | | 04/23 | /09 12:22 |
| Nitrogen, Ammonia as N | | ND | mg/L | 0.02 | | | | | | |
| Sample ID: LFB | Lat | ooratory For | tified Blank | | | Run: SUB- | 3128302 | | 04/23 | /09 12:23 |
| Nitrogen, Ammonia as N | | 1.00 | mg/L | 0.10 | 102 | 90 | 110 | | | |
| Sample ID: B09042023-001BMS | Sai | mple Matrix | Spike | | | Run: SUB- | B128302 | | 04/23 | /09 12:29 |
| Nitrogen, Ammonia as N | | 0.740 | mg/L | 0.050 | <u>74</u> | 90 | 110 | | | S |
| Sample ID: B09042023-001BMSI | D Sai | mple Matrix | Spike Duplicate | | | Run: SUB- | B128302 | | 04/23 | /09 12:30 |
| Nitrogen, Ammonia as N | | 0.762 | mg/L | 0.050 | <u>76</u> | 90 | 110 | 2.9 | 10 | S |
| Sample ID: C09040674-015E | Sa | mple Matrix | Spike | | | Run: SUB-I | B128302 | | 04/23 | /09 13:20 |
| Nitrogen, Ammonia as N | | 0.856 | mg/L | 0.050 | <u>82</u> | 90 | 110 | | | S |
| Sample ID: C09040674-015E | Sai | mple Matrix | Spike Duplicate | | | Run: SUB-I | B128302 | | 04/23 | /09 13:22 |
| Nitrogen, Ammonia as N | | 0.864 | mg/L | 0.050 | <u>83</u> | 90 | 110 | 0.9 | 10 | S |
| Method: E353.2 | | | | | | | | - | Batch: B | R12828 |
| Sample ID: MBLK | Me | thod Blank | | | | Run: SUB-l | B128280 | | 04/23 | /09 10:39 |
| Nitrogen, Nitrate+Nitrite as N | | ND | mg/L | 0.002 | | | | | | |
| Sample ID: LFB | Lal | boratory Fo | rtified Blank | | | Run: SUB- | B128280 | | 04/23 | /09 10:40 |
| Nitrogen, Nitrate+Nitrite as N | | 0.989 | mg/L | 0.050 | 101 | 90 | 110 | | | |
| Sample ID: B09042027-002EMS | Sa | mple Matrix | Spike | | | Run: SUB- | B128280 | | 04/23 | /09 11:02 |
| Nitrogen, Nitrate+Nitrite as N | | 0.981 | mg/L | 0.050 | 100 | 90 | 110 | | | |
| Sample ID: B09042027-002EMSI | D Sa | mple Matrix | Spike Duplicate | | | Run: SUB- | B128280 | | 04/23 | /09 11:04 |
| Nitrogen, Nitrate+Nitrite as N | | 0.971 | mg/L | 0.050 | 99 | 90 | 110 | 1 | 10 | |
| Sample ID: C09040674-007E | Sa | mple Matrix | Spike | | | Run: SUB- | B128280 | | 04/23 | /09 11:19 |
| Nitrogen, Nitrate+Nitrite as N | | 0.974 | mg/L | 0.050 | 99 | 90 | 110 | | | |
| Sample ID: C09040674-007E | Sa | mple Matrix | Spike Duplicate | | | Run: SUB- | B128280 | | 04/23 | /09 11:20 |
| Nitrogen, Nitrate+Nitrite as N | | 0.984 | mg/L | 0.050 | 100 | 90 | 110 | 1 | 10 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/09/09 **Work Order:** C09040674

| Analyte | Count Res | ult Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------------|------------------------|----|------|-----------|------------|-----|----------|------------|
| Method: E900.0 | | - | | | | | | Batch: 0 | 3rAB-0642 |
| Sample ID: MB-GrAB-0642 | 6 Method B | lank | | | Run: G500 | 0W_090504A | | 05/07 | 7/09 04:17 |
| Gross Alpha | • | 0.4 pCi/L | | | | | | | U |
| Gross Alpha precision (±) | (| 0.5 pCi/L | | | | | | | |
| Gross Alpha MDC | (| 0.5 pCi/L | | | | | | | |
| Gross Beta | | 2 pCi/L | | | | | | | |
| Gross Beta precision (±) | | 1 pCi/L | | | | | | | |
| Gross Beta MDC | | 1 pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0642 | Laborator | y Control Sample | | | Run: G500 | 0W_090504A | | 05/07 | 7/09 04:17 |
| Gross Alpha | 1 | I40 pCi/L | | 102 | 70 | 130 | | | |
| Sample ID: C09040674-001DMS | Sample M | latrix Spike | | | Run: G500 | 0W_090504A | | 05/07 | 7/09 04:17 |
| Gross Alpha | 5 | 593 pCi/L | | 120 | 70 | 130 | | | |
| Sample ID: C09040674-001DMSI | D Sample M | latrix Spike Duplicate | • | | Run: G500 | 0W_090504A | | 05/0 | 7/09 04:17 |
| Gross Alpha | | 660 pCi/L | | 96 | . 70 | 130 | 5.7 | 13.7 | |
| Sample ID: C09040674-001DMS | Sample M | latrix Spike | | | Run: G500 | 0W_090504A | | 05/0 | 7/09 04:17 |
| Gross Beta | 2 | 233 pCi/L | | 103 | . 70 | 130 | | | |
| Sample ID: C09040674-001DMSi | D Sample M | fatrix Spike Duplicate | • | | Run: G500 | 0W_090504A | | 05/0 | 7/09 04:17 |
| Gross Beta | | 246 pCi/L | | 118 | 70 | 130 | 5.5 | 13.3 | |
| Sample ID: C09040674-014DDU | P <u>6</u> Sample D | Ouplicate | | | Run: G500 | 0W_090504A | | 05/0 | 8/09 04:12 |
| Gross Alpha | | 527 pCi/L | | | | | 5.5 | 13.5 | |
| Gross Alpha precision (±) | 1 | 0.7pCi/L | | | | | | | |
| Gross Alpha MDC | 1 | .37pCi/L | | | | | | | |
| Gross Beta | 2 | 233 pCi/L | | | | | 0.6 | 13.4 | |
| Gross Beta precision (±) | 3 | .94pCi/L | | | | | | | |
| Gross Beta MDC | 2 | .49pCi/L | | | | | | | |



Client: UR Energy USA Inc

Report Date: 06/09/09

Project: Lost Creek

Work Order: C09040674

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|---------------|--------------|-----------------|----|------|-----------|--------------|------|----------|------------|
| Method: E900.0 | | | | - | | | | | Batch: G | SrAB-0643 |
| Sample ID: MB-GrAB-0643 | <u>6</u> Me | thod Blank | | | | Run: TENN | ELEC-3_0905 | 05A | 05/08 | /09 05:45 |
| Gross Alpha | | 2 | pCi/L | | | | | | | |
| Gross Alpha precision (±) | | 0.6 | pCi/L | | | | | | | |
| Gross Alpha MDC | | 0.5 | pCi/L | | | | | | | |
| Gross Beta | | -2 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | | 2 | pCi/L | | | | | | | |
| Gross Beta MDC | | 2 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0643 | Lai | boratory Cor | ntrol Sample | | | Run: TENN | IELEC-3_0905 | 05A | 05/08 | 3/09 05:45 |
| Gross Alpha | | 130 | pCi/L | | 90 | 70 | 130 | | | |
| Sample ID: C09040674-022DMS | Sa | mple Matrix | Spike | | | Run: TENN | IELEC-3_0905 | 05A | 05/08 | 3/09 05:45 |
| Gross Alpha | | 130 | pCi/L | | 94 | 70 | 130 | | | |
| Sample ID: C09040674-022DMS | D Sa | mple Matrix | Spike Duplicate | | | Run: TENN | IELEC-3_0905 | 05A | 05/08 | 3/09 05:45 |
| Gross Alpha | | 131 | pCi/L | | 94 | 70 | 130 | 0.4 | 15.3 | |
| Sample ID: C09040674-022DMS | Sa | mple Matrix | Spike | | | Run: TENN | IELEC-3_0905 | 505A | 05/08 | 3/09 05:45 |
| Gross Beta | | 91.9p0 | Di/L | | 102 | 70 | 130 | | | |
| Sample ID: C09040674-022DMS | D Sa | mple Matrix | Spike Duplicate | | | Run: TENN | IELEC-3_0905 | 505A | 05/08 | 3/09 05:45 |
| Gross Beta | | 96.2p0 | Di/L | | 106 | 70 | 130 | 4.6 | 16.1 | |
| Sample ID: C09040744-004BDU | P <u>6</u> Sa | mple Duplic | ate | | | Run: TENN | IELEC-3_0905 | 505A | 05/09 | 9/09 06:07 |
| Gross Alpha | | 83.8p0 | Ci/L | | | | | 0.1 | 21.7 | |
| Gross Alpha precision (±) | | 4.90p0 | Ci/L | | | | | | | |
| Gross Alpha MDC | | 2.17p0 | Ci/L | | | | | | | |
| Gross Beta | | 19.6p0 | Di/L | | | | | 8.6 | 37.6 | |
| Gross Beta precision (±) | | 2.60p0 | Ci/L | | | | | | | |
| Gross Beta MDC | | 3.79p0 | | | | | | | | |



Client: UR Energy USA Inc

Report Date: 06/09/09

Project: Lost Creek

Work Order: C09040674

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--|---------------|-----------------|-----------------------|-----------|------------|--------------|-----------------------|----------|-----------------|-----------|
| Method: E900.0 | | | | | | | | | Batch: G | SrAB-0657 |
| Sample ID: MB-GrAB-0657 | <u>6</u> M∈ | thod Blank | | | | Run: TENN | ELEC-3_090522 | В | 05/30 | /09 01:14 |
| Gross Alpha | | 1 | pCi/L | | | | | | | |
| Gross Alpha precision (±) | | 0.6 | pCi/L | | | | | | | |
| Gross Alpha MDC | | 0.6 | pCi/L | | | | | | | |
| Gross Beta | | -2 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | | 2 | pCi/L | | | | | | | |
| Gross Beta MDC | | 2 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0657 | La | boratory Coi | ntrol Sample | | | Run: TENN | ELEC-3_090522 | В | 05/30 | /09 01:15 |
| Gross Alpha | | 140 | pCi/L | | 99 | 70 | 130 | | | |
| Sample ID: Cs137-GrAB-0657 | La | boratory Co | ntrol Sample | | | Run: TENN | ELEC-3_090522 | В | 05/30 | /09 01:15 |
| Gross Beta | | 95 | pCi/L | | 105 | 70 | 130 | | | |
| Sample ID: C09050517-001AMS | Sa | mple Matrix | Spike | | | Run: TENN | ELEC-3_090522 | В | 05/30 | /09 01:15 |
| Gross Alpha | | 210 | pCi/L | | <u>152</u> | 70 | 130 | | | S |
| Spike response is outside of the acc matrix related. The batch is approved | | nge for this an | alysis. Since the LCS | and the F | PD for the | e MS MSD pai | r are acceptable, the | erespons | se is considere | ed to be |
| Sample ID: C09050517-001AMSI | o sa | ımple Matrix | Spike Duplicate | | | Run: TENN | IELEC-3_090522 | В | 05/30 | /09 01:15 |
| Gross Alpha | | 190 | pCi/L | | <u>137</u> | 70 | 130 | 10 | 16 | S |
| Sample ID: C09050517-001AMS | Sa | mple Matrix | Spike | | | Run: TENN | IELEC-3_090522 | В | 05/30 | /09 01:14 |
| Gross Beta | | 97 | pCi/L | | 102 | 70 | 130 | | | |
| Sample ID: C09050517-001AMS | D Sa | ample Matrix | Spike Duplicate | | | Run: TENN | IELEC-3_090522 | В | 05/30 | /09 01:14 |
| Gross Beta | | 90 | pCi/L | | 94 | 70 | 130 | 7.7 | 16.3 | |
| Sample ID: C09050604-001BDUI | P <u>6</u> Sa | ample Duplic | ate | | | Run: TENN | IELEC-3_090522 | В | 05/30 | /09 01:15 |
| Gross Alpha | | 4.6 | pCi/L | | | | | 15 | 67.2 | |
| Gross Alpha precision (±) | | 1.3 | pCi/L | | | | | | | |
| Gross Alpha MDC | | 0.97p | Ci/L | | | | | | | |
| Gross Beta | | 0.26p | Ci/L | | | | | 140 | 313.3 | U |
| Gross Beta precision (±) | | 1.7 | pCi/L | | | | | | | |
| Gross Beta MDC | | 1.7 | pCi/L | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



Client: UR Energy USA Inc

Report Date: 06/09/09

Project: Lost Creek

Work Order: C09040674

| Analyte | Count | Result | Units | RL | %REC | Low Limi | t High | Limit | RPD | RPDLimit | Qual |
|---|-------------|--------------|------------------------|--------|-----------|----------------------|----------|--------|--------------|----------------|------------|
| Method: E903.0 | <u> </u> | | | | | | | | | Batch: RA | 226-361 |
| Sample ID: C09040674-001DMS | Sai | mple Matrix | Spike | | | Run: BER | THOLD | 770-2_ | _090423A | 05/14 | /09 16:59 |
| Radium 226 | | 170 | pCi/L | | 242 | 70 | | 130 | | | S |
| - Sample response is much larger tha | | | small variances in the | sample | adversely | affected the | recovery | The LC | S and the RI | PD of the MS/M | ISD pair |
| meets acceptance criteria; this batch i Sample ID: C09040674-001DMSI | • • | | Spike Duplicate | | | Run: BER | THOLD | 770-2 | 090423A | 05/14 | /09 16:59 |
| Radium 226 | J Sai | 140 | pCi/L | | 79 | 70 | | 130 | 16 | 20 | 700 10:00 |
| | _ | | P | | | | | | | 0545 | 100 01 05 |
| Sample ID: MB-RA226-3611 | <u>3</u> Me | thod Blank | | | | Run: BER | THOLD | 770-2_ | _090423A | 05/15 | /09 01:05 |
| Radium 226 | | -0.06 | pCi/L | | | | | | | | U |
| Radium 226 precision (±) | | 0.07p0 | | | | | | | | | |
| Radium 226 MDC | | 0.1 | pCi/L | | | | | | | | |
| Sample ID: LCS-RA226-3611 | Lal | boratory Cor | ntrol Sample | | | Run: BEF | THOLD | 770-2 | _090423A | 05/15 | /09 01:05 |
| Radium 226 | | 6.7 | pCi/L | | 85 | 70 |) | 130 | | | |
| Method: E903.0 | | | | | | _ | | | | Batch: RA | 226-361 |
| Sample ID: C09040674-011DMS | Sa | mple Matrix | Spike | | | Run: BEF | THOLD | 770-1 | 090423A | 05/14 | /09 17:01 |
| Radium 226 | Ou | 19 | pCi/L | | 92 | | | 130 | | | |
| | | | • | | | | | | | | (00.47.0) |
| Sample ID: C09040674-011DMS | D Sa | • | Spike Duplicate | | | | | _ | _090423A | | /09 17:01 |
| Radium 226 | | 19 | pCi/L | | 95 | 70 |) | 130 | 2.4 | 21.2 | |
| Sample ID: MB-RA226-3612 | <u>3</u> Me | thod Blank | | | | Run: BEF | THOLD | 770-1_ | _090423A | 05/15 | /09 01:08 |
| Radium 226 | | -0.09 | pCi/L | | | | | | | | U |
| Radium 226 precision (±) | | 0.06p0 | Ci/L | | | | | | | | |
| Radium 226 MDC | | 0.1 | pCi/L | | | | | | | | |
| Sample ID: LCS-RA226-3612 | l al | horatory Co | ntrol Sample | | | Run: BEF | THOLD | 770-1 | 090423A | 05/15 | /09 01:08 |
| Radium 226 | | 8.0 | pCi/L | | 103 | | | 130 | - | | |
| | | | • | | | | | | | Batch: RA | 1226 261 |
| Method: E903.0 | | | | | | | T | | 0004000 | | |
| Sample ID: C09040674-021DMS | Sa | mple Matrix | • | | | | | | _090423B | 05/15 | 6/09 02:57 |
| Radium 226 | | 57 | pCi/L | | 104 | 70 | , | 130 | | | |
| Sample ID: C09040674-021DMS | D Sa | mple Matrix | Spike Duplicate | | | Run: BEF | RTHOLD | 770-1 | _090423B | 05/15 | /09 02:57 |
| Radium 226 | | 61 | pCi/L | | 126 | 70 |) | 130 | 5.5 | 17 | |
| Sample ID: MB-RA226-3613 | 3 Me | ethod Blank | | | | Run: BEF | RTHOLE | 770-1 | _090423B | 05/15 | 6/09 10:59 |
| Radium 226 | | -0.08 | pCi/L | | | | | | - | | U |
| Radium 226 precision (±) | | 0.06p0 | • | | | | | | | | |
| Radium 226 MDC | | 0.1 | pCi/L | | | | | | | | |
| Sample ID: LCS-RA226-3613 | e l | horatory Co | ntrol Sample | | | Run [.] RFF | אדאטו ר | 770-1 | 090423B | 05/15 | 5/09 10:59 |
| Radium 226 | La | 8.1 | pCi/L | | 104 | | | 130 | _555-1255 | 00/10 | 55 10.00 |
| Nauluiii 220 | | 0.1 | PONE | | 104 | , | - | .00 | | | |
| | | | | | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



UR Energy USA Inc

Project: Lost Creek

Report Date: 06/09/09

Work Order: C09040674

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------|-------------|--------------|-----------------|----|------|-------------|-----------------|-----|-----------|------------|
| Method: RA-05 | | | | | - | | | | Batch: RA | A228-2625 |
| Sample ID: LCS-228-RA226-3611 | l Lat | ooratory Cor | ntrol Sample | | | Run: TENN | ELEC-3_090423E | 3 | 05/01 | /09 14:33 |
| Radium 228 | | 7.98p0 | Ci/L | | 92 | 70 | 130 | | | |
| Sample ID: MB-RA226-3611 | <u>3</u> Me | thod Blank | | | | Run: TENN | ELEC-3_090423E | 3 | 05/01 | /09 14:33 |
| Radium 228 | | -0.10 | pCi/L | | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | |
| Sample ID: C09040674-002DMS | Sa | mple Matrix | Spike | | | | ELEC-3_090423E | 3 | 05/01 | /09 14:33 |
| Radium 228 | | 19.7p0 | Ci/L | | 100 | 70 | 130 | | | |
| Sample ID: C09040674-002DMSI |) Sa | mple Matrix | Spike Duplicate | | | Run: TENN | ELEC-3_090423E | 3 | 05/01 | 1/09 14:33 |
| Radium 228 | | 18.2p0 | Ci/L | | 91 | 70 | 130 | 8.1 | 32.2 | |
| Method: RA-05 | | | | | | | | _ | Batch: R/ | A228-2626 |
| Sample ID: LCS-228-RA226-3612 | 2 La | boratory Co | ntrol Sample | | | Run: TENN | IELEC-3_0904230 | | 05/05 | 5/09 10:23 |
| Radium 228 | | 9.83p0 | | | 106 | 70 | 130 | | | |
| Sample ID: MB-RA226-3612 | <u>3</u> M∈ | thod Blank | | | | Run: TENN | IELEC-3_0904230 | | 05/05 | 5/09 10:23 |
| Radium 228 | | 0.6 | pCi/L | | | | | | | U |
| Radium 228 precision (±) | | 0.8 | pCi/L | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | |
| Sample ID: C09040674-012DMS | Sa | mple Matrix | Spike | | | Run: TENN | IELEC-3_0904230 | • | 05/05 | 5/09 10:23 |
| Radium 228 | | 23.5pt | Ci/L | | 102 | 70 | 130 | | | |
| Sample ID: C09040674-012DMS | D Sa | mple Matrix | Spike Duplicate | | | Run: TENN | IELEC-3_0904230 | 2 | 05/05 | 5/09 10:23 |
| Radium 228 | | 21.2p | Ci/L | | 88 | 70 | 130 | 10 | 32.4 | |
| Method: RA-05 | | **** | - | | | | | | Batch: R | A228-262 |
| Sample ID: LCS-228-RA226-361 | 3 La | boratory Co | ntrol Sample | | | Run: TENN | ELEC-3_0904231 |) | 05/0 | 5/09 12:27 |
| Radium 228 | | 8.29p | Ci/L | | 97 | 70 | 130 | | | |
| Sample ID: MB-RA226-3613 | <u>3</u> Me | ethod Blank | | | | Run: TEN | NELEC-3_0904231 |) | 05/0 | 5/09 12:27 |
| Radium 228 | | -0.2 | pCi/L | | | | | | | U |
| Radium 228 precision (±) | | 8.0 | pCi/L | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | |
| Sample ID: C09040674-022DMS | Sa | ample Matrix | Spike | | | Run: TEN | NELEC-3_090423 | D C | 05/0 | 5/09 12:27 |
| Radium 228 | | 18.2p | Ci/L | | 108 | 70 | 130 | | | |
| Sample ID: C09040674-022DMS | D Sa | ample Matrix | Spike Duplicate | | | Run: TEN | NELEC-3_090423 | D | 05/0 | 5/09 12:27 |
| Radium 228 | | 16.9p | Ci/I | | 99 | 70 | 130 | 7.3 | 36.7 | |

Qualifiers:

RL - Analyte reporting limit. MDC - Minimum detectable concentration ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration

| ENERGY |
|--------------|
| LABORATORIES |

Chain of Custody and Analytical Request Record

| _ | j - | | 3 |
|------|--------------|----|---|
| ۲age | <u>L</u> | OT | |

| Common Name | Project Name, PWS, Permit, Etc | | Sample Origin | EPA/State Compliance: |
|--|--|---|----------------------------------|-------------------------|
| Company Name: | | | State: | Yes No I |
| Report Mail Address: | Lost Creek. | ne/Fax: | Email: | Sampler: (Please Print) |
| Report Mail Address: | | I U /Fax. | ⊑IIIali. | Campier. (Flease Finit) |
| Report Mail Address: 5880 Enterprise Dr. Suite 200 Casper WY 82609 | John Cash. 30 | 7-765 7377 | Tala (216)111= | Mergyusa. Cam |
| Invoice Address: | Invoice Contact & Phone: | 7-265-2373 | Purchase Order: | Quote/Bottle Order: |
| Sane | | | | |
| | 0.00.0.0.00.00 | | Contact ELI prior | to Shipped by: |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: | | REQUESTED | RUSH sample su | bmittal TOUS: |
| prior to sample submittal for the following. | | | for charges and scheduling – See | |
| | Soliino ay C | | Instruction Page | |
| □ DW □ A2LA | A M A M M M M M M M M M M M M M M M M M | 품 달 | Comments: | Receipt Temp |
| ☐ DW ☐ A2LA ☐ EDD/EDT(Electronic Data) | in of C | arou | | On ice: |
| POTW/WWTP Format: | Number of Containers Sample Type: AW SVBO Air Water Soils/Soilds Vegetation Bioassay Other | SEE ATTACHED Normal Turnaround (TAT) | S | On ice: |
| State: LEVEL IV | September 1 | | | Custody Seal Y N |
| Other: NELAC | Tes > - | SEE | H | Bottles/ Coolers B C |
| | | Ž | | Intact Y N |
| SAMPLE IDENTIFICATION Collection Collection (Name, Location, Interval, etc.) Date Time | MATRIX O | | | Signature Y N |
| 1 | . / / / / | | Comin | |
| M-101 - 4 1 4-20-09 | W-2gals.V | | C090404 | 14 |
| 2 M-102 # 2 | | | | OINIT |
| ³ M-103 # 3 | | | | |
| 4 M-104 # 4 | | | | |
| 5 M-105 # 5 | | | | \searrow |
| 6 M-10b #6 | | | | |
| 7 M-107 # 7 | | | | 1 |
| ° M-108 # 8 | | | | |
| ° M-109 # 9 | | | | S |
| 10 M-110 # 10 | | | | |
| Custody Relinquished by (print): Date/Time: | A M Signature: | | Date/Time: 1-20-5/5:30 [M | Signature: |
| Record Relinquished by (print): Date/Time: U-20-01 5'30 | Signature: | Received by (print): Received by Laboratory: | Date/Time: | Mgnature |
| MUST be | | Received by Laboratory: | 2//09 820 | Wideature: |
| Signed Sample Disposal: Return to Client: | Lab Disposal: | | 1-09 8:20 | Signature: |



Chain of Custody and Analytical Request Record

Page 2 of 3

| Company Name: | Project Name, PWS, Permit, Etc. | ormation as possible. | Sample Origin | EPA/State Compliance: |
|--|---|---------------------------------------|---|-------------------------|
| Ur= Energy | Lost Creek. | | State: | Yes No 2 |
| Report Mail Address: Prise Dr Suite 200 | Contact Name: Phon | e/Fax: | Email: | Sampler: (Please Print) |
| Casper WY 82609. | John Push 307-2 | John. | Cash@urrenergy | sa.com |
| Invoice Address: | Invoice Contact & Phone: | 67-57232 | Purchase Order: | Quote/Bottle Order: |
| Throng Address. | | | | |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: DW | Number of Containers Sample Type: AWSVBO Air Water Soils/Soilds Vegetation Bioassay Other | SEE ATTACHED Normal Turnaround (TAT) | Contact ELI prior RUSH sample su for charges and scheduling – See Instruction Page Comments: S H | Double ID(s): |
| SAMPLE IDENTIFICATION Collection (Name, Location, Interval, etc.) Date Time | MATRIX (S | | | Signature Y N Match |
| M-111 #11 420.09 | W-2gal. 1 | | C0904067 | 14 🔊 |
| 2 M-112 #12 | | | | |
| 3 M-/13 # 13 |) | | | (O) Non |
| 4 M-114 # 14 | | | | |
| 5 M-115 # 15 | | | | lk i |
| 6 M-116 #16 | | | | 08/2 |
| 7 M-117 #17 | | | | ATT |
| ° M-119 # 18 | | | | |
| ° M-120 # 19 | | | | |
| 1 - 1 | | | | |
| Custody Relinquished by (print): Date/Time: | Signature | | Date/Time: | Signature: |
| Record Rejinalished by (print): Date/Time: | Signature: | Redeived by (print): | 20-09 5:30 P.M. | . Signature: |
| MUST be | | Received by Laboratory: | 4/21/09 820 Pater Time | Signature: |
| Signed Sample Disposal: Return to Client: | Lab Disposal: | 4.6 | 11-09 8:20 | 1 thurst 1 |



Chain of Custody and Analytical Request Record PLEASE PRINT- Provide as much information as possible.

Page <u>3</u> of <u>3</u>

| Company Name: | Project Name, PWS, Permit, Etc. | Sample Origin | EPA/State Compliance: |
|--|--|--|---|
| LIC-ea-on. | ost leek | State: | Yes □ No □ |
| Report Mail Address: 5880 Enterprise Dr Sute 200 | Contact Name: Phone/Fax: | Email: | Sampler: (Please Print) |
| | John Cash 307-265-2373 | The data communities (| 1- 2- |
| Invoice Address: | Invoice Contact & Phone: | John, Cashour-chergy Usa. | Quote/Bottle Order: |
| invoice Address. | | | |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: | Number of Containers Sample Type: A W S V B O Air Water Soils/Solids Vegetation Bioassay Other C \ \times \ S \ \ | R for charges and | ubmittal Cooler ID(s): |
| GSA EDD/EDT(Electronic Data) POTW/WWTP Format: LEVEL IV Other: NELAC | Number of Sample Type Sample Type Air Water Vegetation B. | SEE ATTACHED Normal Turnaround (TAT) S Instruction Page Comments: H | On Ice: Yes No Custody Seal Y N Bottles/ Coolers B C Intact Y N |
| SAMPLE IDENTIFICATION Collection Collection (Name, Location, Interval, etc.) Date Time | MATRIX 7 | | Signature Y N Match |
| M129- #21 4.20.09 | w-2go 19. | (090406 | 44 |
| 2 M 130 - # 22 / | wage y | | OWILL |
| 3 1130 | | | 0 |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | <u> </u> |
| 8 | | | |
| | | | |
| 9 | | | |
| 10 | | | |
| Custody Relinquished by (print): Date/Time: 4-20-69-5/3 | Signature Received by (pi | | Signature |
| Relinquished by (print): Date/Time: | Regelved by (pi | rint); Date/Time: / | Signature: |
| MUST be Signed Sample Disposal: Return to Client: | Received by L. | Corsum 4/21/09 820 | V Signer V |

Energy Laboratories Inc Workorder Receipt Checklist



UR Energy USA Inc

Contact and Corrective Action Comments:

None

Date and Time Received: 4/21/2009 8:20 AM Login completed by: Kimberly Humiston Received by: klh Reviewed by: Carrier name: Hand Del **Reviewed Date:** Not Present ✓ No 🗌 Yes 🗍 Shipping container/cooler in good condition? Not Present ✓ Yes 🔲 No 🗔 Custody seals intact on shipping container/cooler? Not Present ✓ Custody seals intact on sample bottles? Yes 🖂 No 🗍 No 🗌 Yes ✓ Chain of custody present? No 🖂 Chain of custody signed when relinquished and received? Yes ✓ Yes ✓ No 🗌 Chain of custody agrees with sample labels? Yes 🔽 No 🗍 Samples in proper container/bottle? No 🗌 Sample containers intact? Yes ✓ Yes [√] No 🗌 Sufficient sample volume for indicated test? No 🔲 Yes ✓ All samples received within holding time? 8°C Container/Temp Blank temperature: No VOA vials submitted 🗸 Yes 🖂 No 🗀 Water - VOA vials have zero headspace? Yes ✓ No 🗌 Not Applicable Water - pH acceptable upon receipt?

CLIENT:

UR Energy USA Inc

Date: 09-Jun-09

Project:

Lost Creek

CASE NARRATIVE

Sample Delivery Group: C09040674

PREP COMMENTS

The prep holding time for the Filtration of Dissolved Metals was exceeded by up to 23.5 days.

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS

Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS

The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505

Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT

eli-g - Energy Laboratories, Inc. - Gillette, WY

eli-h - Energy Laboratories, Inc. - Helena, MT

eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER, WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT



ANALYTICAL SUMMARY REPORT

June 12, 2009

UR Energy USA Inc 10758 W Centennial Rd Ste 200 Ken Caryl Ranch, CO 80127

Workorder No.: C09040693

40693 Quote

Quote ID: C2998 - Baseline Monitoring

Project Name:

Lost Creek

Energy Laboratories, Inc. received the following 20 samples for UR Energy USA Inc on 4/21/2009 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|--------------|------------------|----------------|--------------|---------|--|
| C09040693-00 | 01 M-128 | 04/21/09 00:00 | 04/21/09 | Aqueous | Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved |
| C09040693-00 | 02 M-127 | 04/21/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040693-00 | 03 M-126 | 04/21/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040693-00 | 04 M-125 | 04/21/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040693-00 | 05 M-124 | 04/21/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040693-00 | 06 M-123 | 04/21/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040693-00 | 07 M-122 | 04/21/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040693-0 | 08 M-119 | 04/21/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040693-0 | 09 MU-110 | 04/21/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040693-0 | 10 MP-110 | 04/21/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040693-0 | 11 M-131 | 04/21/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040693-0 | 12 MU-112 | 04/21/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040693-0 | 13 MP-112 | 04/21/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040693-0 | 14 MO-112 | 04/21/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040693-0 | 15 MU-111 | 04/21/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040693-0 | 16 MP-111 | 04/21/09 00:00 | 04/21/09 | Aqueous | Same As Above |
| C09040693-0 | 17 MO-113 | 04/21/09 00:00 | 0 04/21/09 | Aqueous | Same As Above |
| C09040693-0 | 18 MU-113 | 04/21/09 00:00 | 0 04/21/09 | Aqueous | Same As Above |
| C09040693-0 | 19 M-132 | 04/21/09 00:00 | 0 04/21/09 | Aqueous | Same As Above |



ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602 Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

C09040693-020 MO-110

04/21/09 00:00 04/21/09

Aqueous

Same As Above

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Styphanie Waldrep



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-001

Client Sample ID: M-128

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| Analyses | Nesuit | UIIKS | Qualifiers | IVE. | | | , |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 109 | mg/L | | 1 | | A2320 B | 04/27/09 12:17 / ljl |
| Carbonate as CO3 | 1 | mg/L | | 1 | | A2320 B | 04/27/09 12:17 / ljl |
| Bicarbonate as HCO3 | 130 | mg/L | | 1 | | A2320 B | 04/27/09 12:17 / lji |
| Calcium | 74 | mg/L | | 1 | | E200.7 | 04/27/09 15:17 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 04/28/09 03:45 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 12:14 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 04/27/09 15:17 / rdw |
| Nitrogen, Ammonia as N | 0.07 | mg/L | | 0.05 | | E350.1 | 04/24/09 10:31 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/24/09 12:13 / eli-b |
| Potassium | 8 | mg/L | | 1 | | E200.7 | 04/27/09 15:17 / rdw |
| Silica | 15.5 | mg/L | | 0.2 | | E200.7 | 04/28/09 15:33 / cp |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 04/27/09 15:17 / rdw |
| Sulfate | 155 | mg/L | | 1 | | E300.0 | 04/28/09 03:45 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 546 | umhos/cm | | 1 | | A2510 B | 04/22/09 11:58 / dd |
| pH | 8.51 | s.u. | | 0.01 | | A4500-H B | 04/22/09 11:58 / dd |
| Solids, Total Dissolved TDS @ 180 C | 349 | mg/L | | 10 | | A2540 C | 04/22/09 13:53 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 03:56 / ts |
| Arsenic | 0.007 | mg/L | | 0.001 | | E200.8 | 04/25/09 03:56 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 03:56 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 15:33 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 03:56 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 03:56 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 15:33 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 15:17 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 03:56 / ts |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.8 | 04/25/09 03:56 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 03:56 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 03:56 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 03:56 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 03:56 / ts |
| Uranium | 0.0773 | mg/L | | 0.0003 | | E200.8 | 04/25/09 03:56 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 03:56 / ts |
| Zinc | 0.09 | mg/L | | 0.01 | | E200.7 | 04/27/09 15:17 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/24/09 15:35 / rdw |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.7 | 05/07/09 16:09 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-001

Client Sample ID: M-128

Report Date: 06/12/09 Collection Date: 04/21/09

DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|---------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 81.9 | pCi/L | | | | E900.0 | 05/13/09 01:15 / cgr |
| Gross Alpha precision (±) | 4.2 | pCi/L | | | | E900.0 | 05/13/09 01:15 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 05/13/09 01:15 / cgr |
| Gross Beta | 34.1 | pCi/L | | | | E900.0 | 05/13/09 01:15 / cgr |
| Gross Beta precision (±) | 2.4 | pCi/L | | | | E900.0 | 05/13/09 01:15 / cgr |
| Gross Beta MDC | 3.1 | pCi/L | | | | E900.0 | 05/13/09 01:15 / cgr |
| Radium 226 | 1.1 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 226 precision (±) | 0.22 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 228 | 1.6 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.0164 | % | | | | Calculation | 04/30/09 11:08 / kbh |
| Anions | 5.57 | meq/L | | | | Calculation | 04/30/09 11:08 / kbh |
| Cations | 5.57 | meq/L | | | | Calculation | 04/30/09 11:08 / kbh |
| Solids, Total Dissolved Calculated | 363 | mg/L | | | | Calculation | 04/30/09 11:08 / kbh |
| TDS Balance (0.80 - 1.20) | 0.960 | - | | | | Calculation | 04/30/09 11:08 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-002

Client Sample ID: M-127

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|-------------------------|----------|------------|--------|-------------|-----------|--------------------------|
| | | | | | | | |
| MAJOR IONS | 100 | ma/l | | 1 | | A2320 B | 04/27/09 12:25 / ljl |
| Alkalinity, Total as CaCO3 | 109 | mg/L | | 1 | | A2320 B | 04/27/09 12:25 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/27/09 12:25 / ijl |
| Bicarbonate as HCO3 | 132 | mg/L | | 1 | | E200.7 | 04/27/09 15:26 / rdw |
| Calcium | 58 | mg/L | | | | E300.7 | 04/28/09 04:00 / lil |
| Chloride | 5 | mg/L | | 1 | | A4500-F C | 04/24/09 12:17 / lil |
| Fluoride | 0.2 | mg/L | | 0.1 | | | 04/27/09 15:26 / rdw |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 04/24/09 10:35 / eli-b |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | * ··= ·· · · · · · · · · |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/24/09 12:14 / eli-b |
| Potassium | 15 | mg/L | | 1 | | E200.7 | 04/27/09 15:26 / rdw |
| Silica | 15.4 | mg/L | | 0.2 | | E200.7 | 04/28/09 15:45 / cp |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 04/27/09 15:26 / rdw |
| Sulfate | 139 | mg/L | | 1 | | E300.0 | 04/28/09 04:00 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 520 | umhos/cm | | 1 | | A2510 B | 04/22/09 12:00 / dd |
| pH | 8.39 | s.u. | | 0.01 | | A4500-H B | 04/22/09 12:00 / dd |
| Solids, Total Dissolved TDS @ 180 C | 332 | mg/L | | 10 | | A2540 C | 04/22/09 13:53 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 04:03 / ts |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 04/25/09 04:03 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 04:03 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 15:45 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 04:03 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 04:03 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 15:45 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 15:26 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 04:03 / ts |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.8 | 04/25/09 04:03 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 04:03 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 04:03 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 04:03 / ts |
| Selenium | 0.005 | mg/L | | 0.001 | | E200.8 | 04/25/09 04:03 / ts |
| | 0.003 | mg/L | | 0.0003 | | E200.8 | 04/25/09 04:03 / ts |
| Uranium Vanadium | 0.12 4 ND | mg/L | | 0.0003 | | E200.8 | 04/25/09 04:03 / ts |
| Zinc | 0.05 | mg/L | | 0.01 | | E200.7 | 04/27/09 15:26 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/24/09 15:40 / rdw |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.7 | 05/07/09 16:13 / cp |
| manganese | 0.01 | | | · | | | |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-002

Client Sample ID: M-127

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|---------------------------------------|----|--------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | - | | · · · · · · · · · · · · · · · · · · · | | - | | |
| Gross Alpha | 116 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Alpha precision (±) | 4.5 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta | 58.8 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta precision (±) | 2.5 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Radium 226 | 0.75 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 226 precision (±) | 0.19 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 228 | 1.5 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.92 | % | | | | Calculation | 04/30/09 11:08 / kbh |
| Anions | 5.24 | meg/L | | | | Calculation | 04/30/09 11:08 / kbh |
| Cations | 4.94 | meq/L | | | | Calculation | 04/30/09 11:08 / kbh |
| Solids, Total Dissolved Calculated | 338 | mg/L | | | | Calculation | 04/30/09 11:08 / kbh |
| TDS Balance (0.80 - 1.20) | 0.980 | ŭ | | | | Calculation | 04/30/09 11:08 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-003

Client Sample ID: M-126

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 84 | mg/L | | 1 | | A2320 B | 04/27/09 12:32 / ljl |
| Carbonate as CO3 | 4 | mg/L | | 1 | | A2320 B | 04/27/09 12:32 / ljl |
| Bicarbonate as HCO3 | 94 | mg/L | | 1 | | A2320 B | 04/27/09 12:32 / ljl |
| Calcium | 56 | mg/L | | 1 | | E200.7 | 04/27/09 15:30 / rdw |
| Chloride | 7 | mg/L | | 1 | | E300.0 | 04/28/09 04:15 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 12:20 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 04/27/09 15:30 / rdw |
| Nitrogen, Ammonia as N | 0.32 | mg/L | | 0.05 | | E350.1 | 04/24/09 10:36 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/24/09 12:21 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 04/27/09 15:30 / rdw |
| Silica | 14.0 | mg/L | | 0.2 | | E200.7 | 04/28/09 16:42 / cp |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 04/27/09 15:30 / rdw |
| Sulfate | 148 | mg/L | | 1 | | E300.0 | 04/28/09 04:15 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 494 | umhos/cm | | 1 | | A2510 B | 04/22/09 12:13 / dd |
| pH | 8.61 | s.u. | | 0.01 | | A4500-H B | 04/22/09 12:13 / dd |
| Solids, Total Dissolved TDS @ 180 C | 324 | mg/L | | 10 | | A2540 C | 04/22/09 13:54 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 05:45 / ts |
| Arsenic | 0.006 | mg/L | | 0.001 | | E200.8 | 04/25/09 05:45 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 05:45 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 16:42 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 05:45 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 05:45 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 16:42 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 15:30 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 05:45 / ts |
| Manganese | 0.06 | mg/L | | 0.01 | | E200.8 | 04/25/09 05:45 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 05:45 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 05:45 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 05:45 / ts |
| Selenium | 0.005 | mg/L | | 0.001 | | E200.8 | 04/25/09 05:45 / ts |
| Uranium | 0.307 | mg/L | | 0.0003 | | E200.8 | 04/25/09 05:45 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 05:45 / ts |
| Zinc | 0.05 | mg/L | | 0.01 | | E200.7 | 04/27/09 15:30 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/05/09 03:07 / rdw |
| Manganese | 0.07 | mg/L | D | 0.02 | | E200.7 | 05/05/09 03:07 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-003

Client Sample ID: M-126

Report Date: 06/12/09

Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|----------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | <u> </u> | | | | | | |
| Gross Alpha | 358 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Alpha precision (±) | 7.5 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta | 136 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta precision (±) | 3.3 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Radium 226 | 1.9 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 226 precision (±) | 0.27 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 228 | 1.2 | pCi/L | U | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.98 | % | | | | Calculation | 04/30/09 11:09 / kbh |
| Anions | 4.94 | meq/L | | | | Calculation | 04/30/09 11:09 / kbh |
| Cations | 4.66 | meq/L | | | | Calculation | 04/30/09 11:09 / kbh |
| Solids, Total Dissolved Calculated | 320 | mg/L | | | | Calculation | 04/30/09 11:09 / kbh |
| TDS Balance (0.80 - 1.20) | 1.01 | ū | | | | Calculation | 04/30/09 11:09 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-004

Client Sample ID: M-125

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-------------|------------------------|
| | | <u> </u> | | | | | |
| MAJOR IONS | | | | | | 4.0000 D | 04/07/00 40:40 / 8 |
| Alkalinity, Total as CaCO3 | 110 | mg/L | | 1 | | A2320 B | 04/27/09 12:40 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/27/09 12:40 / ljl |
| Bicarbonate as HCO3 | 134 | mg/L | | 1 | | A2320 B | 04/27/09 12:40 / ljl |
| Calcium | 73 | mg/L | | 1 | | E200.7 | 04/27/09 15:34 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/28/09 04:31 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 12:23 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 04/27/09 15:34 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/24/09 10:37 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.06 | mg/L | | 0.05 | | E353.2 | 04/24/09 12:23 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 04/27/09 15:34 / rdw |
| Silica | 15.8 | mg/L | | 0.2 | | E200.7 | 04/28/09 16:46 / cp |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 04/27/09 15:34 / rdw |
| Sulfate | 151 | mg/L | | 1 | | E300.0 | 04/28/09 04:31 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 541 | umhos/cm | | 1 | | A2510 B | 04/22/09 12:15 / dd |
| pH | 7.99 | s.u. | | 0.01 | | A4500-H B | 04/22/09 12:15 / dd |
| Solids, Total Dissolved TDS @ 180 C | 362 | mg/L | | 10 | | A2540 C | 04/22/09 13:54 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 05:52 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 04/25/09 05:52 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 05:52 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 16:46 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 05:52 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 05:52 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 16:46 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 15:34 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 05:52 / ts |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.8 | 04/25/09 05:52 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 05:52 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 05:52 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 05:52 / ts |
| Selenium | 0.011 | mg/L | | 0.001 | | E200.8 | 04/25/09 05:52 / ts |
| Uranium | 0.274 | mg/L | | 0.0003 | | E200.8 | 04/25/09 05:52 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 05:52 / ts |
| Zinc | 0.06 | mg/L | | 0.01 | | E200.7 | 04/27/09 15:34 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/24/09 15:44 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 17:06 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-004

Client Sample ID: M-125

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|--------|------------|----|-------------|-------------|----------------------|
| Allalyses | | Office | 444 | | | | |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 255 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Alpha precision (±) | 6.7 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta | 113 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta precision (±) | 3.1 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Radium 226 | 2.5 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 226 precision (±) | 0.32 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 228 | 1.1 | pCi/L | U | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.234 | % | | | | Calculation | 04/30/09 11:10 / kbh |
| Anions | 5.52 | meq/L | | | | Calculation | 04/30/09 11:10 / kbh |
| Cations | 5.49 | meq/L | | | | Calculation | 04/30/09 11:10 / kbh |
| Solids, Total Dissolved Calculated | 357 | mg/L | | | | Calculation | 04/30/09 11:10 / kbh |
| TDS Balance (0.80 - 1.20) | 1.01 | | | | | Calculation | 04/30/09 11:10 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-005

Client Sample ID: M-124

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|--------------------|--|
| | | | | | | | |
| MAJOR IONS | 440 | | | 4 | | A2320 B | 04/27/09 13:02 / ljl |
| Alkalinity, Total as CaCO3 | 112 | mg/L | | 1 | | | 04/27/09 13:02 / ljl |
| Carbonate as CO3 | 4 | mg/L | | 1 | | A2320 B A2320 B | 04/27/09 13:02 / ljl |
| Bicarbonate as HCO3 | 128 | mg/L | | 1 | | | = |
| Calcium | 58 | mg/L | | 1 | | E200.7 | 04/27/09 15:39 / rdw 04/28/09 04:46 / ljl |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/24/09 12:32 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | • |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 04/27/09 15:39 / rdw |
| Nitrogen, Ammonia as N | 0.05 | mg/L | | 0.05 | | E350.1 | 04/24/09 10:38 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/24/09 12:18 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 04/27/09 15:39 / rdw |
| Silica | 15.5 | mg/L | | 0.2 | | E200.7 | 04/28/09 16:50 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 04/27/09 15:39 / rdw |
| Sulfate | 108 | mg/L | | 1 | | E300.0 | 04/28/09 04:46 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 454 | umhos/cm | | 1 | | A2510 B | 04/22/09 12:17 / dd |
| Hq | 8.49 | s.u. | | 0.01 | | A4500-H B | 04/22/09 12:17 / dd |
| Solids, Total Dissolved TDS @ 180 C | 300 | mg/L | | 10 | | A2540 C | 04/22/09 13:54 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 05:59 / ts |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 04/25/09 05:59 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 05:59 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 16:50 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 05:59 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 05:59 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 16:50 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 15:39 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 05:59 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 04/25/09 05:59 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 05:59 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 05:59 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 05:59 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 05:59 / ts |
| Uranium | 0.0502 | mg/L | | 0.0003 | | E200.8 | 04/25/09 05:59 / ts |
| Vanadium | ND | mg/L | | 0.000 | | E200.8 | 04/25/09 05:59 / ts |
| Zinc | 0.08 | mg/L | | 0.01 | | E200.7 | 04/27/09 15:39 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/05/09 03:12 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/05/09 03:12 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

QCL - Quality Control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-005

Client Sample ID: M-124

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 62.6 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Alpha precision (±) | 3.3 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta | 27.4 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta precision (±) | 2.1 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Radium 226 | 1.5 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 226 precision (±) | 0.24 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 228 | 0.7 | pCi/L | U | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.55 | % | | | | Calculation | 04/30/09 11:11 / kbh |
| Anions | 4.64 | meq/L | | | | Calculation | 04/30/09 11:11 / kbh |
| Cations | 4.50 | meq/L | | | | Calculation | 04/30/09 11:11 / kbh |
| Solids, Total Dissolved Calculated | 296 | mg/L | | | | Calculation | 04/30/09 11:11 / kbh |
| TDS Balance (0.80 - 1.20) | 1.01 | - | | | | Calculation | 04/30/09 11:11 / kbh |

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project: Lab ID: Lost Creek C09040693-006

Client Sample ID: M-123

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 109 | mg/L | | 1 | | A2320 B | 04/27/09 13:10 / ljl |
| Carbonate as CO3 | 4 | mg/L | | 1 | | A2320 B | 04/27/09 13:10 / ljl |
| Bicarbonate as HCO3 | 124 | mg/L | | 1 | | A2320 B | 04/27/09 13:10 / ljl |
| Calcium | 54 | mg/L | | 1 | | E200.7 | 04/27/09 15:52 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 04/28/09 05:02 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 12:35 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 04/27/09 15:52 / rdw |
| Nitrogen, Ammonia as N | 0.06 | mg/L | | 0.05 | | E350.1 | 04/24/09 10:39 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/24/09 12:24 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 04/27/09 15:52 / rdw |
| Silica | 16.4 | mg/L | | 0.2 | | E200.7 | 04/28/09 16:54 / cp |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 04/27/09 15:52 / rdw |
| Sulfate | 117 | mg/L | | 1 | | E300.0 | 04/28/09 05:02 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 472 | umhos/cm | | 1 | | A2510 B | 04/22/09 12:19 / dd |
| pH | 8.52 | s.u. | | 0.01 | | A4500-H B | 04/22/09 12:19 / dd |
| Solids, Total Dissolved TDS @ 180 C | 313 | mg/L | | 10 | | A2540 C | 04/22/09 13:54 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 06:05 / ts |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 04/25/09 06:05 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 06:05 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 16:54 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 06:05 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 06:05 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 16:54 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 15:52 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 06:05 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 04/25/09 06:05 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 06:05 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 06:05 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 06:05 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 06:05 / ts |
| Uranium | 0.0124 | mg/L | | 0.0003 | | E200.8 | 04/25/09 06:05 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 06:05 / ts |
| Zinc | 0.06 | mg/L | | 0.01 | | E200.7 | 04/27/09 15:52 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 21:06 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/06/09 21:06 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-006

Client Sample ID: M-123

Report Date: 06/12/09 Collection Date: 04/21/09

DateReceived: 04/21/09

Matrix: Aqueous

| | Result | 11 | 0 | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|------|-------------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL . | QOL - | Metriod | Allalysis bate / by |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 29.2 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Alpha precision (±) | 2.3 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta | 14.4 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Radium 226 | 2.3 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 226 precision (±) | 0.31 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 228 | 1.4 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.08 | % | | | | Calculation | 04/30/09 11:12 / kbh |
| Anions | 4.80 | meq/L | | | | Calculation | 04/30/09 11:12 / kbh |
| Cations | 4.42 | meq/L | | | | Calculation | 04/30/09 11:12 / kbh |
| Solids, Total Dissolved Calculated | 304 | mg/L | | | | Calculation | 04/30/09 11:12 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | - | | | | Calculation | 04/30/09 11:12 / kbh |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-007

Client Sample ID: M-122

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 115 | mg/L | | 1 | | A2320 B | 04/27/09 13:17 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/27/09 13:17 / ljl |
| Bicarbonate as HCO3 | 140 | mg/L | | 1 | | A2320 B | 04/27/09 13:17 / ljl |
| Calcium | 63 | mg/L | | 1 | | E200.7 | 04/27/09 16:09 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/28/09 05:17 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 12:37 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 04/27/09 16:09 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/24/09 10:41 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/24/09 12:25 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 04/27/09 16:09 / rdw |
| Silica | 16.8 | mg/L | | 0.2 | | E200.7 | 04/28/09 16:58 / cp |
| Sodium | 37 | mg/L | | 1 | | E200.7 | 04/27/09 16:09 / rdw |
| Sulfate | 125 | mg/L | | 1 | | E300.0 | 04/28/09 05:17 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 498 | umhos/cm | | 1 | | A2510 B | 04/22/09 12:21 / dd |
| pH | 8.02 | s.u. | | 0.01 | | A4500-H B | 04/22/09 12:21 / dd |
| Solids, Total Dissolved TDS @ 180 C | 336 | mg/L | | 10 | | A2540 C | 04/22/09 13:55 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 06:12 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 04/25/09 06:12 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 06:12 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 16:58 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 06:12 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 06:12 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 16:58 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 16:09 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 06:12 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 04/25/09 06:12 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 06:12 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 06:12 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 06:12 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 06:12 / ts |
| Uranium | 0.0450 | mg/L | | 0.0003 | | E200.8 | 04/25/09 06:12 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 06:12 / ts |
| Zinc | 0.06 | mg/L | | 0.01 | | E200.7 | 04/27/09 16:09 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 21:11 / rdw |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 05/07/09 17:51 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-007

Client Sample ID: M-122

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 68.1 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Gross Alpha precision (±) | 3.5 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Gross Beta | 32.5 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Gross Beta precision (±) | 2.2 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Radium 226 | 7.8 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 226 precision (±) | 0.52 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/12/09 16:43 / trs |
| Radium 228 | 1.2 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.711 | % | | | | Calculation | 04/30/09 11:12 / kbh |
| Anions | 5.04 | meq/L | | | | Calculation | 04/30/09 11:12 / kbh |
| Cations | 5.11 | meq/L | | | | Calculation | 04/30/09 11:12 / kbh |
| Solids, Total Dissolved Calculated | 327 | mg/L | | | | Calculation | 04/30/09 11:12 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | - | | | | Calculation | 04/30/09 11:12 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-008

Client Sample ID: M-119

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| | . | | 0 | DI. | MCL/ QCL | Mathed | Analysis Date / Bu |
|-------------------------------------|--------------|----------|------------|--------|-------------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 114 | mg/L | | 1 | | A2320 B | 04/27/09 13:24 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/27/09 13:24 / ljl |
| Bicarbonate as HCO3 | 139 | mg/L | | 1 | | A2320 B | 04/27/09 13:24 / ljl |
| Calcium | 60 | mg/L | | 1 | | E200.7 | 04/27/09 16:14 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/28/09 06:03 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 12:40 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 04/27/09 16:14 / rdw |
| Nitrogen, Ammonia as N | 0.13 | mg/L | | 0.05 | | E350.1 | 04/24/09 10:42 / eli-t |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/24/09 12:26 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 04/27/09 16:14 / rdw |
| Silica | 15.8 | mg/L | | 0.2 | | E200.7 | 04/28/09 17:02 / cp |
| Sodium | 37 | mg/L | | 1 | | E200.7 | 04/27/09 16:14 / rdw |
| Sulfate | 126 | mg/L | | 1 | | E300.0 | 04/28/09 06:03 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 498 | umhos/cm | | 1 | | A2510 B | 04/22/09 12:23 / dd |
| pH | 8.05 | s.u. | | 0.01 | | A4500-H B | 04/22/09 12:23 / dd |
| Solids, Total Dissolved TDS @ 180 C | 329 | mg/L | | 10 | | A2540 C | 04/22/09 13:56 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 06:19 / ts |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 04/25/09 06:19 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 06:19 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 17:02 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 06:19 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 06:19 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 17:02 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 16:14 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 06:19 / ts |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.8 | 04/25/09 06:19 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 06:19 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 06:19 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 06:19 / ts |
| Selenium | 0.001 | mg/L | | 0.001 | | E200.8 | 04/25/09 06:19 / ts |
| Uranium | 0.0752 | mg/L | | 0.0003 | | E200.8 | 04/25/09 06:19 / ts |
| Vanadium | 0.0732 ND | mg/L | | 0.000 | | E200.8 | 04/25/09 06:19 / ts |
| Zinc | 0.05 | mg/L | | 0.01 | | E200.7 | 04/27/09 16:14 / rdv |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/24/09 15:48 / rdv |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.7 | 05/07/09 17:10 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-008

Client Sample ID: M-119

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 95.1 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Gross Alpha precision (±) | 4.0 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Gross Beta | 34.5 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Gross Beta precision (±) | 2.2 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Radium 226 | 1.3 | pCi/L | | | | E903.0 | 05/12/09 22:01 / trs |
| Radium 226 precision (±) | 0.24 | pCi/L | | | | E903.0 | 05/12/09 22:01 / trs |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 05/12/09 22:01 / trs |
| Radium 228 | 1.2 | pCi/L | U | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.19 | % | | | | Calculation | 04/30/09 11:13 / kbh |
| Anions | 5.06 | meq/L | | | | Calculation | 04/30/09 11:13 / kbh |
| Cations | 4.94 | meq/L | | | | Calculation | 04/30/09 11:13 / kbh |
| Solids, Total Dissolved Calculated | 323 | mg/L | | | | Calculation | 04/30/09 11:13 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | • | | | | Calculation | 04/30/09 11:13 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-009

Client Sample ID: MU-110

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|----------|--------------|---------------------------------------|--------|-------------|-----------|------------------------|
| | | | · · · · · · · · · · · · · · · · · · · | | | | |
| MAJOR IONS | 33 | mg/L | В | 1 | | A2320 B | 04/27/09 13:30 / ljl |
| Alkalinity, Total as CaCO3 | 19 | mg/L | b | , 1 | | A2320 B | 04/27/09 13:30 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/27/09 13:30 / ljl |
| Bicarbonate as HCO3 | 21 | | | 1 | | E200.7 | 04/27/09 16:19 / rdw |
| Calcium | 10 | mg/L mg/L | | 1 | | E300.0 | 04/28/09 06:19 / lil |
| Chloride | 0.3 | mg/L | | 0.1 | | A4500-F C | 04/24/09 12:43 / ljl |
| Fluoride | ND | - | | 1 | | E200.7 | 04/27/09 16:19 / rdw |
| Magnesium | | mg/L | | 0.05 | | E350.1 | 04/24/09 10:45 / eli-b |
| Nitrogen, Ammonia as N | 0.32 | mg/L | | 0.05 | | E353.2 | 04/24/09 12:27 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND 46 | mg/L | | 1 | | E300.7 | 04/27/09 16:19 / rdw |
| Potassium | 16 | mg/L | | 0.2 | | E200.7 | 04/28/09 17:06 / cp |
| Silica | 15.0 | mg/L | | | | E200.7 | 04/27/09 16:19 / rdw |
| Sodium | 39 | mg/L | | 1 | | | 04/28/09 06:19 / ljl |
| Sulfate | 105 | mg/L | | 1 | | E300.0 | 04/26/09 06. 19 / iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 382 | umhos/cm | | 1 | | A2510 B | 04/22/09 12:24 / dd |
| pH | 10.2 | s.u. | | 0.01 | | A4500-H B | 04/22/09 12:24 / dd |
| Solids, Total Dissolved TDS @ 180 C | 238 | mg/L | | 10 | | A2540 C | 04/22/09 13:56 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | 0.2 | mg/L | | 0.1 | | E200.8 | 04/25/09 06:26 / ts |
| Arsenic | 0.022 | mg/L | | 0.001 | | E200.8 | 04/25/09 06:26 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 06:26 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 17:06 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 06:26 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 06:26 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 17:06 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 16:19 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 06:26 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 04/25/09 06:26 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 06:26 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 06:26 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 06:26 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 06:26 / ts |
| Uranium | 0.0633 | mg/L | | 0.0003 | | E200.8 | 04/25/09 06:26 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 06:26 / ts |
| Zinc | 0.06 | mg/L | | 0.01 | | E200.7 | 04/27/09 16:19 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/24/09 15:53 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 17:14 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-009

Client Sample ID: MU-110

Report Date: 06/12/09

Collection Date: 04/21/09

DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 81.2 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Gross Alpha precision (±) | 3.7 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Gross Beta | 51.4 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Gross Beta precision (±) | 2.4 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/05/09 03:16 / cgr |
| Radium 226 | 1.8 | pCi/L | | | | E903.0 | 05/12/09 22:01 / trs |
| Radium 226 precision (±) | 0.23 | pCi/L | | | | E903.0 | 05/12/09 22:01 / trs |
| Radium 226 MDC | 0.12 | pCi/L | | | | E903.0 | 05/12/09 22:01 / trs |
| Radium 228 | 1.7 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 precision (±) | 0.6 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 MDC | 0.8 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.750 | % | | | | Calculation | 04/30/09 11:13 / kbh |
| Anions | 3.16 | meq/L | | | | Calculation | 04/30/09 11:13 / kbh |
| Cations | 3.21 | meq/L | | | | Calculation | 04/30/09 11:13 / kbh |
| Solids, Total Dissolved Calculated | 231 | mg/L | | | | Calculation | 04/30/09 11:13 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | - | | | | Calculation | 04/30/09 11:13 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-010

Client Sample ID: MP-110

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| | _ | | | | MCL/ | | A |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 104 | mg/L | | 1 | | A2320 B | 04/25/09 00:02 / ljl |
| Carbonate as CO3 | 2 | mg/L | | 1 | | A2320 B | 04/25/09 00:02 / ljl |
| Bicarbonate as HCO3 | 123 | mg/L | | 1 | | A2320 B | 04/25/09 00:02 / ljl |
| Calcium | 51 | mg/L | | 1 | | E200.7 | 04/27/09 16:23 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/28/09 06:34 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 12:45 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 04/27/09 16:23 / rdw |
| Nitrogen, Ammonia as N | 0.05 | mg/L | | 0.05 | | E350.1 | 04/24/09 10:49 / eli-l |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/24/09 12:29 / eli-l |
| Potassium | 16 | mg/L | | 1 | | E200.7 | 04/27/09 16:23 / rdw |
| Silica | 15.0 | mg/L | | 0.2 | | E200.7 | 04/28/09 17:10 / cp |
| Sodium | 38 | mg/L | | 1 | | E200.7 | 04/27/09 16:23 / rdw |
| Sulfate | 128 | mg/L | | 1 | | E300.0 | 04/28/09 06:34 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 498 | umhos/cm | | 1 | | A2510 B | 04/22/09 12:26 / dd |
| Hq | 8.41 | s.u. | | 0.01 | | A4500-H B | 04/22/09 12:26 / dd |
| Solids, Total Dissolved TDS @ 180 C | 328 | mg/L | | 10 | | A2540 C | 04/22/09 13:56 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:13 / ts |
| Arsenic | 0.009 | mg/L | | 0.001 | | E200.8 | 04/25/09 07:13 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:13 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 17:10 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 07:13 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 07:13 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 17:10 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 16:23 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 07:13 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 04/25/09 07:13 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 07:13 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:13 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 07:13 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 07:13 / ts |
| Uranium | 0.241 | mg/L | | 0.0003 | | E200.8 | 04/25/09 07:13 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:13 / ts |
| Zinc | 0.05 | mg/L | | 0.01 | | E200.7 | 04/27/09 16:23 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 21:16 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 17:55 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-010

Client Sample ID: MP-110

Report Date: 06/12/09 Collection Date: 04/21/09

DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 2040 | pCi/L | | | | E900.0 | 05/13/09 01:15 / cgr |
| Gross Alpha precision (±) | 19.5 | pCi/L | | | | E900.0 | 05/13/09 01:15 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 05/13/09 01:15 / cgr |
| Gross Beta | 816 | pCi/L | | | | E900.0 | 05/13/09 01:15 / cgr |
| Gross Beta precision (±) | 7.6 | pCi/L | | | | E900.0 | 05/13/09 01:15 / cgr |
| Gross Beta MDC | 3.1 | pCi/L | | | | E900.0 | 05/13/09 01:15 / cgr |
| Radium 226 | 732 | pCi/L | | | | E903.0 | 05/12/09 22:01 / trs |
| Radium 226 precision (±) | 5.4 | pCi/L | | | | E903.0 | 05/12/09 22:01 / trs |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 05/12/09 22:01 / trs |
| Radium 228 | 5.6 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/05/09 17:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.705 | % | | | | Calculation | 04/30/09 11:14 / kbh |
| Anions | 4.89 | meq/L | | | | Calculation | 04/30/09 11:14 / kbh |
| Cations | 4.82 | meq/L | | | | Calculation | 04/30/09 11:14 / kbh |
| Solids, Total Dissolved Calculated | 322 | mg/L | | | | Calculation | 04/30/09 11:14 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | - | | | | Calculation | 04/30/09 11:14 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-011

Client Sample ID: M-131

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 105 | mg/L | | 1 | | A2320 B | 04/25/09 00:10 / ljl |
| Carbonate as CO3 | 4 | mg/L | | 1 | | A2320 B | 04/25/09 00:10 / ljl |
| Bicarbonate as HCO3 | 120 | mg/L | | 1 | | A2320 B | 04/25/09 00:10 / ljl |
| Calcium | 52 | mg/L | | 1 | | E200.7 | 04/27/09 16:27 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/28/09 07:36 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 13:01 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 04/27/09 16:27 / rdw |
| Nitrogen, Ammonia as N | 0.06 | mg/L | | 0.05 | | E350.1 | 04/24/09 10:50 / eli-l |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/24/09 12:30 / eli-l |
| Potassium | 16 | mg/L | | 1 | | E200.7 | 04/27/09 16:27 / rdw |
| Silica | 15.2 | mg/L | | 0.2 | | E200.7 | 04/28/09 17:26 / cp |
| Sodium | 39 | mg/L | | 1 | | E200.7 | 04/27/09 16:27 / rdw |
| Sulfate | 128 | mg/L | | 1 | | E300.0 | 04/28/09 07:36 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 496 | umhos/cm | | 1 | | A2510 B | 04/22/09 12:29 / dd |
| pH | 8.37 | s.u. | | 0.01 | | A4500-H B | 04/22/09 12:29 / dd |
| Solids, Total Dissolved TDS @ 180 C | 324 | mg/L | | 10 | | A2540 C | 04/22/09 13:57 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:20 / ts |
| Arsenic | 0.009 | mg/L | | 0.001 | | E200.8 | 04/25/09 07:20 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:20 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 17:26 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 07:20 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 07:20 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 17:26 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 16:27 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 07:20 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 04/25/09 07:20 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 07:20 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:20 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 07:20 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 07:20 / ts |
| Uranium | 0.239 | mg/L | | 0.0003 | | E200.8 | 04/25/09 07:20 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:20 / ts |
| Zinc | 0.05 | mg/L | | 0.01 | | E200.7 | 04/27/09 16:27 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 21:21 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 17:59 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-011

Client Sample ID: M-131

Report Date: 06/12/09 Collection Date: 04/21/09

DateReceived: 04/21/09

Matrix: Aqueous

| | Popult | | Ovelifiere | D. | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | - QCL | Metriod | Allalysis Date / Dy |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 2030 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Alpha precision (±) | 19.4 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta | 820 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta precision (±) | 7.6 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta MDC | 3.1 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Radium 226 | 846 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 226 precision (±) | 6.5 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 226 MDC | 0.25 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 228 | 4.8 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.108 | % | | | | Calculation | 04/30/09 11:14 / kbh |
| Anions | 4.91 | meq/L | | | | Calculation | 04/30/09 11:14 / kbh |
| Cations | 4.90 | meq/L | | | | Calculation | 04/30/09 11:14 / kbh |
| Solids, Total Dissolved Calculated | 325 | mg/L | | | | Calculation | 04/30/09 11:14 / kbh |
| TDS Balance (0.80 - 1.20) | 1.00 | - | | | | Calculation | 04/30/09 11:14 / kbh |

Report **Definitions:** RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-012

Client Sample ID: MU-112

Report Date: 06/12/09

Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 43 | mg/L | | 1 | | A2320 B | 04/25/09 00:17 / ljl |
| Carbonate as CO3 | 5 | mg/L | | 1 | | A2320 B | 04/25/09 00:17 / ljl |
| Bicarbonate as HCO3 | 43 | mg/L | | 1 | | A2320 B | 04/25/09 00:17 / ljl |
| Calcium | 30 | mg/L | | 1 | | E200.7 | 04/27/09 16:32 / rdw |
| Chloride | 12 | mg/L | | 1 | | E300.0 | 04/28/09 07:51 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 13:04 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 04/27/09 16:32 / rdw |
| Nitrogen, Ammonia as N | 0.08 | mg/L | | 0.05 | | E350.1 | 04/24/09 10:51 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/24/09 12:31 / eli-b |
| Potassium | 14 | mg/L | | 1 | | E200.7 | 04/27/09 16:32 / rdw |
| Silica | 14.5 | mg/L | | 0.2 | | E200.7 | 04/28/09 17:38 / cp |
| Sodium | 40 | mg/L | | 1 | | E200.7 | 04/27/09 16:32 / rdw |
| Sulfate | 115 | mg/L | | 1 | | E300.0 | 04/28/09 07:51 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 411 | umhos/cm | | 1 | | A2510 B | 04/22/09 12:31 / dd |
| pH | 9.38 | s.u. | | 0.01 | | A4500-H B | 04/22/09 12:31 / dd |
| Solids, Total Dissolved TDS @ 180 C | 259 | mg/L | | 10 | | A2540 C | 04/22/09 13:57 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | 0.1 | mg/L | | 0.1 | | E200.8 | 04/25/09 07:27 / ts |
| Arsenic | 0.011 | mg/L | | 0.001 | | E200.8 | 04/25/09 07:27 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:27 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 17:38 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 07:27 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 07:27 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 17:38 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 16:32 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 07:27 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 04/25/09 07:27 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 07:27 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:27 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 07:27 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 07:27 / ts |
| Uranium | 0.0068 | mg/L | | 0.0003 | | E200.8 | 04/25/09 07:27 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:27 / ts |
| Zinc | 0.04 | mg/L | | 0.01 | | E200.7 | 04/27/09 16:32 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 21:43 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 18:03 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-012

Client Sample ID: MU-112

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|---------|--------|------------|----|-------------|-------------|----------------------|
| Allalyses | Tresuit | Office | Quamicis | | | | |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 23.6 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Alpha precision (±) | 2.3 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta | 23.3 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta precision (±) | 2.2 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta MDC | 3.1 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Radium 226 | 3.5 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 226 precision (±) | 0.43 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 226 MDC | 0.24 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 228 | 2.9 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.718 | % | | | | Calculation | 04/30/09 11:15 / kbh |
| Anions | 3.59 | meq/L | | | | Calculation | 04/30/09 11:15 / kbh |
| Cations | 3.65 | meq/L | | | | Calculation | 04/30/09 11:15 / kbh |
| Solids, Total Dissolved Calculated | 255 | mg/L | | | | Calculation | 04/30/09 11:15 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | ū | | | | Calculation | 04/30/09 11:15 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-013

Client Sample ID: MP-112

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 47 | mg/L | | 1 | | A2320 B | 04/25/09 00:24 / ljl |
| Carbonate as CO3 | 24 | mg/L | | 1 | | A2320 B | 04/25/09 00:24 / ljl |
| Bicarbonate as HCO3 | ND | mg/L | | 1 | | A2320 B | 04/25/09 00:24 / ljl |
| Calcium | 36 | mg/L | | 1 | | E200.7 | 04/27/09 16:36 / rdw |
| Chloride | 8 | mg/L | | 1 | | E300.0 | 04/28/09 08:07 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 13:08 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 04/27/09 16:36 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/24/09 10:53 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/24/09 14:00 / eli-b |
| Potassium | 13 | mg/L | | 1 | | E200.7 | 04/27/09 16:36 / rdw |
| Silica | 12.6 | mg/L | | 0.2 | | E200.7 | 04/28/09 17:46 / cp |
| Sodium | 38 | mg/L | | 1 | | E200.7 | 04/27/09 16:36 / rdw |
| Sulfate | 126 | mg/L | | 1 . | | E300.0 | 04/28/09 08:07 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 469 | umhos/cm | | 1 | | A2510 B | 04/22/09 12:34 / dd |
| pH | 10.7 | s.u. | | 0.01 | | A4500-H B | 04/22/09 12:34 / dd |
| Solids, Total Dissolved TDS @ 180 C | 279 | mg/L | | 10 | | A2540 C | 04/22/09 13:57 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | 0.3 | mg/L | | 0.1 | | E200.8 | 04/25/09 07:33 / ts |
| Arsenic | 0.022 | mg/L | | 0.001 | | E200.8 | 04/25/09 07:33 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:33 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 17:46 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 07:33 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 07:33 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 17:46 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 16:36 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 07:33 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 04/25/09 07:33 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 07:33 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:33 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 07:33 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 07:33 / ts |
| Uranium | 0.263 | mg/L | | 0.0003 | | E200.8 | 04/25/09 07:33 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:33 / ts |
| Zinc | 0.04 | mg/L | | 0.01 | | E200.7 | 04/27/09 16:36 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 21:48 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 18:07 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-013

Client Sample ID: MP-112

Report Date: 06/12/09 Collection Date: 04/21/09

DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 554 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Alpha precision (±) | 9.3 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta | 275 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta precision (±) | 4.5 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Radium 226 | 155 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 226 precision (±) | 2.8 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 226 MDC | 0.25 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 228 | 1.9 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.0959 | % | | | | Calculation | 04/30/09 11:16 / kbh |
| Anions | 3.80 | meq/L | | | | Calculation | 04/30/09 11:16 / kbh |
| Cations | 3.81 | meq/L | | | | Calculation | 04/30/09 11:16 / kbh |
| Solids, Total Dissolved Calculated | 266 | mg/L | | | | Calculation | 04/30/09 11:16 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | - | | | | Calculation | 04/30/09 11:16 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-014

Client Sample ID: MO-112

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| 36 9 26 26 10 0.3 | mg/L mg/L mg/L mg/L mg/L | В | 1 | | A2320 B | 04/05/00 00:04 / 22 |
|----------------------------------|--|--|--|---|--|--|
| 9 26 26 10 0.3 | mg/L mg/L mg/L | В | | | A2320 B | 04/05/00 00:04 / 17 |
| 9 26 26 10 0.3 | mg/L mg/L mg/L | В | | | | 04/25/09 00:31 / ljl |
| 26 26 10 0.3 | mg/L mg/L | В | • | | A2320 B | 04/25/09 00:31 / ljl |
| 26 10 0.3 | mg/L | U | 1 | | A2320 B | 04/25/09 00:31 / ljl |
| 10 0.3 | | | 1 | | E200.7 | 04/27/09 16:41 / rdw |
| 0.3 | | | 1 | | E300.0 | 04/28/09 08:22 / ljl |
| | mg/L | | 0.1 | | A4500-F C | 04/24/09 13:11 / ljl |
| | mg/L | | 1 | | E200.7 | 04/27/09 16:41 / rdw |
| , ND | mg/L | | 0.05 | | E350.1 | 04/24/09 10:54 / eli- |
| 0.30 | mg/L | | 0.05 | | E353.2 | 04/24/09 14:01 / eli- |
| | - | | | | | 04/27/09 16:41 / rdw |
| | • | | | | | 04/28/09 17:50 / cp |
| | • | | | | | 04/27/09 16:41 / rdw |
| | _ | | | | | 04/28/09 08:22 / Ijl |
| 82 | mg/L | | 1 | | E300.0 | 04/26/09 06.22 / iji |
| | | | | | | |
| 307 | umhos/cm | | 1 | | A2510 B | 04/22/09 13:19 / dd |
| 9.69 | s.u. | | 0.01 | | A4500-H B | 04/22/09 13:19 / dd |
| 214 | mg/L | | 10 | | A2540 C | 04/22/09 13:58 / rp |
| | | | | | | |
| ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:40 / ts |
| 0.002 | mg/L | | 0.001 | | E200.8 | 04/25/09 07:40 / ts |
| ND | | | 0.1 | | E200.8 | 04/25/09 07:40 / ts |
| ND | _ | | 0.1 | | E200.7 | 04/28/09 17:50 / cp |
| ND | • | | 0.005 | | E200.8 | 04/25/09 07:40 / ts |
| ND | - | | 0.05 | | E200.8 | 04/25/09 07:40 / ts |
| | | D | 0.02 | | E200.7 | 04/28/09 17:50 / cp |
| | - | | | | E200.7 | 04/27/09 16:41 / rdv |
| | | | | | | 04/25/09 07:40 / ts |
| | | | | | | 04/25/09 07:40 / ts |
| | | | | | | 04/25/09 07:40 / ts |
| | • | | | | | 04/25/09 07:40 / ts |
| | - | | | | | 04/25/09 07:40 / ts |
| | = | | | | | 04/25/09 07:40 / ts |
| | | | | | | 04/25/09 07:40 / ts |
| | | | | | | 04/25/09 07:40 / ts |
| 0.04 | mg/L | | 0.01 | | E200.7 | 04/27/09 16:41 / rdv |
| | | | | | | |
| ND | ma/l | | 0.03 | | E200 7 | 05/06/09 21:53 / rdv |
| | - | | | | | 05/07/09 18:11 / cp |
| | 9.69 214 ND 0.002 ND ND ND ND ND ND ND ND ND ND ND ND | 3 mg/L 15.6 mg/L 29 mg/L 82 mg/L 307 umhos/cm 9.69 s.u. 214 mg/L ND mg/L | 3 mg/L 15.6 mg/L 29 mg/L 82 mg/L 307 umhos/cm 9.69 s.u. 214 mg/L ND mg/L | 3 mg/L 1 15.6 mg/L 0.2 29 mg/L 1 82 mg/L 1 307 umhos/cm 1 9.69 s.u. 0.01 214 mg/L 10 ND mg/L 0.1 ND mg/L 0.05 ND mg/L 0.05 ND mg/L 0.03 ND mg/L 0.01 ND mg/L 0.01 ND mg/L 0.03 ND mg/L 0.01 ND mg/L 0.03 ND mg/L 0.001 ND mg/L 0.01 ND mg/L 0.001 | 3 mg/L 1 15.6 mg/L 0.2 29 mg/L 1 82 mg/L 1 307 umhos/cm 1 9.69 s.u. 0.01 214 mg/L 10 ND mg/L 0.1 ND mg/L 0.005 ND mg/L 0.05 ND mg/L 0.03 ND mg/L 0.01 ND mg/L 0.03 ND mg/L 0.01 ND mg/L 0.01 ND mg/L 0.03 ND mg/L 0.01 ND mg/L 0.001 ND mg/L 0.01 ND mg/L 0.001 | 3 mg/L 1 E200.7 15.6 mg/L 0.2 E200.7 29 mg/L 1 E200.7 82 mg/L 1 E300.0 307 umhos/cm 1 A2510 B 9.69 s.u. 0.01 A4500-H B 214 mg/L 10 A2540 C ND mg/L 0.1 E200.8 ND mg/L 0.1 E200.7 ND mg/L 0.005 E200.8 ND mg/L 0.05 E200.8 ND mg/L 0.03 E200.7 ND mg/L 0.001 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.05 E200.8 ND mg/L 0.05 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.03 E200.7 ND mg/L 0.001 E200.8 |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-014

Client Sample ID: MO-112

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 137 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Alpha precision (±) | 4.3 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Alpha MDC | 1.1 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta | 53.1 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta precision (±) | 2.4 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Radium 226 | 1.4 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 226 precision (±) | 0.31 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 226 MDC | 0.26 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 228 | 0.8 | pCi/L | U | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.678 | % | | | | Calculation | 04/30/09 11:17 / kbh |
| Anions | 2.74 | meq/L | | | | Calculation | 04/30/09 11:17 / kbh |
| Cations | 2.77 | meq/L | | | | Calculation | 04/30/09 11:17 / kbh |
| Solids, Total Dissolved Calculated | 195 | mg/L | | | | Calculation | 04/30/09 11:17 / kbh |
| TDS Balance (0.80 - 1.20) | 1.10 | - | | | | Calculation | 04/30/09 11:17 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-015

Client Sample ID: MU-111

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|------------|--------------|---------------------------------------|--------|-------------|-----------|------------------------|
| | | | · · · · · · · · · · · · · · · · · · · | | | | |
| MAJOR IONS | 36 | mg/L | | 1 | | A2320 B | 04/25/09 00:38 / ljl |
| Alkalinity, Total as CaCO3 | 4 | • | | 1 | | A2320 B | 04/25/09 00:38 / Ijl |
| Carbonate as CO3 | 35 | mg/L | | 1 | | A2320 B | 04/25/09 00:38 / ljl |
| Bicarbonate as HCO3 | 35 21 | mg/L mg/L | | 1 | | E200.7 | 04/27/09 16:45 / rdw |
| Calcium | 10 | - | | 1 | | E300.0 | 04/28/09 08:37 / Ijl |
| Chloride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 13:19 / ljl |
| Fluoride | ND | mg/L | | 1 | | E200.7 | 04/27/09 16:45 / rdw |
| Magnesium | | mg/L | | 0.05 | | E350.1 | 04/24/09 10:55 / eli-b |
| Nitrogen, Ammonia as N | 0.11 | mg/L | | 0.05 | | E353.2 | 04/24/09 14:02 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 1 | | E200.7 | 04/27/09 16:45 / rdw |
| Potassium | 26 | mg/L | | 0.2 | | E200.7 | 04/28/09 18:43 / cp |
| Silica | 12.3 43 | mg/L | | 1 | | E200.7 | 04/27/09 16:45 / rdw |
| Sodium | | mg/L | | 1 | | E300.7 | 04/28/09 08:37 / ljl |
| Sulfate | 132 | mg/L | | ' | | €300.0 | 04/26/09 06.57 / iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 432 | umhos/cm | | 1 | | A2510 B | 04/22/09 13:20 / dd |
| pH | 9.42 | s.u. | | 0.01 | | A4500-H B | 04/22/09 13:20 / dd |
| Solids, Total Dissolved TDS @ 180 C | 273 | mg/L | | 10 | | A2540 C | 04/22/09 13:58 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | 0.3 | mg/L | | 0.1 | | E200.8 | 04/25/09 07:47 / ts |
| Arsenic | 0.008 | mg/L | | 0.001 | | E200.8 | 04/25/09 07:47 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:47 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 18:43 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 07:47 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 07:47 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 18:43 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 16:45 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 07:47 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 04/25/09 07:47 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 07:47 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:47 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 07:47 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 07:47 / ts |
| Uranium | 0.0668 | mg/L | | 0.0003 | | E200.8 | 04/25/09 07:47 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:47 / ts |
| Zinc | 0.03 | mg/L | | 0.01 | | E200.7 | 04/27/09 16:45 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 22:03 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 18:27 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-015

Client Sample ID: MU-111

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 397 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Alpha precision (±) | 8.6 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta | 198 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta precision (±) | 4.1 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta MDC | 3.1 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Radium 226 | 133 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 226 precision (±) | 2.5 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 226 MDC | 0.24 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 228 | 3.1 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.22 | % | | | | Calculation | 04/30/09 11:17 / kbh |
| Anions | 3.77 | meq/L | | | | Calculation | 04/30/09 11:17 / kbh |
| Cations | 3.68 | meq/L | | | | Calculation | 04/30/09 11:17 / kbh |
| Solids, Total Dissolved Calculated | 271 | mg/L | | | | Calculation | 04/30/09 11:17 / kbh |
| TDS Balance (0.80 - 1.20) | 1.01 | - | | | | Calculation | 04/30/09 11:17 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-016

Client Sample ID: MP-111

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|--------|----------|------------|--------|-------------|-----------|------------------------|
| | | | | | | | |
| MAJOR IONS | 94 | mg/L | | 1 | | A2320 B | 04/25/09 01:02 / ljl |
| Alkalinity, Total as CaCO3 | ND | mg/L | | 1 | | A2320 B | 04/25/09 01:02 / ljl |
| Carbonate as CO3 Bicarbonate as HCO3 | 114 | mg/L | | 1 | | A2320 B | 04/25/09 01:02 / lji |
| | 46 | mg/L | | 1 | | E200.7 | 04/27/09 17:11 / rdw |
| Calcium Chloride | 7 | mg/L | | 1 | | E300.0 | 04/28/09 08:53 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 13:21 / ljl |
| | 2 | mg/L | | 1 | | E200.7 | 04/27/09 17:11 / rdw |
| Magnesium | ND | mg/L | | 0.05 | | E350.1 | 04/24/09 10:56 / eli-b |
| Nitrogen, Ammonia as N | 0.16 | mg/L | | 0.05 | | E353.2 | 04/24/09 14:03 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 2 | mg/L | | 1 | | E200.7 | 04/27/09 17:11 / rdw |
| Potassium | 15.0 | mg/L | | 0.2 | | E200.7 | 04/28/09 18:47 / cp |
| Silica | 32 | mg/L | | 1 | | E200.7 | 04/27/09 17:11 / rdw |
| Sodium | 95 | mg/L | | 1 | | E300.0 | 04/28/09 08:53 / ljl |
| Sulfate | 33 | mg/L | | • | | 2000.0 | 0 1120.00 |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 400 | umhos/cm | | 1 | | A2510 B | 04/22/09 13:23 / dd |
| pH | 8.08 | s.u. | | 0.01 | | A4500-H B | 04/22/09 13:23 / dd |
| Solids, Total Dissolved TDS @ 180 C | 259 | mg/L | | 10 | | A2540 C | 04/22/09 13:58 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:54 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 04/25/09 07:54 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:54 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 18:47 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 07:54 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 07:54 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 18:47 / cp |
| iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 17:11 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 07:54 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 04/25/09 07:54 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 07:54 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:54 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 07:54 / ts |
| Selenium | 0.023 | mg/L | | 0.001 | | E200.8 | 04/25/09 07:54 / ts |
| Uranium | 0.320 | mg/L | | 0.0003 | | E200.8 | 04/25/09 07:54 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 07:54 / ts |
| Zinc | 0.05 | mg/L | | 0.01 | | E200.7 | 04/27/09 17:11 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 22:09 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 18:31 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-016

Client Sample ID: MP-111

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 300 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Alpha precision (±) | 7.2 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta | 111 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta precision (±) | 3.3 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta MDC | 3.1 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Radium 226 | 6.3 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 226 precision (±) | 0.56 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 226 MDC | 0.23 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 228 | 1.5 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.01 | % | | | | Calculation | 04/30/09 11:18 / kbh |
| Anions | 4.08 | meq/L | | | | Calculation | 04/30/09 11:18 / kbh |
| Cations | 3.92 | meq/L | | | | Calculation | 04/30/09 11:18 / kbh |
| Solids, Total Dissolved Calculated | 261 | mg/L | | | | Calculation | 04/30/09 11:18 / kbh |
| TDS Balance (0.80 - 1.20) | 0.990 | J | | | | Calculation | 04/30/09 11:18 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-017

Client Sample ID: MO-113

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|--------------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | ····· | | |
| Alkalinity, Total as CaCO3 | 102 | mg/L | | 1 | | A2320 B | 04/25/09 01:09 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/25/09 01:09 / ljl |
| | 125 | mg/L | | 1 | | A2320 B | 04/25/09 01:09 / ljl |
| Bicarbonate as HCO3 | 53 | mg/L | | 1 | | E200.7 | 04/27/09 17:15 / rdw |
| Calcium | 7 | mg/L | | 1 | | E300.0 | 04/28/09 09:08 / ljl |
| Chloride Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 13:24 / ljl |
| | 3 | mg/L | | 1 | | E200.7 | 04/27/09 17:15 / rdw |
| Magnesium | ND | mg/L | | 0.05 | | E350.1 | 04/24/09 11:00 / eli-b |
| Nitrogen, Ammonia as N | 0.17 | mg/L | | 0.05 | | E353.2 | 04/24/09 14:04 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 2 | mg/L | | 1 | | E200.7 | 04/27/09 17:15 / rdw |
| Potassium | 15.5 | _ | | 0.2 | | E200.7 | 04/28/09 18:51 / cp |
| Silica | 31 | mg/L mg/L | | 1 | | E200.7 | 04/27/09 17:15 / rdw |
| Sodium | 103 | mg/L | | 1 | | E300.0 | 04/28/09 09:08 / ljl |
| Sulfate | 103 | mg/L | | , | | L300.0 | 04/20/03 00:00 / iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 432 | umhos/cm | | 1 | | A2510 B | 04/22/09 13:25 / dd |
| pΗ | 8.08 | s.u. | | 0.01 | | A4500-H B | 04/22/09 13:25 / dd |
| Solids, Total Dissolved TDS @ 180 C | 292 | mg/L | | 10 | | A2540 C | 04/22/09 13:58 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 08:00 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 08:00 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 08:00 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 18:51 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 08:00 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 08:00 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 18:51 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 17:15 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 08:00 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 04/25/09 08:00 / ts |
| Mercury | NĐ | mg/L | | 0.001 | | E200.8 | 04/25/09 08:00 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 08:00 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 08:00 / ts |
| Selenium | 0.040 | mg/L | | 0.001 | | E200.8 | 04/25/09 08:00 / ts |
| Uranium | 0.609 | mg/L | | 0.0003 | | E200.8 | 04/25/09 08:00 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 08:00 / ts |
| Zinc | 0.06 | mg/L | | 0.01 | | E200.7 | 04/27/09 17:15 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 22:14 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 18:35 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-017

Client Sample ID: MO-113

Report Date: 06/12/09

Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | =- | | | |
| Gross Alpha | 490 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Alpha precision (±) | 9.3 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta | 213 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta precision (±) | 4.2 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta MDC | 3.1 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Radium 226 | 37 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 226 precision (±) | 1.3 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 05/12/09 23:38 / trs |
| Radium 228 | 1.4 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.27 | % | | | | Calculation | 04/30/09 11:18 / kbh |
| Anions | 4.41 | meq/L | | | | Calculation | 04/30/09 11:18 / kbh |
| Cations | 4.30 | meq/L | | | | Calculation | 04/30/09 11:18 / kbh |
| Solids, Total Dissolved Calculated | 282 | mg/L | | | | Calculation | 04/30/09 11:18 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | - | | | | Calculation | 04/30/09 11:18 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-018

Client Sample ID: MU-113

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|---------|--------------|------------|--------|-------------|---------------------------------------|------------------------|
| | | | | | | · · · · · · · · · · · · · · · · · · · | |
| MAJOR IONS | 43 | mg/L | | 1 | | A2320 B | 04/25/09 01:16 / ljl |
| Alkalinity, Total as CaCO3 | 43 5 | mg/L | | 1 | | A2320 B | 04/25/09 01:16 / ljl |
| Carbonate as CO3 | 41 | mg/L | | 1 | | A2320 B | 04/25/09 01:16 / ljl |
| Bicarbonate as HCO3 | 31 | • | | 1 | | E200.7 | 04/27/09 17:24 / rdw |
| Calcium | 16 | mg/L | | 1 | | E300.0 | 04/28/09 09:54 / lil |
| Chloride | 0.2 | mg/L mg/L | | 0.1 | | A4500-F C | 04/24/09 13:27 / ljl |
| Fluoride | ND | _ | | 1 | | E200.7 | 04/27/09 17:24 / rdw |
| Magnesium | | mg/L | | 0.05 | | E350.1 | 04/24/09 11:01 / eli-b |
| Nitrogen, Ammonia as N | 0.08 | mg/L | | 0.05 | | E353.2 | 04/24/09 14:05 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 1 | | E200.7 | 04/27/09 17:24 / rdw |
| Potassium | 16 | mg/L | | 0.2 | | E200.7 | 04/28/09 18:55 / cp |
| Silica | 11.9 | mg/L | | | | | 04/27/09 17:24 / rdw |
| Sodium | 35 | mg/L | | 1 | | E200.7 | |
| Sulfate | 113 | mg/L | | 1 | | E300.0 | 04/28/09 09:54 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 414 | umhos/cm | | 1 | | A2510 B | 04/22/09 13:27 / dd |
| pH | 9.54 | s.u. | | 0.01 | | A4500-H B | 04/22/09 13:27 / dd |
| Solids, Total Dissolved TDS @ 180 C | 263 | mg/L | | 10 | | A2540 C | 04/22/09 13:59 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 08:07 / ts |
| Arsenic | 0.019 | mg/L | | 0.001 | | E200.8 | 04/25/09 08:07 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 08:07 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 18:55 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 08:07 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 08:07 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 18:55 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 17:24 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 08:07 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 04/25/09 08:07 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 08:07 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 08:07 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 08:07 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 08:07 / ts |
| Uranium | 0.0184 | mg/L | | 0.0003 | | E200.8 | 04/25/09 08:07 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 08:07 / ts |
| Zinc | 0.03 | mg/L | | 0.01 | | E200.7 | 04/27/09 17:24 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 22:19 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 18:39 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-018

Client Sample ID: MU-113

Report Date: 06/12/09
Collection Date: 04/21/09
DateReceived: 04/21/09
Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 26.1 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Alpha precision (±) | 2.3 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta | 28.5 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta precision (±) | 2.3 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta MDC | 3.1 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Radium 226 | 2.9 | pCi/L | | | | E903.0 | 05/13/09 01:12 / trs |
| Radium 226 precision (±) | 0.38 | pCi/L | | | | E903.0 | 05/13/09 01:12 / trs |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 05/13/09 01:12 / trs |
| Radium 228 | 2.3 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.17 | % | | | | Calculation | 04/30/09 11:19 / kbh |
| Anions | 3.67 | meq/L | | | | Calculation | 04/30/09 11:19 / kbh |
| Cations | 3.51 | meg/L | | | | Calculation | 04/30/09 11:19 / kbh |
| Solids, Total Dissolved Calculated | 253 | mg/L | | | | Calculation | 04/30/09 11:19 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | • | | | | Calculation | 04/30/09 11:19 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-019

Client Sample ID: M-132

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | ND | mg/L | | 1 | | A2320 B | 04/25/09 01:21 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/25/09 01:21 / ljl |
| Bicarbonate as HCO3 | ND | mg/L | | 1 | | A2320 B | 04/25/09 01:21 / ljl |
| Calcium | ND | mg/L | | 1 | | E200.7 | 04/27/09 17:28 / rdw |
| Chloride | ND | mg/L | | 1 | | E300.0 | 04/28/09 10:10 / ljl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 04/24/09 13:34 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 04/27/09 17:28 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/24/09 11:04 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/24/09 13:56 / eli-b |
| Potassium | ND | mg/L | | 1 | | E200.7 | 04/27/09 17:28 / rdw |
| Silica | ND | mg/L | | 0.2 | | E200.7 | 04/28/09 18:59 / cp |
| Sodium | ND | mg/L | | 1 | | E200.7 | 04/27/09 17:28 / rdw |
| Sulfate | ND | mg/L | | 1 | | E300.0 | 04/28/09 10:10 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | ND | umhos/cm | | 1 | | A2510 B | 04/22/09 13:33 / dd |
| pH | 6.12 | s.u. | | 0.01 | | A4500-H B | 04/22/09 13:33 / dd |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | | 10 | | A2540 C | 04/22/09 13:59 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 18:59 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 08:41 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 08:41 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 18:59 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 08:41 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 08:41 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 18:59 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 17:28 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 08:41 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 04/25/09 08:41 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 08:41 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 08:41 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 08:41 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 08:41 / ts |
| Uranium | ND | mg/L | | 0.0003 | | E200.8 | 04/25/09 08:41 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 08:41 / ts |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.7 | 04/27/09 17:28 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/24/09 15:57 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 17:18 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-019

Client Sample ID: M-132

Report Date: 06/12/09 Collection Date: 04/21/09 DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---------------------------|----------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 0.1 | pCi/L | U | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Alpha MDC | 0.9 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta | -3 | pCi/L | U | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta precision (±) | 1.7 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Gross Beta MDC | 3.0 | pCi/L | | | | E900.0 | 05/13/09 13:24 / cgr |
| Radium 226 | -0.08 | pCi/L | U | | | E903.0 | 05/13/09 01:12 / trs |
| Radium 226 precision (±) | 0.13 | pCi/L | | | | E903.0 | 05/13/09 01:12 / trs |
| Radium 226 MDC | 0.25 | pCi/L | | | | E903.0 | 05/13/09 01:12 / trs |
| Radium 228 | -0.2 | pCi/L | U | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 91.9 | % | | | | Calculation | 04/30/09 15:08 / kbh |
| Anions | 0.000571 | meq/L | | | | Calculation | 04/30/09 15:08 / kbh |
| Cations | 0.0135 | meq/L | | | | Calculation | 04/30/09 15:08 / kbh |

⁻ The ion balance is not appropriate for near blank results.

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-020

Client Sample ID: MO-110

Report Date: 06/12/09

Collection Date: 04/21/09

DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|---------------------------------------|------------------------|
| MAJOR IONS | | | | | | · · · · · · · · · · · · · · · · · · · | |
| Alkalinity, Total as CaCO3 | 87 | mg/L | | 1 | | A2320 B | 04/25/09 01:37 / ljl |
| Carbonate as CO3 | 8 | mg/L | | 1 | | A2320 B | 04/25/09 01:37 / ljl |
| Bicarbonate as HCO3 | 89 | mg/L | | 1 | | A2320 B | 04/25/09 01:37 / ljl |
| Calcium | 45 | mg/L | | 1 | | E200.7 | 04/27/09 17:33 / rdw |
| Chloride | 7 | mg/L | | 1 | | E300.0 | 04/28/09 10:25 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/24/09 13:37 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 04/27/09 17:33 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/24/09 11:06 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.16 | mg/L | | 0.05 | | E353.2 | 04/24/09 14:07 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 04/27/09 17:33 / rdw |
| Silica | 12.7 | mg/L | | 0.2 | | E200.7 | 04/28/09 19:03 / cp |
| Sodium | 35 | mg/L | | 1 | | E200.7 | 04/27/09 17:33 / rdw |
| Sulfate | 98 | mg/L | | 1 | | E300.0 | 04/28/09 10:25 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 398 | umhos/cm | | 1 | | A2510 B | 04/22/09 13:34 / dd |
| pH | 9.16 | s.u. | | 0.01 | | A4500-H B | 04/22/09 13:34 / dd |
| Solids, Total Dissolved TDS @ 180 C | 264 | mg/L | | 10 | | A2540 C | 04/22/09 14:00 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 19:03 / cp |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 04/25/09 09:02 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 09:02 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 04/28/09 19:03 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 04/25/09 09:02 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 09:02 / ts |
| Copper | ND | mg/L | D | 0.02 | | E200.7 | 04/28/09 19:03 / cp |
| Iron | ND | mg/L | _ | 0.03 | | E200.7 | 04/27/09 17:33 / rdw |
| Lead | 0.002 | mg/L | | 0.001 | | E200.8 | 04/25/09 09:02 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 04/25/09 09:02 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 04/25/09 09:02 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 04/25/09 09:02 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 04/25/09 09:02 / ts |
| Selenium | 0.020 | mg/L | | 0.001 | | E200.8 | 04/25/09 09:02 / ts |
| Uranium | 0.266 | mg/L | | 0.0003 | | E200.8 | 04/25/09 09:02 / ts |
| Vanadium | ND | mg/L | ` | 0.1 | | E200.8 | 04/25/09 09:02 / ts |
| Zinc | 0.05 | mg/L | | 0.01 | | E200.7 | 04/27/09 17:33 / rdw |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 22:24 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 18:43 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040693-020

Client Sample ID: MO-110

Report Date: 06/12/09

Collection Date: 04/21/09

DateReceived: 04/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 234 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Alpha precision (±) | 5.9 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Alpha MDC | 1.2 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta | 80.3 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta precision (±) | 2.8 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/05/09 03:17 / cgr |
| Radium 226 | 2.4 | pCi/L | | | | E903.0 | 05/13/09 01:12 / trs |
| Radium 226 precision (±) | 0.35 | pCi/L | | | | E903.0 | 05/13/09 01:12 / trs |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 05/13/09 01:12 / trs |
| Radium 228 | 1.2 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 05/06/09 11:04 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.562 | % | | | | Calculation | 04/30/09 11:25 / kbh |
| Anions | 4.01 | meq/L | | | | Calculation | 04/30/09 11:25 / kbh |
| Cations | 3.96 | meq/L | | | | Calculation | 04/30/09 11:25 / kbh |
| Solids, Total Dissolved Calculated | 260 | mg/L | | | | Calculation | 04/30/09 11:25 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | | | | | Calculation | 04/30/09 11:25 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client: UR Energy USA Inc

Report Date: 06/12/09

Project: Lost Creek Work Order: C09040693

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-------------|-------------|-----------------|-----|------|-----------|-------------|-----|----------|----------|
| Method: A2320 B | | | | | | | | | Batch: | R117335 |
| Sample ID: MBLK | <u>3</u> Me | thod Blank | | | | Run: MANT | ECH_090424B | | 04/24 | 09 16:41 |
| Alkalinity, Total as CaCO3 | | 3 | mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | | ND | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | | 3 | mg/L | 1 | | | | | | |
| Sample ID: LCS1 | Lat | oratory Cor | ntrol Sample | | | Run: MANT | ECH_090424B | | 04/24/ | 09 16:56 |
| Alkalinity, Total as CaCO3 | | 208 | mg/L | 5.0 | 102 | 90 | 110 | | | |
| Sample ID: LCS | Lab | oratory Cor | ntrol Sample | | | Run: MANT | ECH_090424B | | 04/24/ | 09 17:04 |
| Alkalinity, Total as CaCO3 | | 52.9 | mg/L | 5.0 | 100 | 90 | 110 | | | |
| Sample ID: C09040693-005AMS | Sai | mple Matrix | Spike | | | Run: MANT | ECH_090424B | | 04/24/ | 09 22:55 |
| Alkalinity, Total as CaCO3 | | 237 | mg/L | 5.0 | 100 | 80 | 120 | | | |
| Sample ID: C09040693-005AMSD |) Sar | mple Matrix | Spike Duplicate | | | Run: MANT | ECH_090424B | | 04/24/ | 09 23:03 |
| Alkalinity, Total as CaCO3 | | 243 | mg/L | 5.0 | 105 | 80 | 120 | 2.4 | 20 | |
| Sample ID: C09040693-015AMS | Sar | mple Matrix | Spike | | | Run: MANT | ECH_090424B | | 04/25/ | 09 00:47 |
| Alkalinity, Total as CaCO3 | | 164 | mg/L | 5.0 | 102 | 80 | 120 | | | |
| Sample ID: C09040693-015AMSD |) Sar | mple Matrix | Spike Duplicate | | | Run: MANT | ECH_090424B | | 04/25/ | 09 00:55 |
| Alkalinity, Total as CaCO3 | | 163 | mg/L | 5.0 | 101 | 80 | 120 | 0.7 | 20 | |
| Sample ID: C09040727-001BMS | Sar | mple Matrix | Spike | | | Run: MANT | ECH_090424B | | 04/25/ | 09 02:26 |
| Alkalinity, Total as CaCO3 | | 830 | mg/L | 5.0 | 109 | 80 | 120 | | | |
| Sample ID: C09040727-001BMSD |) Sar | mple Matrix | Spike Duplicate | | | Run: MANT | ECH_090424B | | 04/25/ | 09 02:35 |
| Alkalinity, Total as CaCO3 | | 838 | mg/L | 5.0 | 115 | 80 | 120 | 1 | 20 | |
| Method: A2320 B | | | | | | | | | Batch: | R117412 |
| Sample ID: MBLK | <u>3</u> Me | thod Blank | | | | Run: MANT | ECH_090427A | | 04/27/ | 09 10:09 |
| Alkalinity, Total as CaCO3 | | 5 | mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | | ND | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | | 6 | mg/L | 1 | | | | | | |
| Sample ID: LCS1 | Lab | oratory Cor | ntrol Sample | | | Run: MANT | ECH_090427A | | 04/27/ | 09 10:24 |
| Alkalinity, Total as CaCO3 | | 206 | mg/L | 5.0 | 101 | 90 | 110 | | | |
| Sample ID: LCS | Lab | oratory Cor | ntrol Sample | | | Run: MANT | ECH_090427A | | 04/27/ | 09 10:31 |
| Alkalinity, Total as CaCO3 | | 53.0 | mg/L | 5.0 | 97 | 90 | 110 | | | |
| Sample ID: C09040693-004AMS | Sar | mple Matrix | Spike | | | Run: MANT | ECH_090427A | | 04/27/ | 09 12:47 |
| Alkalinity, Total as CaCO3 | | 236 | mg/L | 5.0 | 100 | 80 | 120 | | | |
| Sample ID: C09040693-004AMSD | Sar | mple Matrix | Spike Duplicate | | | Run: MANT | ECH_090427A | | 04/27/ | 09 12:55 |
| Alkalinity, Total as CaCO3 | | 236 | mg/L | 5.0 | 100 | 80 | 120 | 0.1 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/12/09

Work Order: C09040693

| Analyte Co | ount Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|--|--|----------------------|--------------------------|--|---|-----------|--|--|
| Method: A2510 B | | | | | | Analytica | al Run: | ORION555A | 090422/ |
| Sample ID: ICV2_090422_1 | Initial Calibrati | on Verification Sta | ındard | | | | | 04/22 | 09 11:15 |
| Conductivity | 1490 | umhos/cm | 1.0 | 105 | 90 | 110 | | | |
| Method: A2510 B | | | | | | Ва | tch: 090 |)422_1_PH-V | V 555A- |
| Sample ID: MBLK1_090422_1 | Method Blank | | | | Run: ORIO | N555A_090422A | | | '09 11:11 |
| Conductivity | 1 | umhos/cm | 0.2 | | | _ | | | |
| Sample ID: C09040693-002ADUP | Sample Duplic | ate | | | Run: ORIO | N555A_090422A | | 04/22/ | 09 12:02 |
| Conductivity | 519 | umhos/cm | 1.0 | | | | 0.2 | 10 | |
| Sample ID: C09040693-012ADUP | Sample Duplic | ate | | | Run: ORION | N555A_090422A | | 04/22/ | 09 12:33 |
| Conductivity | • | umhos/cm | 1.0 | | | | 0.2 | 10 | 00 12.00 |
| Method: A2510 B | | | | | | Analytica | ıl Run: (| ORION555A_ | 090422E |
| Sample ID: ICV2_090422_2 | Initial Calibration | on Verification Sta | ndard | | | , , , , , | | | 09 13:17 |
| Conductivity | 1490 | umhos/cm | 1.0 | 105 | 90 | 110 | | • | |
| Method: A2510 B | | | | | | Ba | ch: 090 | 422_2_PH-V | V_555A-1 |
| Sample ID: MBLK1_090422_2 | Method Blank | | | | Run: ORION | N555A_090422B | | 04/22/ | _ 09 13:13 |
| Conductivity | 2 | umhos/cm | 0.2 | | | _ | | | |
| Sample ID: C09040704-001ADUP | Sample Duplic | ate | | | Run: ORION | N555A_090422B | | 04/22/ | 09 13:41 |
| Conductivity | 8020 | umhos/cm | 1.0 | | | _ | 0 | 10 | |
| Method: A2540 C | | | | | | Ba | tch: 090 | 0422_1_SLD | S-TDS-W |
| Sample ID: MBLK1_090422 | Method Blank | | | | Run: BAL-1 | | | | 09 13:49 |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | 6 | | • | _ | | | |
| | ND | mg/L | U | | | | | | |
| _ | | • | | | Run: BAL-1 | 090422A | | 04/22/ | 09 13:49 |
| Sample ID: LCS1_090422 Solids, Total Dissolved TDS @ 180 C | Laboratory Co | • | 10 | 99 | Run: BAL-1 ₉₀ | _090422A 110 | | 04/22/ | 09 13:49 |
| Sample ID: LCS1_090422 Solids, Total Dissolved TDS @ 180 C | Laboratory Cor 990 | ntrol Sample mg/L | | 99 | 90 | 110 | | | 09 13:49 09 13:52 |
| Sample ID: LCS1_090422 | Laboratory Coi 990 Sample Matrix | ntrol Sample mg/L | | 99 101 | | 110 | | | |
| Sample ID: LCS1_090422 Solids, Total Dissolved TDS @ 180 C Sample ID: C09040678-003AMS Solids, Total Dissolved TDS @ 180 C | Laboratory Coi 990 Sample Matrix 3150 | ntrol Sample mg/L Spike mg/L | 10 | | 90 Run: BAL-1 90 | 110 _090422A 110 | | 04/22/ | 09 13:52 |
| Sample ID: LCS1_090422 Solids, Total Dissolved TDS @ 180 C Sample ID: C09040678-003AMS Solids, Total Dissolved TDS @ 180 C | Laboratory Coi 990 Sample Matrix 3150 Sample Matrix | ntrol Sample mg/L Spike | 10 | | 90 Run: BAL-1 | 110 _090422A 110 | 0.1 | 04/22/ | |
| Sample ID: LCS1_090422 Solids, Total Dissolved TDS @ 180 C Sample ID: C09040678-003AMS Solids, Total Dissolved TDS @ 180 C Sample ID: C09040678-003AMSD Solids, Total Dissolved TDS @ 180 C | Laboratory Con 990 Sample Matrix 3150 Sample Matrix 3150 | ntrol Sample mg/L Spike mg/L Spike Duplicate mg/L | 10 | 101 | 90 Run: BAL-1 90 Run: BAL-1 90 | 110 _090422A 110 _090422A 110 | 0.1 | 04/22/ 04/22/ 10 | 09 13:52 09 13:52 |
| Sample ID: LCS1_090422 Solids, Total Dissolved TDS @ 180 C Sample ID: C09040678-003AMS Solids, Total Dissolved TDS @ 180 C Sample ID: C09040678-003AMSD Solids, Total Dissolved TDS @ 180 C | Laboratory Con 990 Sample Matrix 3150 Sample Matrix 3150 Sample Matrix | ntrol Sample mg/L Spike mg/L Spike Duplicate mg/L | 10 | 101 | 90 Run: BAL-1 90 Run: BAL-1 | 110 _090422A 110 _090422A 110 | 0.1 | 04/22/ 04/22/ 10 | 09 13:52 |
| Sample ID: LCS1_090422 Solids, Total Dissolved TDS @ 180 C Sample ID: C09040678-003AMS Solids, Total Dissolved TDS @ 180 C Sample ID: C09040678-003AMSD Solids, Total Dissolved TDS @ 180 C Sample ID: C09040693-007AMS Solids, Total Dissolved TDS @ 180 C | Laboratory Con 990 Sample Matrix 3150 Sample Matrix 3150 Sample Matrix 2350 | ntrol Sample mg/L Spike mg/L Spike Duplicate mg/L Spike mg/L | 10 10 | 101 101 | 90 Run: BAL-1 90 Run: BAL-1 90 Run: BAL-1 | 110 _090422A _110 _090422A _110 _090422A _110 | 0.1 | 04/22/ 04/22/ 10 04/22/ | 09 13:52 09 13:52 09 13:55 |
| Sample ID: LCS1_090422 Solids, Total Dissolved TDS @ 180 C Sample ID: C09040678-003AMS Solids, Total Dissolved TDS @ 180 C Sample ID: C09040678-003AMSD Solids, Total Dissolved TDS @ 180 C Sample ID: C09040693-007AMS Solids, Total Dissolved TDS @ 180 C | Laboratory Con 990 Sample Matrix 3150 Sample Matrix 3150 Sample Matrix 2350 Sample Matrix | ntrol Sample mg/L Spike mg/L Spike Duplicate mg/L Spike | 10 10 | 101 101 | 90 Run: BAL-1 90 Run: BAL-1 90 Run: BAL-1 | 110 _090422A _110 _090422A _110 _090422A _110 | 0.1 | 04/22/ 04/22/ 10 04/22/ | 09 13:52 09 13:52 |
| Sample ID: LCS1_090422 Solids, Total Dissolved TDS @ 180 C Sample ID: C09040678-003AMS Solids, Total Dissolved TDS @ 180 C Sample ID: C09040678-003AMSD Solids, Total Dissolved TDS @ 180 C Sample ID: C09040693-007AMS Solids, Total Dissolved TDS @ 180 C Sample ID: C09040693-007AMSD Solids, Total Dissolved TDS @ 180 C Sample ID: C09040693-007AMSD Solids, Total Dissolved TDS @ 180 C | Laboratory Col 990 Sample Matrix 3150 Sample Matrix 3150 Sample Matrix 2350 Sample Matrix 2360 | ntrol Sample mg/L Spike mg/L Spike Duplicate mg/L Spike mg/L Spike mg/L Spike Duplicate mg/L | 10 10 10 | 101 101 101 | 90 Run: BAL-1 90 Run: BAL-1 90 Run: BAL-1 90 | 110 _090422A _110 _090422A 110 _090422A 110 | | 04/22/ 04/22/ 10 04/22/ 04/22/ 10 | 09 13:52 09 13:52 09 13:55 09 13:55 |
| Sample ID: LCS1_090422 Solids, Total Dissolved TDS @ 180 C Sample ID: C09040678-003AMS Solids, Total Dissolved TDS @ 180 C Sample ID: C09040678-003AMSD Solids, Total Dissolved TDS @ 180 C Sample ID: C09040693-007AMS Solids, Total Dissolved TDS @ 180 C Sample ID: C09040693-007AMSD | Laboratory Col 990 Sample Matrix 3150 Sample Matrix 3150 Sample Matrix 2350 Sample Matrix 2360 Sample Matrix | ntrol Sample mg/L Spike mg/L Spike Duplicate mg/L Spike mg/L Spike mg/L Spike Duplicate mg/L | 10 10 10 | 101 101 101 | 90 Run: BAL-1 90 Run: BAL-1 90 Run: BAL-1 90 Run: BAL-1 | 110 _090422A _110 _090422A 110 _090422A 110 | | 04/22/ 04/22/ 10 04/22/ 04/22/ 10 | 09 13:52 09 13:52 09 13:55 09 13:55 |
| Sample ID: LCS1_090422 Solids, Total Dissolved TDS @ 180 C Sample ID: C09040678-003AMS Solids, Total Dissolved TDS @ 180 C Sample ID: C09040678-003AMSD Solids, Total Dissolved TDS @ 180 C Sample ID: C09040693-007AMS Solids, Total Dissolved TDS @ 180 C Sample ID: C09040693-007AMSD Solids, Total Dissolved TDS @ 180 C Sample ID: C09040693-007AMSD Solids, Total Dissolved TDS @ 180 C Sample ID: C09040693-017AMS | Laboratory Col 990 Sample Matrix 3150 Sample Matrix 3150 Sample Matrix 2350 Sample Matrix 2360 Sample Matrix 2360 Sample Matrix 2310 | ntrol Sample mg/L Spike mg/L Spike Duplicate mg/L Spike mg/L Spike pmg/L Spike Duplicate mg/L Spike Duplicate mg/L | 10 10 10 10 | 101 101 101 101 | 90 Run: BAL-1 90 Run: BAL-1 90 Run: BAL-1 90 Run: BAL-1 | 110 _090422A _110 _090422A _110 _090422A _110 _090422A _110 | | 04/22/ 04/22/ 10 04/22/ 04/22/ 10 | 09 13:52 09 13:52 09 13:55 |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/12/09 Work Order: C09040693

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---------------|---------------------------|-------|----------------|--------------------|----------|------|-----------|---------------|---------|------------|------------|
| Method: A | \4500-F C | | | | | | | | | Batch | : R117327 |
| Sample ID: M | IBLK-1 | Me | thod Blank | | | | Run: MANT | ECH_090424A | | 04/24 | 1/09 09:45 |
| Fluoride | | | ND | mg/L | 0.05 | | | | | | |
| Sample ID: L | CS-1 | La | boratory Co | ntrol Sample | | | Run: MANT | ECH_090424A | | 04/24 | 1/09 09:47 |
| Fluoride | | | 0.980 | mg/L | 0.10 | 98 | 90 | 110 | | | |
| Sample ID: C | :09040693-004AMS | Sa | mple Matrix | Spike | | | Run: MANT | ECH_090424A | | 04/24 | 4/09 12:26 |
| Fluoride | | | 1.18 | mg/L | 0.10 | 101 | 80 | 120 | | | |
| Sample ID: C | :09040693-004AMS | D Sa | mple Matrix | Spike Duplicate | : | | Run: MANT | ECH_090424A | | 04/24 | 4/09 12:29 |
| Fluoride | | | 1.18 | mg/L | 0.10 | 101 | 80 | 120 | 0 | 10 | |
| Sample ID: C | :09040693-014AMS | Sa | ımple Matrix | Spike | | | Run: MANT | ECH_090424A | | 04/24 | 4/09 13:13 |
| Fluoride | | | 1.30 | mg/L | 0.10 | 104 | 80 | 120 | | | |
| Sample ID: C | :09040693-014AMS | D Sa | ımple Matrix | Spike Duplicate | , | | Run: MAN | TECH_090424A | | 04/24 | 4/09 13:16 |
| Fluoride | | | 1.30 | mg/L | 0.10 | 104 | 80 | 120 | 0 | 10 | |
| Sample ID: C | :09040726-002B M S | Sa | mple Matrix | Spike | | | Run: MAN | TECH_090424A | | 04/24 | 4/09 14:02 |
| Fluoride | | | 1.28 | mg/L | 0.10 | 101 | 80 | 120 | | | |
| Sample ID: C | 09040726-002B M S | D Sa | ımple Matrix | Spike Duplicate | • | | Run: MAN | TECH_090424A | | 04/24 | 4/09 14:05 |
| Fluoride | | | 1.30 | mg/L | 0.10 | 103 | 80 | 120 | 1.6 | 10 | |
| Method: A | A4500-H B | | | | | | | Analytica | al Run: | ORION555A | 090422 |
| Sample ID: 10 | CV1_090422_1 | Ini | tial Calibrat | ion Verification S | tandard | | | | | 04/2 | 2/09 11:13 |
| pН | | | 6.82 | s.u. | 0.010 | 99 | 98 | 102 | | | |
| Method: | A4500-H B | | | | | | | Ва | tch: 09 | 0422_1_PH- | W_555A- |
| Sample ID: C | 09040693-002ADU | P Sa | ample Duplic | cate | | | Run: ORIO | N555A_090422A | ١. | 04/2 | 2/09 12:02 |
| pН | | | 8.37 | s.u. | 0.010 | | | | 0.2 | 10 | |
| Sample ID: C | C09040693-012ADU | P Sa | ample Duplic | cate | | | Run: ORIO | N555A_090422A | | 04/2 | 2/09 12:33 |
| pН | | | 9.39 | s.u. | 0.010 | | | | 0.1 | 10 | |
| Method: | A4500-H B | | | | | | | Analytic | al Run: | ORION555 | A_090422 |
| Sample ID: 10 | CV1_090422_2 | Ini | itial Calibrat | ion Verification S | Standard | | | | | 04/2 | 2/09 13:15 |
| pН | | | 6.91 | s.u. | 0.010 | 101 | 98 | 102 | | | |
| Method: | A4500-H B | | , | | 1 | | | Ва | tch: 09 | 0422_2_PH | -W_555A- |
| Sample ID: C | C09040704-001ADU | P Sa | ample Dupli | cate | | | Run: ORIC | N555A_090422E | | • | 2/09 13:41 |
| pН | | | 8.59 | s.u. | 0.010 | | | | 0.1 | 10 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/12/09 Work Order: C09040693

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit Qu | ual |
|------------------------------|---------------|--------------|-----------------|-------|------|-------------|------------|-----|-------------|--------------|
| Method: E200.7 | | | | | | | | | Batch: 2 | 22129 |
| Sample ID: MB-22129 | 2 Me | thod Blank | | | | Run: ICP3-0 | C_090504A | | 05/05/09 0 |)1:16 |
| Iron | | ND | mg/L | 0.02 | | | | | | |
| Manganese | | ND | mg/L | 0.02 | | | | | | |
| Sample ID: LCS3-22129 | <u>2</u> Lal | oratory Co | ntrol Sample | | | Run: ICP3- | C_090504A | | 05/05/09 (|)1:36 |
| Iron | | 2.21 | mg/L | 0.030 | 88 | 85 | 115 | | | |
| Manganese | | 2.18 | mg/L | 0.020 | 87 | 85 | 115 | | | |
| Sample ID: C09040770-001AMS: | 3 <u>2</u> Sa | mple Matrix | Spike | | | Run: ICP3- | C_090504A | | 05/05/09 (| 03:22 |
| Iron | | 6.26 | mg/L | 0.030 | 101 | 70 | 130 | | | |
| Manganese | | 2.69 | mg/L | 0.020 | 97 | 70 | 130 | | | |
| Sample ID: C09040770-001AMS | D <u>2</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP3- | C_090504A | | 05/05/09 (| 03:27 |
| Iron | | 6.62 | mg/L | 0.030 | 116 | 70 | 130 | 5.6 | 20 | |
| Manganese | | 2.82 | mg/L | 0.020 | 102 | 70 | 130 | 4.5 | 20 | |
| Method: E200.7 | | | | | | | | | Batch: 2 | 22130 |
| Sample ID: MB-22130 | 2 Me | thod Blank | | | | Run: ICP3- | C_090506A | | 05/06/09 2 | 20:56 |
| Iron | | 0.1 | mg/L | 0.02 | | | | | | |
| Manganese | | ND | mg/L | 0.02 | | | | | | |
| Sample ID: LCS3-22130 | <u>2</u> La | boratory Co | ntrol Sample | | | Run: ICP3- | C_090506A | | 05/06/09 | 21:01 |
| Iron | | 2.48 | mg/L | 0.030 | 99 | 85 | 115 | | | |
| Manganese | | 2.46 | mg/L | 0.020 | 98 | 85 | 115 | | | |
| Sample ID: C09040704-006CMS | 3 <u>2</u> Sa | mple Matrix | Spike | | | Run: ICP3- | C_090506A | | 05/06/09 | 22:49 |
| Iron | | 3.45 | mg/L | 0.030 | 93 | 70 | 130 | | | |
| Manganese | | 2.55 | mg/L | 0.020 | 93 | 70 | 130 | | | |
| Sample ID: C09040704-006CMS | D <u>2</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP3- | C_090506A | | 05/06/09 | 22:54 |
| Iron | | 3.11 | mg/L | 0.030 | 80 | 70 | 130 | 10 | 20 | |
| Manganese | | 2.50 | mg/L | 0.020 | 91 | 70 | 130 | 2 | 20 | |
| Method: E200.7 | | | | | | | | | Batch: R1 | 1733 |
| Sample ID: LRB | Me | ethod Blank | | | | Run: ICP3- | C_090424A | | 04/24/09 | 13:15 |
| Iron | | 0.05 | mg/L | 0.01 | | | | | | |
| Sample ID: LFB | La | boratory Fo | rtified Blank | | | Run: ICP3- | C_090424A | | 04/24/09 | 13:19 |
| Iron | | 5.68 | mg/L | 0.030 | 113 | 85 | 115 | | | |
| Sample ID: C09040674-018CMS | Sa | ımple Matrix | Spike | | | Run: ICP3- | C_090424A | | 04/24/09 | 15:00 |
| Iron | | 0.681 | mg/L | 0.030 | 130 | 70 | 130 | | | |
| Sample ID: C09040674-018CMS | D Sa | ımple Matrix | Spike Duplicate | | | | C_090424A | | 04/24/09 | 15:05 |
| Iron | | 0.634 | mg/L | 0.030 | 121 | 70 | 130 | 7.1 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 06/12/09 Work Order: C09040693

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|----------------|-------------|-----------------|-------|------|-------------|------------|-----|----------|------------|
| Method: E200.7 | | | · | | | | | | Batch | : R117416 |
| Sample ID: LRB | 6 Met | thod Blank | | | | Run: ICP3-0 | C_090427A | | 04/27 | 7/09 13:00 |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Iron | | ND | mg/L | 0.01 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Potassium | | 0.06 | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Zinc | | ND | mg/L | 0.008 | | | | | | |
| Sample ID: LFB | <u>6</u> Lab | oratory For | tified Blank | | | Run: ICP3- | C_090427A | | 04/27 | 7/09 13:04 |
| Calcium | | 53.9 | mg/L | 0.50 | 108 | 85 | 115 | | | |
| Iron | | 5.76 | mg/L | 0.030 | 115 | 85 | 115 | | | |
| Magnesium | | 54.0 | mg/L | 0.50 | 108 | 85 | 115 | | | |
| Potassium | | 53.3 | mg/L | 0.50 | 106 | 85 | 115 | | | |
| Sodium | | 54.4 | mg/L | 0.50 | 109 | 85 | 115 | | | |
| Zinc | | 1.15 | mg/L | 0.010 | 115 | 85 | 115 | | | |
| Sample ID: MB-22126 | <u>6</u> Me | thod Blank | | | | Run: ICP3- | C_090427A | | 04/27 | 7/09 15:12 |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Iron | | ND | mg/L | 0.01 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Potassium | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Zinc | | ND | mg/L | 0.008 | | | | | | |
| Sample ID: C09040693-005BMS | <u>6</u> Saı | mple Matrix | Spike | | | Run: ICP3- | C_090427A | | 04/27 | 7/09 15:43 |
| Calcium | | 99.1 | mg/L | 1.0 | 81 | 70 | 130 | | | |
| Iron | | 0.464 | mg/L | 0.030 | 91 | 70 | 130 | | | |
| Magnesium | | 47.2 | mg/L | 1.0 | 90 | 70 | 130 | | | |
| Potassium | | 50.6 | mg/L | 1.0 | 90 | 70 | 130 | | | |
| Sodium | | 76.3 | mg/L | 1.0 | 88 | 70 | 130 | | | |
| Zinc | | 0.564 | mg/L | 0.010 | 94 | 70 | 130 | | | |
| Sample ID: C09040693-005BMS | D <u>6</u> Sai | mple Matrix | Spike Duplicate | | | Run: ICP3- | C_090427A | | 04/27 | 7/09 15:48 |
| Calcium | | 99.1 | mg/L | 1.0 | - 81 | 70 | 130 | 0 | 20 | |
| Iron | | 0.477 | mg/L | 0.030 | 93 | 70 | 130 | 2.7 | 20 | |
| Magnesium | | 47.6 | mg/L | 1.0 | 90 | 70 | 130 | 0.8 | 20 | |
| Potassium | | 50.9 | mg/L | 1.0 | 91 | 70 | 130 | 0.5 | 20 | |
| Sodium | | 76.4 | mg/L | 1.0 | 88 | 70 | 130 | 0.2 | 20 | |
| Zinc | | 0.578 | mg/L | 0.010 | 97 | 70 | 130 | 2.5 | 20 | |
| Sample ID: C09040693-015BMS | <u>6</u> Sa | mple Matrix | Spike | | | Run: ICP3- | C_090427A | | 04/2 | 7/09 16:49 |
| Calcium | | 67.3 | mg/L | 1.0 | 91 | | 130 | | | |
| iron | | 0.476 | mg/L | 0.030 | 93 | 70 | 130 | | | |
| Magnesium | | 48.1 | mg/L | 1.0 | 93 | | 130 | | | |
| Potassium | | 74.4 | mg/L | 1.0 | 94 | | 130 | | | |
| Sodium | | 90.9 | mg/L | 1.0 | 93 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



UR Energy USA Inc

Report Date: 06/12/09

Work Order: C09040693

Project: Lost Creek

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|----------------|-------------|-----------------|-------|------|------------|------------|-----|----------|-----------|
| Method: E200.7 | | | | | | | | | Batch: | R117416 |
| Sample ID: C09040693-015BMS | 6 Sam | nple Matrix | Spike | | | Run: ICP3- | C_090427A | | 04/27 | /09 16:49 |
| Zinc | _ | 0.542 | mg/L | 0.010 | 101 | 70 | 130 | | | |
| Sample ID: C09040693-015BMS | D <u>6</u> Sam | nple Matrix | Spike Duplicate | | | Run: ICP3- | C_090427A | | 04/27 | /09 17:06 |
| Calcium | | 74.8 | mg/L | 1.0 | 106 | 70 | 130 | 11 | 20 | |
| Iron | | 0.542 | mg/L | 0.030 | 106 | 70 | 130 | 13 | 20 | |
| Magnesium | | 55.0 | mg/L | 1.0 | 106 | 70 | 130 | 13 | 20 | |
| Potassium | | 81.3 | mg/L | 1.0 | 108 | 70 | 130 | 8.9 | 20 | |
| Sodium | | 98.3 | mg/L | 1.0 | 108 | 70 | 130 | 7.8 | 20 | |
| Zinc | | 0.609 | mg/L | 0.010 | 114 | 70 | 130 | 12 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/12/09 **Work Order:** C09040693

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|---------------|--------------|-----------------|-------|------|------------|------------|-----|----------|------------|
| Method: E200.7 | | | * | | • | | | | Batch: | R117474 |
| Sample ID: MB-090428A | <u>4</u> Me | thod Blank | | | | Run: ICP2- | C_090428A | | 04/28 | /09 13:25 |
| Aluminum | | ND | mg/L | 0.03 | | | | | | |
| Boron | | ND | mg/L | 0.03 | | | | | | |
| Copper | | ND | mg/L | 0.01 | | | | | | |
| Silicon | | ND | mg/L | 0.01 | | | | | | |
| Sample ID: LFB-090428A | <u>4</u> Lal | boratory For | tified Blank | | | Run: ICP2- | C_090428A | | 04/28 | /09 13:29 |
| Aluminum | | 0.914 | mg/L | 0.10 | 91 | 85 | 115 | | | |
| Boron | | 0.935 | mg/L | 0.10 | 94 | 85 | 115 | | | |
| Copper | | 0.917 | mg/L | 0.011 | 92 | 85 | 115 | | | |
| Silicon | | 0.411 | mg/L | 0.015 | 103 | 85 | 115 | | | |
| Sample ID: MB-22058 | <u>4</u> Me | thod Blank | | | | Run: ICP2- | C_090428A | | 04/28 | /09 15:13 |
| Aluminum | | ND | mg/L | 0.06 | | | | | | |
| Boron | | ND | mg/L | 0.06 | | | | | | |
| Copper | | ND | mg/L | 0.02 | | | | | | |
| Silicon | | 0.03 | mg/L | 0.03 | | | | | | |
| Sample ID: C09040693-001BMS | 2 <u>4</u> Sa | mple Matrix | Spike | | | Run: ICP2- | C_090428A | | 04/28 | /09 15:37 |
| Aluminum | | 1.88 | mg/L | 0.10 | 94 | 70 | 130 | | | |
| Boron | | 2.07 | mg/L | 0.10 | 104 | 70 | 130 | | | |
| Copper | | 1.95 | mg/L | 0.021 | 97 | 70 | 130 | | | |
| Silicon | | 8.44 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sample ID: C09040693-001BMS | D <u>4</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP2- | C_090428A | | 04/28 | /09 15:41 |
| Aluminum | | 1.94 | mg/L | 0.10 | 97 | 70 | 130 | 3.1 | 20 | |
| Boron | | 2.07 | mg/L | 0.10 | 103 | 70 | 130 | 0.3 | 20 | |
| Copper | | 1.95 | mg/L | 0.021 | 98 | 70 | 130 | 0.4 | 20 | |
| Silicon | | 8.46 | mg/L | 0.10 | | 70 | 130 | 0.1 | 20 | Α |
| Sample ID: C09040693-011BMS | 2 <u>4</u> Sa | ımple Matrix | Spike | | | Run: ICP2- | C_090428A | | 04/28 | /09 17:30 |
| Aluminum | | 1.87 | mg/L | 0.10 | 93 | 70 | 130 | | | |
| Boron | | 2.02 | mg/L | 0.10 | 101 | 70 | 130 | | | |
| Copper | | 1.92 | mg/L | 0.021 | 96 | 70 | 130 | | | |
| Silicon | | 8.28 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sample ID: C09040693-011BMS | D <u>4</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP2- | C_090428A | | 04/28 | 3/09 17:34 |
| Aluminum | | 1.85 | mg/L | 0.10 | 93 | 70 | 130 | 0.8 | 20 | |
| Boron | | 1.96 | mg/L | 0.10 | 98 | 70 | 130 | 3.2 | 20 | |
| Copper | | 1.91 | mg/L | 0.021 | 95 | 70 | 130 | 0.4 | 20 | |
| Silicon | | 8.07 | mg/L | 0.10 | | 70 | 130 | 2.6 | 20 | Α |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/12/09 Work Order: C09040693

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-------|--------------|-----------------|-------|------|------------|------------|-----|----------|-----------|
| Method: E200.7 | | | | | | | | | Batch: | R117920 |
| Sample ID: MB-090507A | Ме | thod Blank | | | | Run: ICP2- | C_090507A | | 05/07/ | 09 11:30 |
| Manganese | | ND | mg/L | 0.001 | | | | | | |
| Sample ID: LFB-090507A | Lat | poratory For | tified Blank | | | Run: ICP2- | C_090507A | | 05/07 | /09 11:34 |
| Manganese | | 0.933 | mg/L | 0.010 | 93 | 85 | 115 | | | |
| Sample ID: C09040674-009CMS2 | Sa | mple Matrix | Spike | | | Run: ICP2- | C_090507A | | 05/07 | /09 15:41 |
| Manganese | | 2.08 | mg/L | 0.014 | 104 | 70 | 130 | | | |
| Sample ID: C09040674-009CMSD |) Sa | mple Matrix | Spike Duplicate | | | Run: ICP2- | C_090507A | | 05/07 | /09 15:45 |
| Manganese | | 2.00 | mg/L | 0.014 | 100 | 70 | 130 | 3.7 | 20 | |



UR Energy USA Inc

Project: Lost Creek

Report Date: 06/12/09 Work Order: C09040693

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Quai |
|---------------------|--------------|--------------|--------------|---------|------|-------------|--------------|-----|----------|------------|
| Method: E200.8 | | | 14.00 | | | | | | Batch: | R117340 |
| Sample ID: LRB | <u>13</u> Me | thod Blank | | | | Run: ICPM | S2-C_090424A | | 04/24 | /09 13:10 |
| Aluminum | _ | ND | mg/L | 0.002 | | | | | | |
| Arsenic | | ND | mg/L | 0.0003 | | | | | | |
| Barium | | ND | mg/L | 3E-05 | | | | | | |
| Cadmium | | ND | mg/L | 6E-05 | | | | | | |
| Chromium | | ND | mg/L | 8E-05 | | | | | | |
| Lead | | ND | mg/L | 2E-05 | | | | | | |
| Manganese | | ND | mg/L | 5E-05 | | | | | | |
| Mercury | | ND | mg/L | 4E-05 | | | | | | |
| Molybdenum | | ND | mg/L | 4E-05 | | | | | | |
| Nickel | | ND | mg/L | 9E-05 | | | | | | |
| Selenium | | ND | mg/L | 0.001 | | | | | | |
| Uranium | | ND | mg/L | 8E-06 | | | | | | |
| Vanadium | | ND | mg/L | 9E-05 | | | | | | |
| Sample ID: LFB | 13 l a | ooratory For | tified Blank | | | Run: ICPM | S2-C_090424A | | 04/24 | /09 13:17 |
| Aluminum | <u></u> | 0.0496 | mg/L | 0.0022 | 99 | 85 | 115 | | | |
| Arsenic | | 0.0507 | mg/L | 0.0010 | 101 | 85 | 115 | | | |
| Barium | | 0.0510 | mg/L | 0.0010 | 102 | | 115 | | | |
| Cadmium | | 0.0503 | mg/L | 0.0010 | 101 | 85 | 115 | | | |
| Chromium | | 0.0504 | mg/L | 0.0010 | 101 | 85 | 115 | | | |
| Lead | | 0.0498 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Manganese | | 0.0488 | mg/L | 0.0010 | 98 | | 115 | | | |
| Mercury | | 0.00511 | mg/L | 0.0010 | 102 | | 115 | | | |
| Molybdenum | | 0.0510 | mg/L | 0.0010 | 102 | | 115 | | | |
| Nickel | | 0.0492 | mg/L | 0.0010 | 98 | | 115 | | | |
| Selenium | | 0.0502 | mg/L | 0.0014 | 100 | | 115 | | | |
| Uranium | | 0.0494 | mg/L | 0.00030 | 99 | | 115 | | | |
| Vanadium | | 0.0500 | mg/L | 0.0010 | 100 | | 115 | | | |
| | 40.14 | | g | | | | | | 04/25 | 5/09 03:22 |
| Sample ID: MB-22126 | 13 Me | thod Blank | | 0.0004 | | Run: ICPIVI | S2-C_090424A | | 04/20 | 03.22 |
| Aluminum | | ND | mg/L | 0.0001 | | | | | | |
| Arsenic | | 0.0009 | mg/L | 6E-05 | | | | | | |
| Barium | | ND | mg/L | 3E-05 | | | | | | |
| Cadmium | | ND | mg/L | 1E-05 | | | | | | |
| Chromium | | ND | mg/L | 4E-05 | | | | | | |
| Lead | | ND | mg/L | 3E-05 | | | | | | |
| Manganese | | ND | mg/L | 5E-05 | | | | | | |
| Mercury | | ND of of | mg/L | 8E-05 | | | | | | |
| Molybdenum | | 9E-05 | mg/L | 5E-05 | | | | | | |
| Nickel | | ND 0.004 | mg/L | 0.0007 | | | | | | |
| Selenium | | 0.001 | mg/L | 0.0002 | | | | | | |
| Uranium | | 2E-05 | mg/L | 1E-05 | | | | | | |
| Vanadium | | ND | mg/L | 3E-05 | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/12/09 Work Order: C09040693

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|--------------|-----------------|---------|------|-----------|--------------|-----|----------|------------|
| Method: E200.8 | | | | | | | | | Batch: | R117340 |
| Sample ID: C09040693-009BMS4 | 13 Sa | mple Matrix | Spike | | | Run: ICPM | S2-C_090424A | | 04/25 | /09 06:32 |
| Aluminum | | 0.220 | mg/L | 0.0010 | 82 | 70 | 130 | | | |
| Arsenic | | 0.0685 | mg/L | 0.0010 | 93 | 70 | 130 | | | |
| Barium | | 0.0678 | mg/L | 0.0010 | 95 | 70 | 130 | | | |
| Cadmium | | 0.0467 | mg/L | 0.010 | 93 | 70 | 130 | | | |
| Chromium | | 0.0451 | mg/L | 0.0010 | 90 | 70 | 130 | | | |
| Lead | | 0.0474 | mg/L | 0.0010 | 94 | 70 | 130 | | | |
| Manganese | | 0.0462 | mg/L | 0.010 | 91 | 70 | 130 | | | |
| Mercury | | 0.00488 | mg/L | 0.0010 | 98 | 70 | 130 | | | |
| Molybdenum | | 0.0511 | mg/L | 0.0010 | 96 | 70 | 130 | | | |
| Nickel | | 0.0440 | mg/L | 0.0010 | 88 | 70 | 130 | | • | |
| Selenium | | 0.0464 | mg/L | 0.0010 | 92 | 70 | 130 | | | |
| Uranium | | 0.113 | mg/L | 0.00030 | 99 | 70 | 130 | | | |
| Vanadium | | 0.0491 | mg/L | 0.0010 | 93 | 70 | 130 | | | |
| Sample ID: C09040693-009BMSI | D <u>13</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICPM | S2-C_090424A | | 04/25 | 5/09 06:39 |
| Aluminum | | 0.220 | mg/L | 0.0010 | 81 | 70 | 130 | 0.2 | 20 | |
| Arsenic | | 0.0701 | mg/L | 0.0010 | 96 | 70 | 130 | 2.3 | 20 | |
| Barium | | 0.0694 | mg/L | 0.0010 | 98 | 70 | 130 | 2.4 | 20 | |
| Cadmium | | 0.0478 | mg/L | 0.010 | 95 | 70 | 130 | 2.3 | 20 | |
| Chromium | | 0.0451 | mg/L | 0.0010 | 90 | 70 | 130 | 0 | 20 | |
| Lead | | 0.0480 | mg/L | 0.0010 | 95 | 70 | 130 | 1.4 | 20 | |
| Manganese | | 0.0460 | mg/L | 0.010 | 91 | 70 | 130 | 0.4 | 20 | |
| Mercury | | 0.00498 | mg/L | 0.0010 | 100 | 70 | 130 | 1.9 | 20 | |
| Molybdenum | | 0.0521 | mg/L | 0.0010 | 98 | 70 | 130 | 2 | 20 | |
| Nickel | | 0.0443 | mg/L | 0.0010 | 89 | 70 | 130 | 0.6 | 20 | |
| Selenium | | 0.0470 | mg/L | 0.0010 | 93 | 70 | 130 | 1.3 | 20 | |
| Uranium | | 0.113 | mg/L | 0.00030 | 100 | 70 | 130 | 0.6 | 20 | |
| Vanadium | | 0.0495 | mg/L | 0.0010 | 93 | 70 | 130 | 0.7 | 20 | |
| Sample ID: C09040693-019BMS | 4 <u>13</u> Sa | imple Matrix | Spike | | | Run: ICPM | S2-C_090424A | | 04/25 | 5/09 08:48 |
| Aluminum | | 0.0424 | mg/L | 0.0010 | 85 | 70 | 130 | | | |
| Arsenic | | 0.0492 | mg/L | 0.0010 | 98 | 70 | 130 | | | |
| Barium | | 0.0490 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Cadmium | | 0.0487 | mg/L | 0.010 | 97 | 70 | 130 | | | |
| Chromium | | 0.0471 | mg/L | 0.0010 | 94 | 70 | 130 | | | |
| Lead | | 0.0478 | mg/L | 0.0010 | 95 | 70 | 130 | | | |
| Manganese | | 0.0474 | mg/L | 0.010 | 94 | 70 | 130 | | | |
| Mercury | | 0.00493 | mg/L | 0.0010 | 99 | | 130 | | | |
| Molybdenum | | 0.0489 | mg/L | 0.0010 | 98 | | 130 | | | |
| Nickel | | 0.0464 | mg/L | 0.0010 | 93 | | 130 | | | |
| Selenium | | 0.0494 | mg/L | 0.0010 | 99 | | 130 | | | |
| Uranium | | 0.0470 | mg/L | 0.00030 | 94 | | 130 | | | |
| Vanadium | | 0.0483 | mg/L | 0.0010 | 97 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 06/12/09

Project: Lost Creek

Work Order: C09040693

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|-----------------|-------------|-----------------|---------|------|-----------|--------------|-----|----------|----------|
| Method: E200.8 | | | | | | | | | Batch: | R117340 |
| Sample ID: C09040693-019BMS | D <u>13</u> San | nple Matrix | Spike Duplicate | | | Run: ICPM | S2-C_090424A | | 04/25 | 09 08:55 |
| Aluminum | | 0.0447 | mg/L | 0.0010 | 89 | 70 | 130 | 5.3 | 20 | |
| Arsenic | | 0.0495 | mg/L | 0.0010 | 98 | 70 | 130 | 0.6 | 20 | |
| Barium | | 0.0495 | mg/L | 0.0010 | 99 | 70 | 130 | 1.1 | 20 | |
| Cadmium | | 0.0489 | mg/L | 0.010 | 98 | 70 | 130 | 0.3 | 20 | |
| Chromium | | 0.0471 | mg/L | 0.0010 | 94 | 70 | 130 | 0 | 20 | |
| Lead | | 0.0488 | mg/L | 0.0010 | 97 | 70 | 130 | 1.9 | 20 | |
| Manganese | | 0.0477 | mg/L | 0.010 | 95 | 70 | 130 | 0.6 | 20 | |
| Mercury | | 0.00500 | mg/L | 0.0010 | 100 | 70 | 130 | 1.4 | 20 | |
| Molybdenum | | 0.0492 | mg/L | 0.0010 | 98 | 70 | 130 | 0.6 | 20 | |
| Nickel | | 0.0463 | mg/L | 0.0010 | 93 | 70 | 130 | 0.3 | 20 | |
| Selenium | | 0.0497 | mg/L | 0.0010 | 99 | 70 | 130 | 0.5 | 20 | |
| Uranium | | 0.0477 | mg/L | 0.00030 | 95 | 70 | 130 | 1.5 | 20 | |
| Vanadium | | 0.0483 | mg/L | 0.0010 | 97 | 70 | 130 | 0 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/12/09 **Work Order:** C09040693

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|-------------------|--------------|----------------|-----------------|------|------|------------|------------|-----|----------|------------|
| Method: | E300.0 | | | | | | | | | Batch: | R117485 |
| Sample ID: | LCS | <u>2</u> l | _aboratory Cor | ntrol Sample | | | Run: IC1-C | _090427A | | 04/27 | /09 15:56 |
| Chloride | | | 9.74 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sulfate | | | 38.5 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sample ID: | MBLK | <u>2</u> ! | Method Blank | | | | Run: IC1-C | _090427A | | 04/27 | /09 16:11 |
| Chloride | | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: | C09040674-021AMS | <u>2</u> : | Sample Matrix | Spike | | | Run: IC1-C | _090427A | | 04/28 | /09 01:57 |
| Chloride | | | 25.9 | mg/L | 1.0 | 104 | 90 | 110 | | | |
| Sulfate | | | 230 | mg/L | 1.0 | 101 | 90 | 110 | | | |
| Sample ID: | C09040674-021AMSI |) <u>2</u> : | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090427A | | 04/28 | /09 02:12 |
| Chloride | | | 25.9 | mg/L | 1.0 | 104 | 90 | 110 | 0.3 | 20 | |
| Sulfate | | | 230 | mg/L | 1.0 | 101 | 90 | 110 | 0.1 | 20 | |
| Sample ID: | C09040693-007AMS | <u>2</u> : | Sample Matrix | Spike | | | Run: IC1-C | _090427A | | 04/28 | /09 05:32 |
| Chloride | | | 24.7 | mg/L | 1.0 | 102 | 90 | 110 | | | |
| Sulfate | | | 205 | mg/L | 1.0 | 102 | 90 | 110 | | | |
| Sample ID: | C09040693-007AMS | D <u>2</u> | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090427A | | 04/28 | /09 05:48 |
| Chloride | | | 24.9 | mg/L | 1.0 | 103 | 90 | 110 | 8.0 | 20 | |
| Sulfate | | | 205 | mg/L | 1.0 | 103 | 90 | 110 | 0.2 | 20 | |
| Sample ID: | C09040693-017AMS | <u>2</u> | Sample Matrix | Spike | | | Run: IC1-C | _090427A | | 04/28 | 3/09 09:24 |
| Chloride | | | 28.2 | mg/L | 1.0 | 106 | 90 | 110 | | | |
| Sulfate | | | 184 | mg/L | 1.0 | 103 | 90 | 110 | | | |
| Sample ID: | C09040693-017AMS | D <u>2</u> | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090427A | | 04/28 | 3/09 09:39 |
| Chloride | | | 28.7 | mg/L | 1.0 | 108 | 90 | 110 | 1.7 | 20 | |
| Sulfate | | | 186 | mg/L | 1.0 | 106 | 90 | 110 | 1.1 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/12/09 Work Order: C09040693

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|--------|--------------|---------------------|-------|-----------|------------|------------|----------|-------------|-----------|
| Method: E350.1 | | | | | | | | Analytic | al Run: SUB | -B128352 |
| Sample ID: ICV | Initia | I Calibratio | on Verification Sta | ndard | | | | | 04/24 | 09 10:24 |
| Nitrogen, Ammonia as N | | 5.71 | mg/L | 0.11 | 104 | 90 | 110 | | | |
| Method: E350.1 | | | | | | | | | Batch: B | R128352 |
| Sample ID: MBLK | Meth | od Blank | | | | Run: SUB-l | B128352 | | 04/24 | 09 10:25 |
| Nitrogen, Ammonia as N | | ND | mg/L | 0.02 | | | | | | |
| Sample ID: LFB | Labo | ratory For | tified Blank | | | Run: SUB- | B128352 | | 04/24 | /09 10:26 |
| Nitrogen, Ammonia as N | | 1.01 | mg/L | 0.10 | 102 | 90 | 110 | | | |
| Sample ID: C09040693-001E | Sam | ple Matrix | Spike | | | Run: SUB- | B128352 | | 04/24 | /09 10:32 |
| Nitrogen, Ammonia as N | | 0.923 | mg/L | 0.050 | <u>86</u> | 90 | 110 | | | S |
| Sample ID: C09040693-001E | Sam | ple Matrix | Spike Duplicate | | | Run: SUB- | B128352 | | 04/24 | /09 10:34 |
| Nitrogen, Ammonia as N | | 0.919 | mg/L | 0.050 | <u>85</u> | 90 | 110 | 0.4 | 10 | S |
| Sample ID: C09040693-009E | Sam | ple Matrix | Spike | | | Run: SUB- | B128352 | | 04/24 | /09 10:47 |
| Nitrogen, Ammonia as N | | 1.19 | mg/L | 0.050 | <u>87</u> | 90 | 110 | | | S |
| Sample ID: C09040693-009E | Sam | ple Matrix | Spike Duplicate | | | Run: SUB- | B128352 | | 04/24 | /09 10:48 |
| Nitrogen, Ammonia as N | | 1.19 | mg/L | 0.050 | <u>87</u> | 90 | 110 | 0.3 | 10 | S |
| Sample ID: B09042149-018EMS | Sam | ple Matrix | Spike | | | Run: SUB- | B128352 | | 04/24 | /09 11:02 |
| Nitrogen, Ammonia as N | | 0.866 | mg/L | 0.050 | <u>79</u> | 90 | 110 | | | S |
| Sample ID: B09042149-018EMS | D Sam | ple Matrix | Spike Duplicate | | | Run: SUB- | B128352 | | 04/24 | /09 11:03 |
| Nitrogen, Ammonia as N | | 0.869 | mg/L | 0.050 | <u>79</u> | 90 | 110 | 0.3 | 10 | S |



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 06/12/09 Work Order: C09040693

04/24/09 14:15

10

RL %REC Low Limit High Limit RPD RPDLimit Qual Count Result Units Analyte Analytical Run: SUB-B128356 E353.2 Method: Initial Calibration Verification Standard 04/24/09 11:21 Sample ID: ICV 90 110 Nitrogen, Nitrate+Nitrite as N 36.6 mg/L 0.050 103 Batch: B_R128356 Method: E353.2 Sample ID: MBLK Run: SUB-B128356 04/24/09 11:22 Method Blank 0.002 mg/L 0.002 Nitrogen, Nitrate+Nitrite as N 04/24/09 11:23 Run: SUB-B128356 Laboratory Fortified Blank Sample ID: LFB 110 Nitrogen, Nitrate+Nitrite as N 0.988 mg/L 0.050 101 90 Sample ID: C09040693-005E Sample Matrix Spike Run: SUB-B128356 04/24/09 12:19 0.050 102 90 110 0.998 mg/L Nitrogen, Nitrate+Nitrite as N 04/24/09 12:20 Sample ID: C09040693-005E Run: SUB-B128356 Sample Matrix Spike Duplicate 10 110 0.3 0.050 102 90 Nitrogen, Nitrate+Nitrite as N 1.00 mg/L Run: SUB-B128356 04/24/09 13:57 Sample ID: C09040693-019E Sample Matrix Spike 0.050 98 90 110 0.966 mg/L Nitrogen, Nitrate+Nitrite as N Run: SUB-B128356 04/24/09 13:58 Sample ID: C09040693-019E Sample Matrix Spike Duplicate 10 99 0.8 0.050 90 110 Nitrogen, Nitrate+Nitrite as N 0.974 mg/L 04/24/09 14:14 Run: SUB-B128356 Sample ID: B09042169-003AMS Sample Matrix Spike Nitrogen, Nitrate+Nitrite as N 1.94 mg/L 0.050 102 90 110

0.050

102

Sample Matrix Spike Duplicate

mg/L

1.94

Sample ID: B09042169-003AMSD

Nitrogen, Nitrate+Nitrite as N

Run: SUB-B128356

90

110

0.1



Client: UR Energy USA Inc

Report Date: 06/12/09

Project: Lost Creek

Work Order: C09040693

| Analyte | Count Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|--------------------|----|------|------------|------------|-----|----------|------------|
| Method: E900.0 | | | | | | | | Batch: G | GrAB-0647 |
| Sample ID: MB-GrAB-0647 | 6 Method Blani | K | | | Run: G5000 | OW_090508A | | 05/13 | /09 01:15 |
| Gross Alpha | -0.3 | pCi/L | | | | | | | U |
| Gross Alpha precision (±) | 0.5 | pCi/L | | | | | | | |
| Gross Alpha MDC | 0.6 | pCi/L | | | | | | | |
| Gross Beta | -0.9 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | 2 | pCi/L | | | | | | | |
| Gross Beta MDC | 2 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0647 | Laboratory C | ontrol Sample | | | Run: G5000 | 0W_090508A | | 05/13 | 3/09 01:15 |
| Gross Alpha | 150 | pCi/L | | 106 | 70 | 130 | | | |
| Sample ID: Cs137-GrAB-0647 | Laboratory C | ontrol Sample | | | Run: G5000 | 0W_090508A | | 05/13 | 3/09 01:15 |
| Gross Beta | 98 | pCi/L | | 107 | 70 | 130 | | | |
| Sample ID: C09040693-019DMS | Sample Matr | ix Spike | | | Run: G5000 | 0W_090508A | | 05/13 | 3/09 13:24 |
| Gross Alpha | 147 | pCi/L | | 107 | 70 | 130 | | | |
| Sample ID: C09040693-019DMSI | Sample Matr | ix Spike Duplicate | | | Run: G500 | 0W_090508A | | 05/13 | 3/09 13:24 |
| Gross Alpha | 134 | pCi/L | | 97 | 70 | 130 | 9.4 | 15.6 | |
| Sample ID: C09040693-019DMS | Sample Matr | ix Spike | | | Run: G5006 | 0W_090508A | | 05/13 | /09 13:24 |
| Gross Beta | 114 | pCi/L | | 126 | 70 | 130 | | | |
| Sample ID: C09040693-019DMSI | D Sample Matr | ix Spike Duplicate | | | Run: G500 | 0W_090508A | | 05/13 | 3/09 13:24 |
| Gross Beta | 105 | pCi/L | | 117 | 70 | 130 | 7.9 | 15.8 | |

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/12/09 **Work Order:** C09040693

| Analyte | Count | Result | Units | RL | %REC | Low | Limit | High | Limit | KPU | RPDLimit | Qual |
|------------------------------|------------|---------------|-------------------|----|------|------|-------|--------|---------|------------|-----------|------------|
| Method: E900.0 | | | | | | | | | | | Batch: G | rAB-0661 |
| Sample ID: MB-GrAB-0661 | <u>6</u> M | lethod Blank | | | | Run: | TENN | ELEC- | 3_09052 | 9 A | 06/04/ | /09 03:53 |
| Gross Alpha | | 1 | pCi/L | | | | | | | | | |
| Gross Alpha precision (±) | | 0.6 | pCi/L | | | | | | | | | |
| Gross Alpha MDC | | 0.5 | pCi/L | | | | | | | | | |
| Gross Beta | | -2 | pCi/L | | | | | | | | | U |
| Gross Beta precision (±) | | 2 | pCi/L | | | | | | | | | |
| Gross Beta MDC | | 2 | pCi/L | | | | | | | | | |
| Sample ID: UNAT-GrAB-0661 | L | aboratory Co | ontrol Sample | | | Run: | TENN | ELEC- | 3_09052 | 9 A | 06/04 | /09 03:54 |
| Gross Alpha | | 130 | pCi/L | | 97 | | 70 | | 130 | | | |
| Sample ID: Cs137-GrAB-0661 | L | aboratory Co | ontrol Sample | | | Run: | TENN | ELEC- | 3_09052 | 9A | 06/04 | /09 03:54 |
| Gross Beta | | 98 | pCi/L | | 108 | | 70 | | 130 | | | |
| Sample ID: C09050182-004AMS | S | ample Matri | x Spike | | | Run: | TENN | ELEC- | 3_09052 | 9A | 06/04 | /09 03:53 |
| Gross Alpha | | 124 | pCi/L | | 88 | | 70 | | 130 | | | |
| Sample ID: C09050182-004AMSI |) s | ample Matri | x Spike Duplicate | | | Run: | TENN | ELEC- | 3_09052 | 9A | 06/04 | /09 03:53 |
| Gross Alpha | | 138 | pCi/L | | 99 | | 70 | | 130 | 11 | 16.9 | |
| Sample ID: C09050182-004AMS | S | Sample Matri | x Spike | | | Run: | TENN | IELEC- | 3_09052 | 9A | 06/04 | /09 03:53 |
| Gross Beta | | 90.6p | Ci/L | | 99 | | 70 | | 130 | | | |
| Sample ID: C09050182-004AMSI |) s | Sample Matri | x Spike Duplicate | | | Run: | TENN | IELEC- | 3_09052 | 9A | 06/04 | /09 03:53 |
| Gross Beta | | 98.8p | oCi/L | | 108 | | 70 | | 130 | 8.6 | 16.2 | |
| Method: E903.0 | | - | | | | | | | | | Batch: RA | A226-361 |
| Sample ID: C09040693-001DMS | 5 | Sample Matri | x Spike | | | Run: | BERT | HOLD | 770-1_0 | 90424C | 05/12 | 2/09 16:43 |
| Radium 226 | | 16 | pCi/L | | 97 | | 70 | | 130 | | | |
| Sample ID: C09040693-001DMSI | D 5 | Sample Matri | x Spike Duplicate | | | Run: | BERT | HOLD | 770-1_0 | 90424C | 05/12 | 2/09 16:43 |
| Radium 226 | | 15 | pCi/L | | 90 | | 70 | | 130 | 6.9 | 23.3 | |
| Sample ID: MB-RA226-3617 | <u>3</u> N | /lethod Blank | (| | | Run: | BER1 | HOLD | 770-1_0 | 90424C | 05/12 | 2/09 22:01 |
| Radium 226 | | -0.1 | pCi/L | | | | | | | | | U |
| Radium 226 precision (±) | | 0.07 | oCi/L | | | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | | | |
| Sample ID: LCS-RA226-3617 | L | aboratory C | ontrol Sample | | | Run: | BERT | HOLD | 770-1_0 | 90424C | 05/12 | 2/09 22:01 |
| | | | | | | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 06/12/09

Project: Lost Creek

Work Order: C09040693

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---------------|--------------|---------------------------------------|------------|-------------|-----------------|------------------|------------|-----------|------------|
| Method: E903.0 | | | | | | . 4.11 | | | Batch: RA | 226-361 |
| Sample ID: C09040693-011DMS | Sai | mple Matrix | Spike | | | Run: BERT | THOLD 770-1_0 | 90424E | 05/12 | /09 23:38 |
| Radium 226 | | 710 | pCi/L | | <u>-845</u> | 70 | 130 | | | S |
| - Sample response is much larger that meets acceptance criteria; this batch | | | small variances in the | e sample a | adversely | affected the re | ecovery. The LCS | and the RF | | |
| Sample ID: C09040693-011DMS | D Sa | mple Matrix | Spike Duplicate | | | Run: BER1 | THOLD 770-1_0 | 90424E | | /09 23:38 |
| Radium 226 | | 700 | pCi/L | | <u>-930</u> | 70 | 130 | 1.9 | 12.2 | S |
| Sample ID: MB-RA226-3618 | <u>3</u> Me | thod Blank | | | | Run: BERT | THOLD 770-1_0 | 90424E | 05/13 | /09 01:12 |
| Radium 226 | | -0.2 | pCi/L | | | | | | | U |
| Radium 226 precision (±) | | 0.1 | pCi/L | | | | | | | |
| Radium 226 MDC | | 0.3 | pCi/L | | | | | | | |
| Sample ID: LCS-RA226-3618 | Lai | ooratory Co | ntrol Sample | | | | THOLD 770-1_0 | 90424E | 05/13 | /09 01:12 |
| Radium 226 | | 8.0 | pCi/L | | 104 | 70 | 130 | | | |
| Method: RA-05 | | | | | | | | | Batch: RA | 1228-262 |
| Sample ID: LCS-228-RA226-361 | 7 Lai | ooratory Co | ntrol Sample | | | Run: TEN | NELEC-3_0904 | 24A | 05/05 | i/09 17:11 |
| Radium 228 | | 7.12p0 | Ci/L | | 85 | 70 | 130 | | | |
| Sample ID: MB-RA226-3617 | <u>3</u> Me | thod Blank | | | | Run: TEN | NELEC-3_0904 | 24A | 05/05 | 5/09 17:1 |
| Radium 228 | | -0.4 | pCi/L | | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | |
| Sample ID: C09040693-010DMS | Sa | mple Matrix | Spike | | | Run: TENI | NELEC-3_0904 | 24A | 05/05 | 5/09 17:1 |
| Radium 228 | | 19.4p | • | | 79 | 70 | 130 | | | |
| Sample ID: C09040693-010DMS | D Sa | mple Matrix | Spike Duplicate | | | Run: TEN | NELEC-3_0904 | 24A | 05/05 | 5/09 17:1 |
| Radium 228 | | 19.2p | Ci/L | | 78 | 70 | 130 | 0.8 | 31.2 | |
| Method: RA-05 | | | · · · · · · · · · · · · · · · · · · · | | | - | | | Batch: R/ | A228-263 |
| Sample ID: LCS-228-RA226-361 | l 8 La | boratory Co | ntrol Sample | | | Run: TEN | NELEC-3_0904 | 24B | 05/06 | 6/09 11:0 |
| Radium 228 | | 8.34p | Ci/L | | 96 | 70 | 130 | | | |
| Sample ID: MB-RA226-3618 | <u>3</u> Me | thod Blank | | | | Run: TENI | NELEC-3_0904 | 24B | 05/06 | 5/09 11:0 |
| Radium 228 | | -0.05 | pCi/L | | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | |
| Sample ID: C09040693-020DMS | Sa Sa | mple Matrix | Spike | | | Run: TEN | NELEC-3_0904 | 24B | 05/06 | 5/09 11:0 |
| Radium 228 | | 14.2p | Ci/L | | 74 | 70 | 130 | | | |
| Sample ID: C09040693-020DMS | SD Sa | ımple Matrix | Spike Duplicate | | | Run: TEN | NELEC-3_0904 | 24B | 05/06 | 5/09 11:0 |
| Radium 228 | | 14.4p | | | 75 | 70 | 130 | 1.8 | 35.4 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

| Company Name: Ur-Energy | . " | Project Nar | ne, PWS, Permit, | th information as p | JOSSIDIO. | | 0- | | Page 🚺 of 💇 |
|--|--------------------|---|--|----------------------|--|-------------------------|--------|------------------------------------|-------------------------|
| | | Lost Creek | | | | | | ole Origin | EPA/State Compliance: |
| Report Mail Address: 5880 Enterprise Dr. Suite | 00 | Contact Na | me: | Phone/Fax: | | | State | | Yes No 🛛 |
| | | John Cash | | 307-265-2373 | | iat. | Emai | | Sampler: (Please Print) |
| Invoice Address: | | | | | | Jour | n.casi | n@ur-energyusa | JD/TL/CH/AA/DH |
| | | IIIAOICE COU | tact & Phone: | | | | Purch | ase Order: | Quote/Bottle Order |
| Special Report/Formats – ELI must be | notified | | | | | | | | |
| prior to sample submittal for the follow | ng: | 0 5 | ANALYSI | B REQUEST | | | | Contact ELI prior | to Shiphenby |
| | | V B Sids | | | | | R | RUSH sample sub for charges and | Omittal Cooler ID(s): |
| TOW MAZIA | | W S W S s/So say | | | | TAT | | scheduling - See | 101 |
| = | | Soil A | | | 동 |) pu | U | Instruction Page | likut |
| POTWMWTP | (Electronic Data) | Type on Eater | | | ATTACHED | arou | | Comments: | Receipt emp |
| State: LEVEL IV | | etal Ve | 80 | | AT | nrn | S | | On (ce: |
| Other: NELAC | 1 | Number of Containers Sample Type: A W S V B O Air Water Soils/Solids Vegetation Bioassay Other | ELINE | | SEE, | Normal Turnaround (TAT) | | | Yes (No |
| SAMPLE IDENTIFICATION Collection | | | 핍 | | S | E | H | | Custody Seal Y N |
| (Name, Location, Interval, etc.) Collection Date | Collection Time | MATRIX | GUD | | | | | | Custody Seal Y (N |
| M-128 #23 04/21/09 | | /-2 GALS | | | + | | | | Signature Match Y N |
| M-127 #24 04/21/09 | | -2 GALS | | | | | | | |
| M-126 #25 04/21/09 | | | | | | | | | |
| M 125 400 | | -2 GALS | X | | | | | | |
| 04/2 (/05 | I W | -2 GALS | | | | - | +, | DODALIS O | |
| 04/21/03 | W- | -2 GALS | | | | | | 10904069= | 3 8 |
| M-123 #28 04/21/09 | W- | 2 GALS | | | | _ | + | | 2 |
| M-122 #29 04/21/09 | W- | 2 GALS | 7 1 1 | | | | | | ORY |
| M-119 #30 04/21/09 | W- | 2 GALS | 7 + + + | +++1 | | | | | N. W. |
| AU-110 #31 04/21/09 | | 2 GALS | +++ | | | | | | |
| MP-110 #32 04/21/09 | | | } | | | | | | (A) |
| Relinquished by (print): Date/T | me: | 2-GALS Signature: | | | | | | | |
| Scord Reference by (print) | 1/09 18:09 | | | Bicefied by (print): | Cast | Date/Tir | me: | 10'09 11 | Signatures / |
| ST be wohn V Cash 4/27/ | 7 7:55 | g fraure | | Received by (print): | | Date/Tir | ne: | 18107 | Signature: |
| gned Sample Disposal: Return to Client: | | ab Disposal: | | Received by Laborate | ory: i | Date/Tin | na: | V | phania |

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.

This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

| ENERGY LABORATORIES | Chain | of Cus | tody ar | nd . | Ana | alyti | cal | Re | qu | est | Re | ecc | ord | | | Pag | ge <u>2</u> | of 2 |
|--|--------------------|--------------------|---|-----------|--------|----------|------------------|----|----------|-----|--------------|-------------------------|----------------|----------------------------|---|---------|---|------------|
| Company Name: | | | Project Nar | ne, P | WS, P | ermit, E | tc. | | | | | | Samp | le Origin | | EPA/S | tate Compl | ance: |
| Ur-Energy | | | Lost Creek | | | | | | | | | | State | | WY | Yes [|] No | Z |
| Report Mail Address: 5880 Enterpris 82609 | se Dr. Suite 200 | Casper Wy | Contact Na John Cash | | | | hone/I 307-26 | | 73 | | | joh | Emai n.casl | | ergyusa | | er: (Please CH/AA/Dł | • |
| Invoice Address: | | | Invoice Cor | ntact | & Phor | ne: | | | | | | | Purch | ase Ord | er: | Quote/ | Bottle Orde | er: |
| GSA DOTW/WWTP State: | | j : | Number of Containers Sample Type: A W S V B O Air Water Solis/Solids Vegetation Bioassay Other | 8 | | 1808 | | | <u> </u> | | SEE ATTACHED | Normal Turnaround (TAT) | R U S | RUSH for char schedu | t ELI prior sample su rges and ling – See ion Page ents: | bmittal | Cooler ID(s) Receipt Ten On Ice: Yes Custody Se | °C No |
| SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) | Collection Date | Collection Time | MATRIX | GUIDELINE | | | | | | | | _ | | | | | Intact Signature Match | Y N Y N |
| M-131 #33 | 04/21/09 | | W-2 GALS | X | | | | | | | | | | Λ | | | 5-3 | |
| ² MU-112 #34 | 04/21/09 | | W-2 GALS | X | | | | | | | | | | (1)91 | 2/10/0 | 93 | NILL S | |
| ³ MP-112 #35 | 04/21/09 | | W-2 GALS | X | | | | | | | | | | COM | · · · · | | © Eng | |
| ⁴ MO-112 #36 | 04/21/09 | | W-2 GALS | X | | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | , | NS/ | |
| ⁵ Mu-111 #37 | 04/21/09 | | W-2 GALS | X | | | | | | | | | | | | | > | |
| ⁶ MP-111 #39 | 04/21/09 | | W-2 GALS | X | | | | | | | | | | | | | 0 | |
| ⁷ MO-113 #40 | 04/21/09 | | W-2 GALS | X | | | | | | | | | | 7 | | L1 | AT. | |
| ⁸ MU-113 #41 | 04/21/09 | | W-2 GALS | X | | | | | | | | | | | | | | |
| ⁹ M-132 #42 | 04/21/09 | | W-2 GALS | X | | | | | | | | | ** | | - | | 0 | |

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.

This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Received by (print): \

John Cash
Received by (print):

Received by Laboratory:

1-1/21/09 18:09

Signature:

Signature

W-2 GALS X

Signature:

Signature:

Lab Disposal:

John Cash

04/21/09

Date/Time:

04/21/09 18:09

¹⁰ MO-110 #43

Custody

Record

MUST be

Signed

Relinquished by (print):

Sample Disposal: Return to Client:

Jay Douthit

ENERGY LABORATORIES

CLIENT: UR Energy USA Inc

Date: 12-Jun-09

CASE NARRATIVE

Project:

Lost Creek

Sample Delivery Group: C09040693

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS

Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS

The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505

Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT

eli-g - Energy Laboratories, Inc. - Gillette, WY

eli-h - Energy Laboratories, Inc. - Helena, MT

eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT



ANALYTICAL SUMMARY REPORT

June 14, 2009

UR Energy USA Inc 10758 W Centennial Rd Ste 200 Ken Caryl Ranch, CO 80127

Workorder No.: C09040800

Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 17 samples for UR Energy USA Inc on 4/23/2009 for analysis.

| Sample ID | Client Sample ID | Collect Date Receive Date | Matrix | Test |
|--------------|------------------|---------------------------|---------|--|
| C09040800-00 | 01 MU-106 | 04/22/09 00:00 04/23/09 | Aqueous | Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved |
| C09040800-00 | 02 MP-106 | 04/22/09 00:00 04/23/09 | Aqueous | Same As Above |
| C09040800-00 | 03 MO-106 | 04/22/09 00:00 04/23/09 | Aqueous | Same As Above |
| C09040800-00 | 04 MO-104 | 04/22/09 00:00 04/23/09 | Aqueous | Same As Above |
| C09040800-00 | 05 MP-104 | 04/22/09 00:00 04/23/09 | Aqueous | Same As Above |
| C09040800-00 | 06 MU-104 | 04/22/09 00:00 04/23/09 | Aqueous | Same As Above |
| C09040800-00 | 07 MP-107 | 04/22/09 00:00 04/23/09 | Aqueous | Same As Above |
| C09040800-00 | 08 MU-107 | 04/22/09 00:00 04/23/09 | Aqueous | Same As Above |
| C09040800-00 | 09 MO-107 | 04/22/09 00:00 04/23/09 | Aqueous | Same As Above |
| C09040800-01 | 10 MP-108 | 04/22/09 00:00 04/23/09 | Aqueous | Same As Above |
| C09040800-01 | 11 MO-108 | 04/22/09 00:00 04/23/09 | Aqueous | Same As Above |
| C09040800-0 | 12 MU-109 | 04/22/09 00:00 04/23/09 | Aqueous | Same As Above |
| C09040800-0 | 13 MO-109 | 04/22/09 00:00 04/23/09 | Aqueous | Same As Above |
| C09040800-0 | 14 MP-109 | 04/22/09 00:00 04/23/09 | Aqueous | Same As Above |
| C09040800-0 | 15 MP-113 | 04/22/09 00:00 04/23/09 | Aqueous | Same As Above |
| C09040800-0 | 16 M-134 | 04/22/09 00:00 04/23/09 | Aqueous | Same As Above |
| C09040800-0 | 17 M-133 | 04/22/09 00:00 04/23/09 | Aqueous | Same As Above |



ANALYTICAL SUMMARY REPORT

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

STEVE CARLSTON



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-001

Client Sample ID: MU-106

Report Date: 06/14/09 Collection Date: 04/22/09

DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 107 | mg/L | | 1 | | A2320 B | 04/28/09 17:52 / ljl |
| Carbonate as CO3 | 6 | mg/L | | 1 | | A2320 B | 04/28/09 17:52 / ljl |
| Bicarbonate as HCO3 | 120 | mg/L | | 1 | | A2320 B | 04/28/09 17:52 / ljl |
| Calcium | 64 | mg/L | | 1 | | E200.7 | 04/27/09 17:42 / rdw |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 04/30/09 01:30 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/28/09 12:20 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 04/27/09 17:42 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/27/09 11:32 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/27/09 11:54 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 04/27/09 17:42 / rdw |
| Silica | 14.6 | mg/L | | 0.2 | | E200.7 | 05/04/09 16:44 / rdw |
| Sodium | 35 | mg/L | | 1 | | E200.7 | 04/27/09 17:42 / rdw |
| Sulfate | 118 | mg/L | | 1 | | E300.0 | 04/30/09 01:30 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 472 | umhos/cm | | 1 | | A2510 B | 04/24/09 11:45 / dd |
| pH | 8.91 | s.u. | | 0.01 | | A4500-H B | 04/24/09 11:45 / dd |
| Solids, Total Dissolved TDS @ 180 C | 321 | mg/L | | 10 | | A2540 C | 04/24/09 14:43 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 22:30 / ts |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/01/09 22:30 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 17:42 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 16:44 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/01/09 22:30 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 22:30 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 22:30 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 17:42 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 22:30 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 22:30 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 22:30 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 22:30 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 22:30 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 22:30 / ts |
| Uranium | 0.111 | mg/L | | 0.0003 | | E200.8 | 05/01/09 22:30 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 17:42 / rdw |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 05/01/09 22:30 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/06/09 17:56 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/06/09 17:56 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-001

Client Sample ID: MU-106

Report Date: 06/14/09

Collection Date: 04/22/09 DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 828 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Alpha precision (±) | 11.5 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Alpha MDC | 1.2 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Beta | 343 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Beta precision (±) | 4.8 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Radium 226 | 247 | pCi/L | | | | E903.0 | 05/13/09 22:18 / trs |
| Radium 226 precision (±) | 3.0 | pCi/L | | | | E903.0 | 05/13/09 22:18 / trs |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 05/13/09 22:18 / trs |
| Radium 228 | 6.1 | pCi/L | | | | RA-05 | 05/07/09 10:27 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 05/07/09 10:27 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/07/09 10:27 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 2.22 | % | | | | Calculation | 05/01/09 10:48 / kbh |
| Anions | 4.74 | meq/L | | | | Calculation | 05/01/09 10:48 / kbh |
| Cations | 4.96 | meq/L | | | | Calculation | 05/01/09 10:48 / kbh |
| Solids, Total Dissolved Calculated | 292 | mg/L | | | | Calculation | 05/01/09 10:48 / kbh |
| TDS Balance (0.80 - 1.20) | 1.10 | - | | | | Calculation | 05/01/09 10:48 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-002

Client Sample ID: MP-106

Report Date: 06/14/09

Collection Date: 04/22/09 DateReceived: 04/23/09

Matrix: Aqueous

| | Result | 1124 | O!!#!a | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|-------------|----------|------------|--------|-------------|------------------|------------------------|
| Analyses | Result | Units | Qualifiers | - KL | Q 02 | - Incurou | , mayoro Dato . Dy |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 107 | mg/L | | 1 | | A2320 B | 04/28/09 18:14 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/28/09 18:14 / ljl |
| Bicarbonate as HCO3 | 131 | mg/L | | 1 | | A2320 B | 04/28/09 18:14 / ljl |
| Calcium | 59 | mg/L | | 1 | | E200.7 | 04/27/09 17:46 / rdw |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 04/30/09 02:17 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/28/09 12:22 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 04/27/09 17:46 / rdw |
| Nitrogen, Ammonia as N | 0.07 | mg/L | | 0.05 | | E350.1 | 04/27/09 11:33 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/27/09 11:55 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 04/27/09 17:46 / rdw |
| Silica | 15.0 | mg/L | | 0.2 | | E200.7 | 05/04/09 16:49 / rdw |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 04/27/09 17:46 / rdw |
| Sulfate | 115 | mg/L | | 1 | | E300.0 | 04/30/09 02:17 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 455 | umhos/cm | | 1 | | A2510 B | 04/24/09 11:57 / dd |
| pH | 7.92 | s.u. | | 0.01 | | A4500-H B | 04/24/09 11:57 / dd |
| Solids, Total Dissolved TDS @ 180 C | 304 | mg/L | | 10 | | A2540 C | 04/24/09 14:44 / rp |
| METALO BIOGRAMED | | | | | | | |
| METALS - DISSOLVED | ND | /I | | 0.1 | | E200.8 | 05/01/09 22:36 / ts |
| Aluminum | ND 0.004 | mg/L | | 0.001 | | E200.8 | 05/01/09 22:36 / ts |
| Arsenic | 0.001 | mg/L | | | | E200.8 E200.7 | 04/27/09 17:46 / rdw |
| Barium | ND | mg/L | | 0.1 | | | 05/04/09 16:49 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/01/09 22:36 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 22:36 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 22:36 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 17:46 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 22:36 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 22:36 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 22:36 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 22:36 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 22:36 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 22:36 / ts |
| Uranium | 0.0073 | mg/L | | 0.0003 | | E200.8 | 05/01/09 22:36 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 17:46 / rdw |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 05/01/09 22:36 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/06/09 18:08 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/06/09 18:08 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-002

Client Sample ID: MP-106

Report Date: 06/14/09 Collection Date: 04/22/09 DateReceived: 04/23/09

Matrix: Aqueous

| | | | | | MCL/ | 88 - 411 | Amelysis Date (By |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 35.7 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Gross Alpha precision (±) | 2.4 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Gross Alpha MDC | 1.1 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Gross Beta | 13.8 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Radium 226 | 7.1 | pCi/L | | | | E903.0 | 05/13/09 22:18 / trs |
| Radium 226 precision (±) | 0.52 | pCi/L | | | | E903.0 | 05/13/09 22:18 / trs |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 05/13/09 22:18 / trs |
| Radium 228 | 4.6 | pCi/L | | | | RA-05 | 05/07/09 10:27 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 05/07/09 10:27 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/07/09 10:27 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.13 | % | | | | Calculation | 05/01/09 10:48 / kbh |
| Anions | 4.67 | meq/L | | | | Calculation | 05/01/09 10:48 / kbh |
| Cations | 4.57 | meq/L | | | | Calculation | 05/01/09 10:48 / kbh |
| Solids, Total Dissolved Calculated | 279 | mg/L | | | | Calculation | 05/01/09 10:48 / kbh |
| TDS Balance (0.80 - 1.20) | 1.09 | J | | | | Calculation | 05/01/09 10:48 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-003

Client Sample ID: MO-106

Report Date: 06/14/09 Collection Date: 04/22/09

DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 71 | mg/L | | 1 | | A2320 B | 04/28/09 18:31 / ljl |
| Carbonate as CO3 | 2 | mg/L | | 1 | | A2320 B | 04/28/09 18:31 / ljl |
| Bicarbonate as HCO3 | 82 | mg/L | | 1 | | A2320 B | 04/28/09 18:31 / ljl |
| Calcium | 35 | mg/L | | 1 | | E200.7 | 04/27/09 18:04 / rdw |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 04/30/09 02:32 / ljl |
| Fluoride | 0.3 | mg/L | | 0.1 | | A4500-F C | 04/28/09 12:25 / ljl |
| Magnesium | 1 | mg/L | | 1 | | E200.7 | 04/27/09 18:04 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/27/09 11:34 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.14 | mg/L | | 0.05 | | E353.2 | 04/27/09 11:56 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 04/27/09 18:04 / rdw |
| Silica | 12.2 | mg/L | | 0.2 | | E200.7 | 05/04/09 16:59 / rdw |
| Sodium | 39 | mg/L | | 1 | | E200.7 | 04/27/09 18:04 / rdw |
| Sulfate | 98 | mg/L | | 1 | | E300.0 | 04/30/09 02:32 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 362 | umhos/cm | | 1 | | A2510 B | 04/24/09 11:59 / dd |
| рН | 9.00 | s.u. | | 0.01 | | A4500-H B | 04/24/09 11:59 / dd |
| Solids, Total Dissolved TDS @ 180 C | 240 | mg/L | | 10 | | A2540 C | 04/24/09 14:44 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 22:43 / ts |
| Arsenic | 0.008 | mg/L | | 0.001 | | E200.8 | 05/01/09 22:43 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 18:04 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 16:59 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/01/09 22:43 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 22:43 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 22:43 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 18:04 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 22:43 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 22:43 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 22:43 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 22:43 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 22:43 / ts |
| Selenium | 0.029 | mg/L | | 0.001 | | E200.8 | 05/01/09 22:43 / ts |
| Uranium | 0.262 | mg/L | | 0.0003 | | E200.8 | 05/01/09 22:43 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 18:04 / rdw |
| Zinc | 0.16 | mg/L | | 0.01 | | E200.8 | 05/01/09 22:43 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/06/09 18:16 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/06/09 18:16 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek C09040800-003

Client Sample ID: MO-106

Report Date: 06/14/09

Collection Date: 04/22/09 DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 217 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Gross Alpha precision (±) | 5.6 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Gross Alpha MDC | 1.0 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Gross Beta | 81.9 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Gross Beta precision (±) | 2.7 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Radium 226 | 2.2 | pCi/L | | | | E903.0 | 05/13/09 22:18 / trs |
| Radium 226 precision (±) | 0.36 | pCi/L | | | | E903.0 | 05/13/09 22:18 / trs |
| Radium 226 MDC | 0.25 | pCi/L | | | | E903.0 | 05/13/09 22:18 / trs |
| Radium 228 | 1.5 | pCi/L | U | | | RA-05 | 05/07/09 10:27 / plj |
| Radium 228 precision (±) | 1.2 | pCi/L | | | | RA-05 | 05/07/09 10:27 / plj |
| Radium 228 MDC | 2.0 | pCi/L | | | | RA-05 | 05/07/09 10:27 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.128 | % | | | | Calculation | 05/01/09 10:49 / kbh |
| Anions | 3.62 | meq/L | | | | Calculation | 05/01/09 10:49 / kbh |
| Cations | 3.61 | meq/L | | | | Calculation | 05/01/09 10:49 / kbh |
| Solids, Total Dissolved Calculated | 224 | mg/L | | | | Calculation | 05/01/09 10:49 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 05/01/09 10:49 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-004

Client Sample ID: MO-104

Report Date: 06/14/09 Collection Date: 04/22/09

DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 108 | mg/L | | 1 | | A2320 B | 04/28/09 18:38 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/28/09 18:38 / ljl |
| Bicarbonate as HCO3 | 132 | mg/L | | 1 | | A2320 B | 04/28/09 18:38 / ljl |
| Calcium | 76 | mg/L | | 1 | | E200.7 | 04/27/09 18:08 / rdw |
| Chloride | 8 | mg/L | | 1 | | E300.0 | 04/30/09 02:47 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/28/09 12:28 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 04/27/09 18:08 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/27/09 11:38 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.72 | mg/L | | 0.05 | | E353.2 | 04/27/09 11:57 / eli-t |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 04/27/09 18:08 / rdw |
| Silica | 14.5 | mg/L | | 0.2 | | E200.7 | 05/04/09 17:04 / rdw |
| Sodium | 35 | mg/L | | 1 | | E200.7 | 04/27/09 18:08 / rdw |
| Sulfate | 171 | mg/L | | 1 | | E300.0 | 04/30/09 02:47 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 596 | umhos/cm | | 1 | | A2510 B | 04/24/09 12:01 / dd |
| ρΗ | 7.79 | s.u. | | 0.01 | | A4500-H B | 04/24/09 12:01 / dd |
| Solids, Total Dissolved TDS @ 180 C | 394 | mg/L | | 10 | | A2540 C | 04/24/09 14:45 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 22:50 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 22:50 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 18:08 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 17:04 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/01/09 22:50 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 22:50 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 22:50 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 18:08 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 22:50 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 22:50 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 22:50 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 22:50 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 22:50 / ts |
| Selenium | 0.043 | mg/L | | 0.001 | | E200.8 | 05/01/09 22:50 / ts |
| Uranium | 0.718 | mg/L | | 0.0003 | | E200.8 | 05/01/09 22:50 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 18:08 / rdw |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 05/01/09 22:50 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/06/09 18:20 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/06/09 18:20 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

Client Sample ID: MO-104

C09040800-004

Report Date: 06/14/09 Collection Date: 04/22/09

DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|---------|-------|------------|----|-------------|-------------|----------------------|
| Analyses | 1100411 | | Quamoro | | | | - |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 682 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Alpha precision (±) | 10.8 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Beta | 197 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Beta precision (±) | 3.8 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Radium 226 | 3.1 | pCi/L | | | | E903.0 | 05/13/09 23:57 / trs |
| Radium 226 precision (±) | 0.34 | pCi/L | | | | E903.0 | 05/13/09 23:57 / trs |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 05/13/09 23:57 / trs |
| Radium 228 | 2.3 | pCi/L | | | | RA-05 | 05/07/09 10:27 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/07/09 10:27 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/07/09 10:27 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.79 | % | | | | Calculation | 05/01/09 10:49 / kbh |
| Anions | 6.02 | meq/L | | | | Calculation | 05/01/09 10:49 / kbh |
| Cations | 5.69 | meq/L | | | | Calculation | 05/01/09 10:49 / kbh |
| Solids, Total Dissolved Calculated | 366 | mg/L | | | | Calculation | 05/01/09 10:49 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | | | | | Calculation | 05/01/09 10:49 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID: Lost Creek

Client Sample ID: MP-104

C09040800-005

04

Report Date: 06/14/09

Collection Date: 04/22/09 DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 93 | mg/L | | 1 | | A2320 B | 04/28/09 18:45 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/28/09 18:45 / ljl |
| Bicarbonate as HCO3 | 114 | mg/L | | 1 | | A2320 B | 04/28/09 18:45 / ljl |
| Calcium | 78 | mg/L | | 1 | | E200.7 | 04/27/09 18:21 / rdw |
| Chloride | 9 | mg/L | | 1 | | E300.0 | 04/30/09 03:03 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/28/09 12:31 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 04/27/09 18:21 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/27/09 11:41 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/27/09 13:12 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 04/27/09 18:21 / rdw |
| Silica | 13.7 | mg/L | | 0.2 | | E200.7 | 05/04/09 17:09 / rdw |
| Sodium | 38 | mg/L | | 1 | | E200.7 | 04/27/09 18:21 / rdw |
| Sulfate | 186 | mg/L | | 1 | | E300.0 | 04/30/09 03:03 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 604 | umhos/cm | | 1 | | A2510 B | 04/24/09 12:02 / dd |
| Н | 8.45 | s.u. | | 0.01 | | A4500-H B | 04/24/09 12:02 / dd |
| Solids, Total Dissolved TDS @ 180 C | 398 | mg/L | | 10 | | A2540 C | 04/24/09 14:45 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 23:24 / ts |
| Arsenic | 0.006 | mg/L | | 0.001 | | E200.8 | 05/01/09 23:24 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 18:21 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 17:09 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/01/09 23:24 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 23:24 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 23:24 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 18:21 / rdw |
| Lead | 0.002 | mg/L | | 0.001 | | E200.8 | 05/01/09 23:24 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 23:24 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 23:24 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 23:24 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 23:24 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 23:24 / ts |
| Uranium | 0.176 | mg/L | | 0.0003 | | E200.8 | 05/01/09 23:24 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 18:21 / rdw |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 05/01/09 23:24 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/06/09 18:24 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/06/09 18:24 / cp |
| Thorium 232 | ND | mg/L | | 0.001 | | E200.8 | 05/14/09 02:21 / ts |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-005

Client Sample ID: MP-104

Report Date: 06/14/09

Collection Date: 04/22/09 DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|---------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 860 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Alpha precision (±) | 11.8 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Alpha MDC | 1.2 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Beta | 324 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Beta precision (±) | 4.7 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Radium 226 | 381 | pCi/L | | | | E903.0 | 05/13/09 23:57 / trs |
| Radium 226 precision (±) | 3.6 | pCi/L | | | | E903.0 | 05/13/09 23:57 / trs |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 05/13/09 23:57 / trs |
| Radium 228 | 6.5 | pCi/L | | | | RA-05 | 05/07/09 10:27 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 05/07/09 10:27 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/07/09 10:27 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.0148 | % | | | | Calculation | 05/01/09 10:50 / kbh |
| Anions | 6.01 | meq/L | | | | Calculation | 05/01/09 10:50 / kbh |
| Cations | 6.01 | meq/L | | | | Calculation | 05/01/09 10:50 / kbh |
| Solids, Total Dissolved Calculated | 376 | mg/L | | | | Calculation | 05/01/09 10:50 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | - | | | | Calculation | 05/01/09 10:50 / kbh |

Report **Definitions:** RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-006

Client Sample ID: MU-104

Report Date: 06/14/09 Collection Date: 04/22/09 DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 72 | mg/L | | 1 | | A2320 B | 04/28/09 18:52 / ljl |
| Carbonate as CO3 | 3 | mg/L | | 1 | | A2320 B | 04/28/09 18:52 / ljl |
| Bicarbonate as HCO3 | 83 | mg/L | | 1 | | A2320 B | 04/28/09 18:52 / ljl |
| Calcium | 53 | mg/L | | 1 | | E200.7 | 04/27/09 18:26 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 04/30/09 03:18 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/28/09 12:33 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 04/27/09 18:26 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/27/09 11:42 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/27/09 11:59 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 04/27/09 18:26 / rdw |
| Silica | 13.8 | mg/L | | 0.2 | | E200.7 | 05/04/09 17:14 / rdw |
| Sodium | 40 | mg/L | | 1 | | E200.7 | 04/27/09 18:26 / rdw |
| Sulfate | 146 | mg/L | | 1 | | E300.0 | 04/30/09 03:18 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 470 | umhos/cm | | 1 | | A2510 B | 04/24/09 12:04 / dd |
| PH | 8.55 | s.u. | | 0.01 | | A4500-H B | 04/24/09 12:04 / dd |
| Solids, Total Dissolved TDS @ 180 C | 318 | mg/L | | 10 | | A2540 C | 04/24/09 14:45 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 23:31 / ts |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 05/01/09 23:31 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 18:26 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 17:14 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/01/09 23:31 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 23:31 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 23:31 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 18:26 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 23:31 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 23:31 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 23:31 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 23:31 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 23:31 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 23:31 / ts |
| Uranium | 0.0561 | mg/L | | 0.0003 | | E200.8 | 05/01/09 23:31 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 18:26 / rdw |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 23:31 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 1.17 | mg/L | D | 0.04 | | E200.7 | 05/11/09 17:37 / cp |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.7 | 05/11/09 17:37 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-006

Client Sample ID: MU-104

Report Date: 06/14/09 Collection Date: 04/22/09 DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 128 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Alpha precision (±) | 4.4 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Alpha MDC | 1.1 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Beta | 46.0 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Beta precision (±) | 2.3 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Radium 226 | 16 | pCi/L | | | | E903.0 | 05/13/09 23:57 / trs |
| Radium 226 precision (±) | 0.72 | pCi/L | | | | E903.0 | 05/13/09 23:57 / trs |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 05/13/09 23:57 / trs |
| Radium 228 | 2.1 | pCi/L | | | | RA-05 | 05/07/09 10:27 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/07/09 10:27 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/07/09 10:27 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.599 | % | | | | Calculation | 05/01/09 10:50 / kbh |
| Anions | 4.66 | meq/L | | | | Calculation | 05/01/09 10:50 / kbh |
| Cations | 4.61 | meq/L | | | | Calculation | 05/01/09 10:50 / kbh |
| Solids, Total Dissolved Calculated | 293 | mg/L | | | | Calculation | 05/01/09 10:50 / kbh |
| TDS Balance (0.80 - 1.20) | 1.09 | - | | | | Calculation | 05/01/09 10:50 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-007

Client Sample ID: MP-107

Report Date: 06/14/09 Collection Date: 04/22/09

DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 127 | mg/L | | 1 | | A2320 B | 04/28/09 18:59 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/28/09 18:59 / ljl |
| Bicarbonate as HCO3 | 155 | mg/L | | 1 | | A2320 B | 04/28/09 18:59 / ljl |
| Calcium | 48 | mg/L | | 1 | | E200.7 | 04/27/09 18:30 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 04/30/09 04:05 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/28/09 12:46 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 04/27/09 18:30 / rdw |
| Nitrogen, Ammonia as N | 0.06 | mg/L | | 0.05 | | E350.1 | 04/27/09 11:43 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.06 | mg/L | | 0.05 | | E353.2 | 04/27/09 12:00 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 04/27/09 18:30 / rdw |
| Silica | 14.0 | mg/L | | 0.2 | | E200.7 | 05/04/09 17:29 / rdw |
| Sodium | 64 | mg/L | | 1 | | E200.7 | 04/27/09 18:30 / rdw |
| Sulfate | 145 | mg/L | | 1 | | E300.0 | 04/30/09 04:05 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 571 | umhos/cm | | 1 | | A2510 B | 04/24/09 12:06 / dd |
| pH | 7.92 | s.u. | | 0.01 | | A4500-H B | 04/24/09 12:06 / dd |
| Solids, Total Dissolved TDS @ 180 C | 361 | mg/L | | 10 | | A2540 C | 04/24/09 14:55 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 23:37 / ts |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/01/09 23:37 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 18:30 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 17:29 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/01/09 23:37 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 23:37 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 23:37 / ts |
| iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 18:30 / rdw |
| Lead | 0.002 | mg/L | | 0.001 | | E200.8 | 05/01/09 23:37 / ts |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.8 | 05/01/09 23:37 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 23:37 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 23:37 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 23:37 / ts |
| Selenium | 0.015 | mg/L | | 0.001 | | E200.8 | 05/01/09 23:37 / ts |
| Uranium | 0.121 | mg/L | | 0.0003 | | E200.8 | 05/01/09 23:37 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 18:30 / rdw |
| Zinc | 0.05 | mg/L | | 0.01 | | E200.8 | 05/01/09 23:37 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 2.47 | mg/L | | 0.03 | | E200.7 | 05/11/09 17:45 / cp |
| Manganese | 0.06 | mg/L | | 0.01 | | E200.7 | 05/11/09 17:45 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-007

Client Sample ID: MP-107

Report Date: 06/14/09 Collection Date: 04/22/09

DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| Atialyses | rtodan | Omis | Quamers | | | | |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 160 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Alpha precision (±) | 5.2 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Alpha MDC | 1.2 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Beta | 45.8 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Beta precision (±) | 2.3 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/15/09 19:16 / cgr |
| Radium 226 | 6.0 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 precision (±) | 0.41 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 MDC | 0.08 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 228 | 0.5 | pCi/L | U | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.87 | % | | | | Calculation | 05/01/09 10:51 / kbh |
| Anions | 5.74 | meq/L | | | | Calculation | 05/01/09 10:51 / kbh |
| Cations | 5.42 | meq/L | | | | Calculation | 05/01/09 10:51 / kbh |
| Solids, Total Dissolved Calculated | 344 | mg/L | | | | Calculation | 05/01/09 10:51 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | - | | | | Calculation | 05/01/09 10:51 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-008

Client Sample ID: MU-107

Report Date: 06/14/09 Collection Date: 04/22/09

DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 87 | mg/L | | 1 | | A2320 B | 04/28/09 19:06 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/28/09 19:06 / Ijl |
| Bicarbonate as HCO3 | 106 | mg/L | | 1 | | A2320 B | 04/28/09 19:06 / ljl |
| Calcium | 52 | mg/L | | 1 | | E200.7 | 04/27/09 18:35 / rdw |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 04/30/09 04:20 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 04/28/09 12:48 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 04/27/09 18:35 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/27/09 11:45 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/27/09 13:04 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 04/27/09 18:35 / rdw |
| Silica | 13.3 | mg/L | | 0.2 | | E200.7 | 05/04/09 17:49 / rdw |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 04/27/09 18:35 / rdw |
| Sulfate | 114 | mg/L | | 1 | | E300.0 | 04/30/09 04:20 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 425 | umhos/cm | | 1 | | A2510 B | 04/24/09 12:08 / dd |
| pH | 8.25 | s.u. | | 0.01 | | A4500-H B | 04/24/09 12:08 / dd |
| Solids, Total Dissolved TDS @ 180 C | 276 | mg/L | | 10 | | A2540 C | 04/24/09 14:55 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 23:44 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/01/09 23:44 / ts |
| Barium | NĐ | mg/L | | 0.1 | | E200.7 | 04/27/09 18:35 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 17:49 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/01/09 23:44 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 23:44 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 23:44 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 18:35 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 23:44 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 23:44 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 23:44 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 23:44 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 23:44 / ts |
| Selenium | 0.012 | mg/L | | 0.001 | | E200.8 | 05/01/09 23:44 / ts |
| Uranium | 0.0184 | mg/L | | 0.0003 | | E200.8 | 05/22/09 23:28 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 18:35 / rdw |
| Zinc | ND | mg/L | D | 0.03 | | E200.7 | 05/22/09 13:38 / cp |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/06/09 18:40 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/06/09 18:40 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-008

Client Sample ID: MU-107

Report Date: 06/14/09

Collection Date: 04/22/09

DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 52.6 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Gross Alpha precision (±) | 2.8 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Gross Alpha MDC | 1.1 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Gross Beta | 19.6 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/15/09 19:17 / cgr |
| Radium 226 | 7.6 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 precision (±) | 0.46 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 MDC | 0.08 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 228 | 4.4 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.723 | % | | | | Calculation | 05/01/09 10:52 / kbh |
| Anions | 4.25 | meq/L | | | | Calculation | 05/01/09 10:52 / kbh |
| Cations | 4.31 | meq/L | | | | Calculation | 05/01/09 10:52 / kbh |
| Solids, Total Dissolved Calculated | 261 | mg/L | | | | Calculation | 05/01/09 10:52 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | - | | | | Calculation | 05/01/09 10:52 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek C09040800-009

Client Sample ID: MO-107

Report Date: 06/14/09 Collection Date: 04/22/09

DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 105 | mg/L | | 1 | | A2320 B | 04/28/09 19:14 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/28/09 19:14 / ljl |
| Bicarbonate as HCO3 | 128 | mg/L | | 1 | | A2320 B | 04/28/09 19:14 / ljl |
| Calcium | 52 | mg/L | | 1 | | E200.7 | 04/27/09 18:39 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/30/09 04:35 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/28/09 12:52 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 04/27/09 18:39 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/27/09 11:46 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/27/09 13:06 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 04/27/09 18:39 / rdw |
| Silica | 13.1 | mg/L | | 0.2 | | E200.7 | 05/04/09 17:54 / rdw |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 04/27/09 18:39 / rdw |
| Sulfate | 115 | mg/L | | 1 | | E300.0 | 04/30/09 04:35 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 458 | umhos/cm | | 1 | | A2510 B | 04/24/09 12:09 / dd |
| Hq | 8.01 | s.u. | | 0.01 | | A4500-H B | 04/24/09 12:09 / dd |
| Solids, Total Dissolved TDS @ 180 C | 298 | mg/L | | 10 | | A2540 C | 04/24/09 14:55 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 23:51 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/01/09 23:51 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 18:39 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 17:54 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/01/09 23:51 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 23:51 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 23:51 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 18:39 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 23:51 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 23:51 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 23:51 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 23:51 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 23:51 / ts |
| Selenium | 0.012 | mg/L | | 0.001 | | E200.8 | 05/01/09 23:51 / ts |
| Uranium | 0.430 | mg/L | | 0.0003 | | E200.8 | 05/01/09 23:51 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 18:39 / rdw |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 05/01/09 23:51 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/11/09 17:49 / cp |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.7 | 05/11/09 17:49 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-009

Client Sample ID: MO-107

Report Date: 06/14/09

Collection Date: 04/22/09 DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | · · · | | | | |
| Gross Alpha | 383 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Alpha precision (±) | 7.6 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Alpha MDC | 1.1 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Beta | 124 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Beta precision (±) | 3.1 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Radium 226 | 8.1 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 precision (±) | 0.48 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 MDC | 0.09 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 228 | 1.6 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.74 | % | | | | Calculation | 05/01/09 10:52 / kbh |
| Anions | 4.63 | meq/L | | | | Calculation | 05/01/09 10:52 / kbh |
| Cations | 4.30 | meq/L | | | | Calculation | 05/01/09 10:52 / kbh |
| Solids, Total Dissolved Calculated | 273 | mg/L | | | | Calculation | 05/01/09 10:52 / kbh |
| TDS Balance (0.80 - 1.20) | 1.09 | - | | | | Calculation | 05/01/09 10:52 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-010

Client Sample ID: MP-108

Report Date: 06/14/09 Collection Date: 04/22/09

DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 111 | mg/L | | 1 | | A2320 B | 04/28/09 19:21 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/28/09 19:21 / ljl |
| Bicarbonate as HCO3 | 136 | mg/L | | 1 | | A2320 B | 04/28/09 19:21 / ljl |
| Calcium | 63 | mg/L | | 1 | | E200.7 | 04/27/09 18:43 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 04/30/09 04:51 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/28/09 13:00 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 04/27/09 18:43 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/27/09 11:47 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/27/09 13:07 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 04/27/09 18:43 / rdw |
| Silica | 14.4 | mg/L | | 0.2 | | E200.7 | 05/04/09 17:59 / rdw |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 04/27/09 18:43 / rdw |
| Sulfate | 141 | mg/L | | 1 | | E300.0 | 04/30/09 04:51 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 523 | umhos/cm | | 1 | | A2510 B | 04/24/09 12:11 / dd |
| pH | 7.93 | s.u. | | 0.01 | | A4500-H B | 04/24/09 12:11 / dd |
| Solids, Total Dissolved TDS @ 180 C | 347 | mg/L | | 10 | | A2540 C | 04/24/09 14:56 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 23:58 / ts |
| Arsenic | 0.008 | mg/L | | 0.001 | | E200.8 | 05/01/09 23:58 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 18:43 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 17:59 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/01/09 23:58 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 23:58 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 23:58 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 18:43 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 23:58 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/01/09 23:58 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/01/09 23:58 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/01/09 23:58 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/01/09 23:58 / ts |
| Selenium | 0.005 | mg/L | | 0.001 | | E200.8 | 05/01/09 23:58 / ts |
| Uranium | 0.155 | mg/L | | 0.0003 | | E200.8 | 05/01/09 23:58 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 18:43 / rdw |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/01/09 23:58 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/06/09 18:44 / cp |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 05/06/09 18:44 / cp |
| Thorium 232 | ND | mg/L | | 0.001 | | E200.8 | 05/14/09 02:27 / ts |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Report Date: 06/14/09

Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

Collection Date: 04/22/09 C09040800-010 DateReceived: 04/23/09 Matrix: Aqueous Client Sample ID: MP-108

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-------------|----|-------------|-------------|----------------------|
| | | | Qualificity | | | | |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 265 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Alpha precision (±) | 6.4 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Alpha MDC | 1.2 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Beta | 128 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Beta precision (±) | 3.2 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Radium 226 | 66 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 precision (±) | 1.4 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 MDC | 0.09 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 228 | 1.5 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.13 | % | | | | Calculation | 05/01/09 10:58 / kbh |
| Anions | 5.31 | meq/L | | | | Calculation | 05/01/09 10:58 / kbh |
| Cations | 4.89 | meg/L | | | | Calculation | 05/01/09 10:58 / kbh |
| Solids, Total Dissolved Calculated | 314 | mg/L | | | | Calculation | 05/01/09 10:58 / kbh |
| TDS Balance (0.80 - 1.20) | 1.11 | • | | | | Calculation | 05/01/09 10:58 / kbh |

Report **Definitions:** RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-011

Client Sample ID: MO-108

Report Date: 06/14/09 Collection Date: 04/22/09 DateReceived: 04/23/09

Matrix: Aqueous

| Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------|----------------------|-------------|-------------|------------------|---|
| Jinto . | - Andilliel 3 | 114 | | | , 2.0 24.0 1 25 |
| | | | | | 0.1100.100.10.00.1.17 |
| ng/L | | 1 | | A2320 B | 04/28/09 19:28 / ljl |
| ng/L | | 1 | | A2320 B | 04/28/09 19:28 / ljl |
| ng/L | | 1 | | A2320 B | 04/28/09 19:28 / ljl |
| ng/L | | 1 | | E200.7 | 04/27/09 19:01 / rdw |
| ng/L | | 1 | | E300.0 | 04/30/09 05:06 / ljl |
| ng/L | | 0.1 | | A4500-F C | 04/28/09 13:02 / Iji |
| ng/L | | 1 | | E200.7 | 04/27/09 19:01 / rdw |
| ng/L | | 0.05 | | E350.1 | 04/27/09 11:48 / eli-b |
| ng/L | | 0.05 | | E353.2 | 04/27/09 13:08 / eli-b |
| ng/L | | 1 | | E200.7 | 04/27/09 19:01 / rdw |
| ng/L | | 0.2 | | E200.7 | 05/04/09 18:05 / rdw |
| ng/L | | 1 | | E200.7 | 04/27/09 19:01 / rdw |
| ng/L | | 1 | | E300.0 | 04/30/09 05:06 / ljl |
| | | | | | |
| umhos/cm | | 1 | | A2510 B | 04/24/09 12:13 / dd |
| s.u. | | 0.01 | | A4500-H B | 04/24/09 12:13 / dd |
| mg/L | | 10 | | A2540 C | 04/24/09 14:56 / rp |
| | | | | | |
| ng/L | | 0.1 | | E200.8 | 05/02/09 00:18 / ts |
| ng/L | | 0.001 | | E200.8 | 05/02/09 00:18 / ts |
| ng/L | | 0.1 | | E200.7 | 04/27/09 19:01 / rdw |
| ng/L | | 0.1 | | E200.7 | 05/04/09 18:05 / rdw |
| ng/L | | 0.005 | | E200.8 | 05/02/09 00:18 / ts |
| ng/L | | 0.05 | | E200.8 | 05/02/09 00:18 / ts |
| ng/L | | 0.01 | | E200.8 | 05/02/09 00:18 / ts |
| ng/L | | 0.03 | | E200.7 | 04/27/09 19:01 / rdw |
| ng/L | | 0.001 | | E200.8 | 05/02/09 00:18 / ts |
| ng/L | | 0.01 | | E200.8 | 05/02/09 00:18 / ts |
| ng/L | | 0.001 | | E200.8 | 05/02/09 00:18 / ts |
| ng/L ng/L | | 0.001 | | E200.8 | 05/02/09 00:18 / ts |
| • | | 0.05 | | E200.8 | 05/02/09 00:18 / ts |
| ng/L | | | | E200.8 | |
| ng/L | | 0.001 | | | 05/02/09 00:18 / ts |
| ng/L | | 0.0003 | | E200.8 | 05/02/09 00:18 / ts |
| ng/L ng/L | | 0.1 0.01 | | E200.7 E200.8 | 04/27/09 19:01 / rdw 05/02/09 00:18 / ts |
| J | | | | | - |
| ma/l | n | 0.07 | | E200.7 | 05/06/09 18:48 / cp |
| - | U | | | | 05/06/09 18:48 / cp |
| ĭ | ng/L ng/L ng/L | ng/L D | ng/L D 0.07 | ng/L D 0.07 | ng/L D 0.07 E200.7 |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek

C09040800-011

Client Sample ID: MO-108

Report Date: 06/14/09 Collection Date: 04/22/09 DateReceived: 04/23/09 Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 402 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Alpha precision (±) | 7.9 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Alpha MDC | 1.1 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Beta | 137 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Beta precision (±) | 3.3 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Radium 226 | 8.7 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 precision (±) | 0.50 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 MDC | 0.09 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 228 | 2.0 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.93 | % | | | | Calculation | 05/01/09 10:59 / kbh |
| Anions | 4.85 | meq/L | | | | Calculation | 05/01/09 10:59 / kbh |
| Cations | 4.67 | meq/L | | | | Calculation | 05/01/09 10:59 / kbh |
| Solids, Total Dissolved Calculated | 288 | mg/L | | | | Calculation | 05/01/09 10:59 / kbh |
| TDS Balance (0.80 - 1.20) | 1.10 | • | | | | Calculation | 05/01/09 10:59 / kbh |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client: **UR Energy USA Inc**

Project: Lost Creek Lab ID: C09040800-012

Client Sample ID: MU-109

Collection Date: 04/22/09 DateReceived: 04/23/09

Report Date: 06/14/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--|--------|----------|------------|---------------------------------------|-------------|--------------------|------------------------|
| MAJOR IONS | | | | · · · · · · · · · · · · · · · · · · · | | | |
| Alkalinity, Total as CaCO3 | 48 | mg/L | | 1 | | A2320 B | 04/28/09 19:50 / ljl |
| Carbonate as CO3 | 14 | mg/L | | 1 | | A2320 B A2320 B | 04/28/09 19:50 / ljl |
| Bicarbonate as HCO3 | 30 | mg/L | В | 1 | | A2320 B A2320 B | 04/28/09 19:50 / lji |
| Calcium | 22 | mg/L | Ь | 1 | | E200.7 | 04/27/09 19:05 / rdw |
| Chloride | 10 | mg/L | | 1 | | E300.7 | 04/30/09 05:52 / Ijl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/28/09 13:05 / Iji |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 04/27/09 19:05 / rdw |
| Nitrogen, Ammonia as N | 0.12 | mg/L | | 0.05 | | E350.1 | 04/27/09 11:52 / eli-b |
| 5 . | ND | mg/L | | 0.05 | | E353.2 | 04/27/09 13:15 / eli-b |
| Nitrogen, Nitrate+Nitrite as N Potassium | 20 | mg/L | | 1 | | E333.2 E200.7 | 04/27/09 19:05 / rdw |
| Silica | 10.3 | mg/L | | 0.2 | | E200.7 | 05/04/09 18:10 / rdw |
| Sodium | 42 | mg/L | | 1 | | E200.7 | 04/27/09 19:05 / rdw |
| Sulfate | 105 | • | | 1 | | E300.7 | 04/30/09 05:52 / ljl |
| Sullate | 105 | mg/L | | 1 | | ⊑300.0 | 04/30/09 05.52 / iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 395 | umhos/cm | | 1 | | A2510 B | 04/24/09 12:16 / dd |
| pH | 9.77 | s.u. | | 0.01 | | A4500-H B | 04/24/09 12:16 / dd |
| Solids, Total Dissolved TDS @ 180 C | 252 | mg/L | | 10 | | A2540 C | 04/24/09 16:03 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 00:52 / ts |
| Arsenic | 0.019 | mg/L | | 0.001 | | E200.8 | 05/02/09 00:52 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 19:05 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 18:10 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 00:52 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 00:52 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 00:52 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 19:05 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 00:52 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 00:52 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 00:52 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 00:52 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 00:52 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 00:52 / ts |
| Uranium | 0.0211 | mg/L | | 0.0003 | | E200.8 | 05/02/09 00:52 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 19:05 / rdw |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 00:52 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.04 | | E200.7 | 05/11/09 17:53 / cp |
| Manganese | ND | mg/L | - | 0.01 | | E200.7 | 05/11/09 17:53 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-012

Client Sample ID: MU-109

Report Date: 06/14/09

Collection Date: 04/22/09 DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 36.1 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Alpha precision (±) | 2.3 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Alpha MDC | 1 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Beta | 28.8 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Radium 226 | 2.0 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 precision (±) | 0.24 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 MDC | 0.08 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 228 | 1.9 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.0544 | % | | | | Calculation | 05/01/09 10:59 / kbh |
| Anions | 3.43 | meq/L | | | | Calculation | 05/01/09 10:59 / kbh |
| Cations | 3.44 | meq/L | | | | Calculation | 05/01/09 10:59 / kbh |
| Solids, Total Dissolved Calculated | 228 | mg/L | | | | Calculation | 05/01/09 10:59 / kbh |
| TDS Balance (0.80 - 1.20) | 1.11 | - | | | | Calculation | 05/01/09 10:59 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-013

Client Sample ID: MO-109

Report Date: 06/14/09 Collection Date: 04/22/09

DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|-------------|--------------|------------|--------|-------------|------------------|---|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 100 | mg/L | | 1 | | A2320 B | 04/28/09 20:21 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/28/09 20:21 / ljl |
| Bicarbonate as HCO3 | 123 | mg/L | | 1 | | A2320 B | 04/28/09 20:21 / ljl |
| Calcium | 55 | mg/L | | 1 | | E200.7 | 04/27/09 19:09 / rdw |
| Chloride | 8 | mg/L | | 1 | | E300.0 | 04/30/09 06:08 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/28/09 13:08 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 04/27/09 19:09 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/27/09 11:55 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.16 | mg/L | | 0.05 | | E353.2 | 04/27/09 13:32 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 04/27/09 19:09 / rdw |
| Silica | 14.1 | mg/L | | 0.2 | | E200.7 | 05/04/09 18:15 / rdw |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 04/27/09 19:09 / rdw |
| Sulfate | 120 | mg/L | | 1 | | E300.0 | 04/30/09 06:08 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 479 | umhos/cm | | 1 | | A2510 B | 04/24/09 13:55 / dd |
| pH | 7.65 | s.u. | | 0.01 | | A4500-H B | 04/24/09 13:55 / dd |
| Solids, Total Dissolved TDS @ 180 C | 310 | mg/L | | 10 | | A2540 C | 04/24/09 16:03 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 00:59 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 00:59 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 19:09 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 18:15 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 00:59 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 00:59 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 00:59 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 19:09 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.7 | 05/02/09 00:59 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 00:59 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 00:59 / ts |
| Molybdenum | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 00:59 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 00:59 / ts |
| Selenium | 0.025 | Ū | | 0.001 | | E200.8 | 05/02/09 00:59 / ts |
| Gelenium Uranium | 0.025 | mg/L mg/L | | 0.0001 | | E200.8 | 05/02/09 00:59 / ts |
| Oranium Vanadium | 0.376 ND | mg/L | ' | 0.0003 | | E200.8 E200.7 | 05/02/09 00:59 / ts 04/27/09 19:09 / rdw |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 05/02/09 00:59 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/06/09 18:52 / cp |
| Manganese | ND | mg/L | _ | 0.01 | | E200.7 | 05/06/09 18:52 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek

C09040800-013

Client Sample ID: MO-109

Report Date: 06/14/09 Collection Date: 04/22/09 DateReceived: 04/23/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 371 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Alpha precision (±) | 7.5 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Alpha MDC | 1.1 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Beta | 116 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Beta precision (±) | 3.0 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Radium 226 | 4.0 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 precision (±) | 0.32 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 MDC | 0.08 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 228 | 2.5 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.04 | % | | | | Calculation | 05/01/09 11:00 / kbh |
| Anions | 4.76 | meq/L | | | | Calculation | 05/01/09 11:00 / kbh |
| Cations | 4.57 | meq/L | | | | Calculation | 05/01/09 11:00 / kbh |
| Solids, Total Dissolved Calculated | 286 | mg/L | | | | Calculation | 05/01/09 11:00 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | - | | | | Calculation | 05/01/09 11:00 / kbh |

Report **Definitions:** RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-014

Client Sample ID: MP-109

Report Date: 06/14/09 Collection Date: 04/22/09 DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--|-----------|----------|------------|--------|-------------|------------------|------------------------|
| MAJOR IONS | | | | | | | - |
| Alkalinity, Total as CaCO3 | 300 | mg/L | | 1 | | A2320 B | 04/28/09 20:29 / lil |
| Carbonate as CO3 | 30 | mg/L | | 1 | | A2320 B | 04/28/09 20:29 / Ijl |
| Bicarbonate as HCO3 | ND | mg/L | | 1 | | A2320 B | 04/28/09 20:29 / Ijl |
| Calcium | 103 | mg/L | | 1 | | E200.7 | 04/27/09 19:18 / rdw |
| Chloride | 44 | mg/L | | 1 | | E300.0 | 04/30/09 06:23 / lil |
| Fluoride | 0.4 | mg/L | | 0.1 | | A4500-F C | 04/28/09 13:12 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 04/27/09 19:18 / rdw |
| • | 0.88 | mg/L | | 0.05 | | E350.1 | 04/27/09 11:57 / eli-b |
| Nitrogen, Ammonia as N Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/27/09 13:33 / eli-b |
| | 43 | _ | | 1 | | E200.7 | 04/27/09 19:18 / rdw |
| Potassium | | mg/L | D | 0.3 | | E200.7 E200.7 | 05/04/09 18:20 / rdw |
| Silica | 6.4 62 | mg/L | ט | | | E200.7 E200.7 | 04/27/09 19:18 / rdw |
| Sodium | 66 | mg/L | | 1 | | | |
| Sulfate | 90 | mg/L | | 1 | | E300.0 | 04/30/09 06:23 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 1870 | umhos/cm | | 1 | | A2510 B | 04/24/09 13:57 / dd |
| рН | 12.0 | s.u. | | 0.01 | | A4500-H B | 04/24/09 13:57 / dd |
| Solids, Total Dissolved TDS @ 180 C | 565 | mg/L | | 10 | | A2540 C | 04/24/09 16:04 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | 1.3 | mg/L | | 0.1 | | E200.8 | 05/02/09 01:05 / ts |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/02/09 01:05 / ts |
| Barium | 0.2 | mg/L | | 0.1 | | E200.7 | 04/27/09 19:18 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 18:20 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 01:05 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 01:05 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 01:05 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 19:18 / rdw |
| Lead | 0.002 | mg/L | | 0.001 | | E200.8 | 05/02/09 01:05 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 01:05 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 01:05 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 01:05 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 01:05 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 01:05 / ts |
| Uranium | 0.0156 | mg/L | | 0.0003 | | E200.8 | 05/02/09 01:05 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 19:18 / rdw |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 01:05 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/11/09 17:57 / cp |
| Manganese | ND | mg/L | _ | 0.01 | | E200.7 | 05/11/09 17:57 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-014

Client Sample ID: MP-109

Report Date: 06/14/09

Collection Date: 04/22/09 DateReceived: 04/23/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 106 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Alpha precision (±) | 6.4 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Alpha MDC | 2.7 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Beta | 78.4 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Beta precision (±) | 5.1 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Beta MDC | 6.4 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Radium 226 | 31 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 precision (±) | 0.88 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 MDC | 0.08 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 228 | 2.8 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 MDC | 1 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 1.76 | % | | | | Calculation | 05/01/09 11:03 / kbh |
| Anions | 8.65 | meq/L | | | | Calculation | 05/01/09 11:03 / kbh |
| Cations | 8.96 | meq/L | | | | Calculation | 05/01/09 11:03 / kbh |
| Solids, Total Dissolved Calculated | 498 | mg/L | | | | Calculation | 05/01/09 11:03 / kbh |
| TDS Balance (0.80 - 1.20) | 1.13 | | | | | Calculation | 05/01/09 11:03 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-015

Client Sample ID: MP-113

Report Date: 06/14/09 Collection Date: 04/22/09

DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 101 | mg/L | | 1 | | A2320 B | 04/28/09 20:37 / ljl |
| Carbonate as CO3 | 9 | mg/L | | 1 | | A2320 B | 04/28/09 20:37 / ljl |
| Bicarbonate as HCO3 | 106 | mg/L | | 1 | | A2320 B | 04/28/09 20:37 / ljl |
| Calcium | 66 | mg/L | | 1 | | E200.7 | 04/27/09 19:31 / rdw |
| Chloride | 20 | mg/L | | 1 | | E300.0 | 04/30/09 06:39 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/28/09 13:15 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 04/27/09 19:31 / rdw |
| Nitrogen, Ammonia as N | 0.08 | mg/L | | 0.05 | | E350.1 | 04/27/09 11:58 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/27/09 13:34 / eli-b |
| Potassium | 7 | mg/L | | 1 | | E200.7 | 04/27/09 19:31 / rdw |
| Silica | 12.6 | mg/L | | 0.2 | | E200.7 | 05/04/09 18:30 / rdw |
| Sodium | 40 | mg/L | | 1 | | E200.7 | 04/27/09 19:31 / rdw |
| Sulfate | 143 | mg/L | | 1 | | E300.0 | 04/30/09 06:39 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 567 | umhos/cm | | 1 | | A2510 B | 04/24/09 13:59 / dd |
| pH | 8.95 | s.u. | | 0.01 | | A4500-H B | 04/24/09 13:59 / dd |
| Solids, Total Dissolved TDS @ 180 C | 375 | mg/L | | 10 | | A2540 C | 04/24/09 16:04 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 12:47 / cp |
| Arsenic | 0.006 | mg/L | L | 0.002 | | E200.8 | 05/06/09 13:39 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 19:31 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 18:30 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 13:39 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 13:39 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 13:39 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 19:31 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 13:39 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/01/09 20:11 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 13:39 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 13:39 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 13:39 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 13:39 / ts |
| Uranium | 0.184 | mg/L | | 0.0003 | | E200.8 | 05/06/09 13:39 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 19:31 / rdw |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 13:39 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/06/09 18:56 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/06/09 18:56 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

L - Lowest available reporting limit for the analytical methoc used.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID: Client Sample ID: MP-113

C09040800-015

Report Date: 06/14/09

Collection Date: 04/22/09 DateReceived: 04/23/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 1270 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Alpha precision (±) | 14.5 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Alpha MDC | 1.2 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Beta | 466 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Beta precision (±) | 5.5 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Radium 226 | 515 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 precision (±) | 3.7 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 MDC | 0.08 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 228 | 4.6 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.13 | % | | | | Calculation | 05/01/09 11:07 / kbh |
| Anions | 5.57 | meg/L | | | | Calculation | 05/01/09 11:07 / kbh |
| Cations | 5.45 | meq/L | | | | Calculation | 05/01/09 11:07 / kbh |
| Solids, Total Dissolved Calculated | 340 | mg/L | | | | Calculation | 05/01/09 11:07 / kbh |
| TDS Balance (0.80 - 1.20) | 1.10 | - | | | | Calculation | 05/01/09 11:07 / kbh |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-016

Client Sample ID: M-134

Report Date: 06/14/09

Collection Date: 04/22/09 DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|--------------|------------|--------|-------------|------------------|----------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 2 | mg/L | В | 1 | | A2320 B | 04/28/09 20:42 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/28/09 20:42 / Ijl |
| Bicarbonate as HCO3 | 2 | mg/L | В | 1 | | A2320 B | 04/28/09 20:42 / Iji |
| Calcium | ND | mg/L | | 1 | | E200.7 | 04/27/09 19:35 / rdw |
| Chloride | ND | mg/L | | 1 | | E300.0 | 04/30/09 06:54 / ljl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 04/28/09 13:22 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 04/27/09 19:35 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/27/09 11:59 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/27/09 13:28 / eli-b |
| Potassium | ND | mg/L | | 1 | | E200.7 | 04/27/09 19:35 / rdw |
| Silica | ND | mg/L | | 0.2 | | E200.7 | 05/04/09 18:25 / rdw |
| Sodium | ND | mg/L | | 1 | | E200.7 | 04/27/09 19:35 / rdw |
| Sulfate | ND | mg/L | | 1 | | E300.0 | 04/30/09 06:54 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 3 | umhos/cm | В | 1 | | A2510 B | 04/24/09 14:04 / dd |
| pH | 7.49 | s.u. | _ | 0.01 | | A4500-H B | 04/24/09 14:04 / dd |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | | 10 | | A2540 C | 04/24/09 16:04 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 01:19 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 01:19 / ts |
| Barium | ND | mg/L | | 0.001 | | E200.7 | 04/27/09 19:35 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 18:25 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.7 | 05/02/09 01:19 / ts |
| Chromium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 01:19 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 01:19 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 19:35 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.7 | 05/02/09 01:19 / ts |
| Manganese Manganese | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 01:19 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 01:19 / ts |
| Molybdenum | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 01:19 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 01:19 / ts |
| Selenium | ND | - | | 0.001 | | E200.8 | 05/02/09 01:19 / ts |
| Uranium Uranium | ND | mg/L mg/L | | 0.001 | | E200.8 | 05/02/09 01:19 / ts |
| Vanadium | ND | mg/L | | 0.0003 | | E200.8 E200.7 | 04/27/09 19:35 / rdw |
| Zinc | ND | mg/L | | 0.01 | | E200.7 | 05/02/09 01:19 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/06/09 19:00 / cp |
| Manganese | ND | mg/L | D | 0.07 | | E200.7 E200.7 | 05/06/09 19:00 / cp |
| manganooo | ND | nig/L | | 5.01 | | L200.1 | <i>55/00/03</i> 18.00 / ср |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-016

Client Sample ID: M-134

Report Date: 06/14/09

Collection Date: 04/22/09

DateReceived: 04/23/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---------------------------|--------|-------|------------|-----|-------------|-------------|----------------------|
| Analyses | Result | Onics | Quaimers | KL. | - QOL | Metriod | Alialysis Date / by |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 2.2 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Alpha MDC | 0.7 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Beta | -0.8 | pCi/L | U | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Beta precision (±) | 1.5 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 05/16/09 08:59 / cgr |
| Radium 226 | 0.24 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 precision (±) | 0.09 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 226 MDC | 0.08 | pCi/L | | | | E903.0 | 05/13/09 23:50 / trs |
| Radium 228 | -0.3 | pCi/L | บ | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 precision (±) | 0.6 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/08/09 12:57 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -22.9 | % | | | | Calculation | 05/01/09 13:11 / kbh |
| Anions | 0.0389 | meg/L | | | | Calculation | 05/01/09 13:11 / kbh |
| Cations | 0.0244 | meg/L | | | | Calculation | 05/01/09 13:11 / kbh |

⁻ The ion balance is not appropriate for near blank results.

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-017

Client Sample ID: M-133

Report Date: 06/14/09

Collection Date: 04/22/09 DateReceived: 04/23/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 87 | mg/L | | 1 | | A2320 B | 04/28/09 20:49 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/28/09 20:49 / ljl |
| Bicarbonate as HCO3 | 107 | mg/L | | 1 | | A2320 B | 04/28/09 20:49 / ljl |
| Calcium | 44 | mg/L | | 1 | | E200.7 | 04/27/09 19:40 / rdw |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 04/30/09 18:12 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 04/28/09 13:38 / lįl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 04/27/09 19:40 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/27/09 12:00 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/27/09 13:02 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 04/27/09 19:40 / rdw |
| Silica | 14.3 | mg/L | | 0.2 | | E200.7 | 05/04/09 19:00 / rdw |
| Sodium | 35 | mg/L | | 1 | | E200.7 | 04/27/09 19:40 / rdw |
| Sulfate | 114 | mg/L | | 1 | | E300.0 | 04/30/09 18:12 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 424 | umhos/cm | | 1 | | A2510 B | 04/24/09 14:05 / dd |
| pH | 8.28 | s.u. | | 0.01 | | A4500-H B | 04/24/09 14:05 / dd |
| Solids, Total Dissolved TDS @ 180 C | 282 | mg/L | | 10 | | A2540 C | 04/24/09 16:04 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 01:26 / ts |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 05/02/09 01:26 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 04/27/09 19:40 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 19:00 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 01:26 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 01:26 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 01:26 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 04/27/09 19:40 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 01:26 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 01:26 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 01:26 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 01:26 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 01:26 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 01:26 / ts |
| Uranium | 0.0186 | mg/L | | 0.0001 | | E200.8 | 05/02/09 01:26 / ts |
| Vanadium | ND | mg/L | · | 0.1 | | E200.7 | 04/27/09 19:40 / rdw |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 05/02/09 01:26 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/06/09 19:13 / cp |
| Manganese | ND | mg/L | - | 0.01 | | E200.7 | 05/06/09 19:13 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040800-017

Client Sample ID: M-133

Report Date: 06/14/09

Collection Date: 04/22/09

DateReceived: 04/23/09 Matrix: Aqueous

| Analyses | Dogult | 11-14- | 0 | ъ. | MCL/ | | Amalusia Data / Bu |
|------------------------------------|--------|--------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 51.0 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Alpha precision (±) | 2.8 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Alpha MDC | 1.1 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Beta | 18.2 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/16/09 09:00 / cgr |
| Radium 226 | 7.2 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 226 precision (±) | 0.51 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 228 | 5.6 | pCi/L | | | | RA-05 | 05/08/09 15:16 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 05/08/09 15:16 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/08/09 15:16 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.56 | % | | | | Calculation | 05/05/09 09:04 / kbh |
| Anions | 4.24 | meq/L | | | | Calculation | 05/05/09 09:04 / kbh |
| Cations | 3.95 | meq/L | | | | Calculation | 05/05/09 09:04 / kbh |
| Solids, Total Dissolved Calculated | 273 | mg/L | | | | Calculation | 05/05/09 09:04 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | | | | | Calculation | 05/05/09 09:04 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



UR Energy USA Inc

Report Date: 06/14/09

Project: Lost Creek

Work Order: C09040800

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-------------------|----------------------|------|------|-----------|---------------|----------|-------------|------------|
| Method: A2320 B | | | | | | | | Batch: | R117471 |
| Sample ID: MBLK | Method Blank | | | | Run: MAN | TECH_090428B | | 04/28 | 3/09 16:24 |
| Alkalinity, Total as CaCO3 | 4 | mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | ND | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | 5 | mg/L | 1 | | | | | | |
| Sample ID: LCS1 | Laboratory Co | ntrol Sample | | | Run: MAN | TECH_090428B | | 04/28 | 3/09 16:39 |
| Alkalinity, Total as CaCO3 | 210 | mg/L | 5.0 | 103 | 90 | 110 | | | |
| Sample ID: LCS | Laboratory Co | ntrol Sample | | | Run: MAN | TECH_090428B | | 04/28 | 3/09 16:46 |
| Alkalinity, Total as CaCO3 | 53.3 | mg/L | 5.0 | 99 | 90 | 110 | | | |
| Sample ID: C09040800-001AMS | Sample Matrix | Spike | | | Run: MAN | TECH_090428B | | 04/28 | 3/09 18:00 |
| Alkalinity, Total as CaCO3 | 235 | mg/L | 5.0 | 102 | 80 | 120 | | | |
| Sample ID: C09040800-001AMSD | Sample Matrix | Spike Duplicate | | | Run: MAN | TECH_090428B | | 04/28 | 3/09 18:07 |
| Alkalinity, Total as CaCO3 | 237 | mg/L | 5.0 | 104 | 80 | 120 | 0.8 | 20 | |
| Sample ID: C09040800-011AMS | Sample Matrix | Spike | | | Run: MAN | TECH_090428B | | 04/28 | 3/09 19:35 |
| Alkalinity, Total as CaCO3 | 236 | mg/L | 5.0 | 101 | 80 | 120 | | | |
| Sample ID: C09040800-011AMSD | Sample Matrix | Spike Duplicate | | | Run: MAN | TECH_090428B | | 04/28 | 3/09 19:43 |
| Alkalinity, Total as CaCO3 | 239 | mg/L | 5.0 | 103 | 80 | 120 | 1.3 | 20 | |
| Method: A2510 B | | | | | | Analytica | l Run: 0 | ORION555A_ | _090424A |
| Sample ID: ICV2_090424_1 | Initial Calibrati | on Verification Stan | dard | | | | | 04/24 | 1/09 11:03 |
| Conductivity | 1500 ເ | ımhos/cm | 1.0 | 106 | 90 | 110 | | | |
| Method: A2510 B | | | | | | Bat | ch: 090 |)424_1_PH-V | V_555A-1 |
| Sample ID: MBLK1_090424_1 | Method Blank | | | | Run: ORIC | N555A_090424A | | 04/24 | 1/09 11:00 |
| Conductivity | 0.5 ι | ımhos/cm | 0.2 | | | | | | |
| Sample ID: C09040800-001ADUP | Sample Duplic | ate | | | Run: ORIC | N555A_090424A | | 04/24 | 1/09 11:46 |
| Conductivity | 471 ι | mhos/cm | 1.0 | | | | 0.2 | 10 | |
| Sample ID: C09040800-011ADUP | Sample Duplic | ate | | | Run: ORIC | N555A_090424A | | 04/24 | 1/09 12:15 |
| Conductivity | 480 u | imhos/cm | 1.0 | | | | 0 | 10 | |
| | | | | | | | | | |



Client: UR Energy USA Inc

Report Date: 06/14/09

Project: Lost Creek

Work Order: C09040800

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|-------------------|---------------------|-------|---|-----------|---------------|---------|-------------|------------|
| Method: A2510 B | | | | | | Analytica | l Run: | ORION555A | _090424B |
| Sample ID: ICV2_090424_2 | Initial Calibrati | on Verification Sta | ndard | | | | | 04/24 | 1/09 13:53 |
| Conductivity | 1500 ι | ımhos/cm | 1.0 | 106 | 90 | 110 | | | |
| Method: A2510 B | | | | | | Bat | ch: 090 | 0424_2_PH-V | V_555A-1 |
| Sample ID: MBLK1_090424_2 | Method Blank | | | | Run: ORIC | N555A_090424B | | 04/24 | 1/09 13:47 |
| Conductivity | 2 ι | ımhos/cm | 0.2 | | | | | | |
| Sample ID: C09040827-010ADUP | Sample Duplic | cate | | | Run: ORIC | N555A_090424B | | 04/24 | 1/09 15:03 |
| Conductivity | 521 u | ımhos/cm | 1.0 | | | | 0 | 10 | |
| Method: A2540 C | | | | *************************************** | | Bat | ch: 09 | 0424_2_SLD | S-TDS-W |
| Sample ID: MBLK1_090424 | Method Blank | | | | Run: BAL- | 1_090424C | | 04/24 | /09 14:36 |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | 6 | | | | | | |
| Sample ID: LCS1_090424 | Laboratory Co | ntrol Sample | | | Run: BAL- | 1_090424C | | 04/24 | 1/09 14:36 |
| Solids, Total Dissolved TDS @ 180 C | 998 | mg/L | 10 | 100 | 90 | 110 | | | |
| Sample ID: C09040800-001AMS | Sample Matrix | Spike | | | Run: BAL- | 1_090424C | | 04/24 | 1/09 14:43 |
| Solids, Total Dissolved TDS @ 180 C | 2100 | mg/L | 10 | 89 | 90 | 110 | | | S |
| Sample ID: C09040800-001AMSD | Sample Matrix | Spike Duplicate | | | Run: BAL- | 1_090424C | | 04/24 | 1/09 14:43 |
| Solids, Total Dissolved TDS @ 180 C | 2090 | mg/L | 10 | 88 | 90 | 110 | 0.5 | 10 | S |
| Sample ID: C09040800-011AMS | Sample Matrix | Spike | | | Run: BAL- | 1_090424C | | 04/24 | /09 16:03 |
| Solids, Total Dissolved TDS @ 180 C | 2120 | mg/L | 10 | 90 | 90 | 110 | | | |
| Sample ID: C09040800-011AMSD | Sample Matrix | Spike Duplicate | | | Run: BAL- | 1_090424C | | 04/24 | 1/09 16:03 |
| Solids, Total Dissolved TDS @ 180 C | 2090 | mg/L | 10 | 89 | 90 | 110 | 1.3 | 10 | S |
| Sample ID: C09040824-002AMS | Sample Matrix | Spike | | | Run: BAL- | 1_090424C | | 04/24 | 1/09 16:06 |
| Solids, Total Dissolved TDS @ 180 C | 2940 | mg/L | 10 | 88 | 90 | 110 | | | S |
| Sample ID: C09040824-002AMSD | Sample Matrix | Spike Duplicate | | | Run: BAL- | 1_090424C | | 04/24 | 1/09 16:06 |
| Solids, Total Dissolved TDS @ 180 C | 2900 | mg/L | 10 | 86 | 90 | 110 | 1.4 | 10 | S |

Qualifiers:



Client: UR Energy USA Inc Report Date: 06/14/09

Project: Lost Creek

Work Order: C09040800

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|-------------------|-------------------|---------------------|--------|------|-----------|---------------|----------|-------------|-----------|
| Method: | A4500-F C | | | | | | | | Batch: | R117468 |
| Sample ID: | MBLK-1 | Method Blank | | | | Run: MAN | TECH_090428A | | 04/28 | /09 10:20 |
| Fluoride | | ND | mg/L | 0.05 | | | | | | |
| Sample ID: | LCS-1 | Laboratory Co | ntrol Sample | | | Run: MAN | ΓECH_090428A | | 04/28 | /09 10:23 |
| Fluoride | | 1.00 | mg/L | 0.10 | 100 | 90 | 110 | | | |
| Sample ID: | C09040799-001AMS | Sample Matrix | Spike | | | Run: MANT | TECH_090428A | | 04/28 | /09 12:12 |
| Fluoride | | 3.15 | mg/L | 0.10 | 91 | 80 | 120 | | | |
| Sample ID: | C09040799-001AMSD | Sample Matrix | Spike Duplicate | | | Run: MANT | TECH_090428A | | 04/28 | /09 12:14 |
| Fluoride | | 3.15 | mg/L | 0.10 | 91 | 80 | 120 | 0 | 10 | |
| Sample ID: | C09040800-009AMS | Sample Matrix | Spike | | | Run: MANT | TECH_090428A | | 04/28 | /09 12:54 |
| Fluoride | | 1.20 | mg/L | 0.10 | 100 | 80 | 120 | | | |
| Sample ID: | C09040800-009AMSD | Sample Matrix | Spike Duplicate | | | Run: MANT | TECH_090428A | | 04/28 | /09 12:57 |
| Fluoride | | 1.18 | mg/L | 0.10 | 98 | 80 | 120 | 1.7 | 10 | |
| Sample ID: | C09040800-017AMS | Sample Matrix | Spike | | | Run: MANT | TECH_090428A | | 04/28 | /09 13:41 |
| Fluoride | | 1.14 | mg/L | 0.10 | 100 | 80 | 120 | | | |
| Sample ID: | C09040800-017AMSD | Sample Matrix | Spike Duplicate | | | Run: MANT | TECH_090428A | | 04/28 | /09 13:43 |
| Fluoride | | 1.16 | mg/L | 0.10 | 102 | 80 | 120 | 1.7 | 10 | |
| Method: | A4500-H B | | | | | | Analytica | l Run: 0 | ORION555A | 090424A |
| Sample ID: | ICV1_090424_1 | Initial Calibrati | on Verification Sta | andard | | | | | 04/24 | /09 11:01 |
| рН | | 6.80 | s.u. | 0.010 | 99 | 98 | 102 | | | |
| Method: | A4500-H B | | | | | | Bate | ch: 090 |)424_1_PH-V | V_555A-1 |
| Sample ID: | C09040800-001ADUP | Sample Duplic | ate | | | Run: ORIO | N555A_090424A | | 04/24 | /09 11:46 |
| pН | | 8.91 | s.u. | 0.010 | | | | 0 | 10 | |
| Sample ID: | C09040800-011ADUP | Sample Duplic | ate | | | Run: ORIO | N555A_090424A | | 04/24 | /09 12:15 |
| рН | | 7.99 | s.u. | 0.010 | | | | 0 | 10 | |
| Method: | A4500-H B | | | | | | Analytica | I Run: (| ORION555A | _090424E |
| Sample ID: | ICV1_090424_2 | Initial Calibrati | on Verification Sta | andard | | | | | 04/24 | /09 13:49 |
| рН | _ | 6.89 | s.u. | 0.010 | 100 | 98 | 102 | | | |
| Method: | A4500-H B | | · | | | | Bate | ch: 090 |)424_2_PH-V | V_555A-1 |
| | | | | | | | | | | |
| Sample ID: | C09040827-010ADUP | Sample Duplic | ate | | | Run: ORIO | N555A_090424B | | 04/24 | /09 15:03 |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc Report Date: 06/14/09
Project: Lost Creek Work Order: C09040800

Analyte Result Units RL %REC Low Limit High Limit RPD RPDLimit Qual Method: E200.7 Batch: 22179 Method Blank Sample ID: MB-22179 Run: ICP2-C_090511A 05/11/09 17:29 ND 0.03 Iron mg/L Manganese ND mg/L 0.007 Sample ID: LCS3-22179 Laboratory Control Sample Run: ICP2-C_090511A 05/11/09 17:33 2.49 0.033 100 mg/L 85 115 Iron Manganese 2.46 mg/L 0.010 99 115 Sample ID: C09040926-001CMS3 Sample Matrix Spike Run: ICP2-C_090511A 05/11/09 18:05 Iron 2.75 mg/L 0.066 103 70 130 Manganese 2.57 mg/L 0.013 103 70 130 Sample ID: C09040926-001CMSD3 Sample Matrix Spike Duplicate Run: ICP2-C_090511A 05/11/09 18:09 2.71 mg/L 0.066 101 70 130 1.5 20 Iron Manganese 2.55 mg/L 0.013 102 70 130 0.5 20



Client: UR Energy USA Inc

Report Date: 06/14/09

Project: Lost Creek

Work Order: C09040800

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|-------------------|----------------|--------------|-------|------|------------|------------|-----|----------|------------|
| Method: | E200.7 | | | | | | | | Batch: | R117416 |
| Sample ID: | LRB | Method Blank | | | | Run: ICP3- | C_090427A | | 04/27 | 7/09 13:00 |
| Barium | | ND | mg/L | 0.003 | | | | | | |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Iron | | ND | mg/L | 0.01 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Potassium | | 0.06 | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Vanadium | | 0.004 | mg/L | 0.002 | | | | | | |
| Sample ID: | LFB | Laboratory For | tified Blank | | | Run: ICP3- | C_090427A | | 04/27 | 7/09 13:04 |
| Barium | | 1.13 | mg/L | 0.10 | 113 | 85 | 115 | | | |
| Calcium | | 53.9 | mg/L | 0.50 | 108 | 85 | 115 | | | |
| Iron | | 5.76 | mg/L | 0.030 | 115 | 85 | 115 | | | |
| Magnesium | | 54.0 | mg/L | 0.50 | 108 | 85 | 115 | | | |
| Potassium | | 53.3 | mg/L | 0.50 | 106 | 85 | 115 | | | |
| Sodium | | 54.4 | mg/L | 0.50 | 109 | 85 | 115 | | | |
| Vanadium | | 1.14 | mg/L | 0.10 | 114 | 85 | 115 | | | |
| Sample ID: | C09040800-004BMS | Sample Matrix | Spike | | | Run: ICP3- | C_090427A | | 04/27 | 7/09 18:13 |
| Barium | | 0.479 | mg/L | 0.10 | 91 | 70 | 130 | | | |
| Calcium | | 120 | mg/L | 1.0 | 87 | 70 | 130 | | | |
| ron | | 0.466 | mg/L | 0.030 | 91 | 70 | 130 | | | |
| Magnesium | | 49.8 | mg/L | 1.0 | 90 | 70 | 130 | | | |
| Potassium | | 50.6 | mg/L | 1.0 | 92 | 70 | 130 | | | |
| Sodium | | 82.3 | mg/L | 1.0 | 93 | 70 | 130 | | | |
| Vanadium | | 0.473 | mg/L | 0.10 | 93 | 70 | 130 | | | |
| Sample ID: | C09040800-004BMSD | Sample Matrix | Spike Dupl | icate | | Run: ICP3- | C_090427A | | 04/27 | 7/09 18:17 |
| Barium | | 0.503 | mg/L | 0.10 | 95 | 70 | 130 | 4.7 | 20 | |
| Calcium | | 124 | mg/L | 1.0 | 95 | 70 | 130 | 3.6 | 20 | |
| Iron | | 0.492 | mg/L | 0.030 | 97 | 70 | 130 | 5.6 | 20 | |
| Magnesium | | 53.2 | mg/L | 1.0 | 97 | 70 | 130 | 6.7 | 20 | |
| Potassium | | 53.8 | mg/L | 1.0 | 99 | 70 | 130 | 6.1 | 20 | |
| Sodium | | 86.3 | mg/L | 1.0 | 101 | 70 | 130 | 4.7 | 20 | |
| Vanadium | | 0.501 | mg/L | 0.10 | 98 | 70 | 130 | 5.7 | 20 | |
| Sample ID: | C09040800-014BMS | Sample Matrix | - | | | | C_090427A | | 04/27 | 7/09 19:23 |
| Barium | | 0.614 | mg/L | 0.10 | 89 | 70 | 130 | | | |
| Calcium | | 142 | mg/L | 1.0 | 77 | 70 | 130 | | | |
| Iron | | 0.465 | mg/L | 0.030 | 88 | 70 | 130 | | | |
| Magnesium | | 44.3 | mg/L | 1.0 | 87 | 70 | 130 | | | |
| Potassium | | 87.8 | mg/L | 1.0 | 88 | 70 | 130 | | | |
| Sodium | | 107 | mg/L | 1.0 | 89 | 70 | 130 | | | |
| Vanadium | | 0.472 | mg/L | 0.10 | 93 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



UR Energy USA Inc Client:

Report Date: 06/14/09

Project: Lost Creek

Work Order: C09040800

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---------------|-----------------|---------------|-----------------|-------|------|------------|------------|----------|----------|-----------|
| Method: E20 | 00.7 | | | | | | | <u> </u> | Batch: | R117416 |
| Sample ID: C0 | 9040800-014BMSD | Sample Matrix | Spike Duplicate | | | Run: ICP3- | C_090427A | | 04/27 | /09 19:27 |
| Barium | | 0.680 | mg/L | 0.10 | 101 | 70 | 130 | 10 | 20 | |
| Calcium | | 149 | mg/L | 1.0 | 90 | 70 | 130 | 4.5 | 20 | |
| Iron | | 0.532 | mg/L | 0.030 | 101 | 70 | 130 | 13 | 20 | |
| Magnesium | | 50.6 | mg/L | 1.0 | 99 | 70 | 130 | 13 | 20 | |
| Potassium | | 93.7 | mg/L | 1.0 | 99 | 70 | 130 | 6.5 | 20 | |
| Sodium | | 114 | mg/L | 1.0 | 102 | 70 | 130 | 5.9 | 20 | |
| Vanadium | | 0.539 | mg/L | 0.10 | 106 | 70 | 130 | 13 | 20 | |
| Method: E20 | 00.7 | | | | | | | | Batch: | R117688 |
| Sample ID: LR | RB | Method Blank | | | | Run: ICP3- | C_090501A | | 05/01 | /09 15:19 |
| Manganese | | ND | mg/L | 0.003 | | | _ | | | |
| Sample ID: LF | В | Laboratory Fo | rtified Blank | | | Run: ICP3- | C_090501A | | 05/01 | /09 15:24 |
| Manganese | | 4.69 | mg/L | 0.010 | 94 | 85 | 115 | | | |
| Sample ID: ME | B-21862 | Method Blank | | | | Run: ICP3- | C_090501A | | 05/01 | /09 17:44 |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Sample ID: C0 | 99040800-007BMS | Sample Matrix | Spike | | | Run: ICP3- | C_090501A | | 05/01 | /09 19:08 |
| Manganese | | 0.497 | mg/L | 0.010 | 91 | 70 | 130 | | | |
| Sample ID: C0 | 9040800-007BMSD | Sample Matrix | Spike Duplicate | | | Run: ICP3- | C_090501A | | 05/01 | /09 19:26 |
| Manganese | | 0.495 | mg/L | 0.010 | 90 | 70 | 130 | 0.4 | 20 | |
| Sample ID: C0 | 9040800-017BMS | Sample Matrix | Spike | | | Run: ICP3- | C_090501A | | 05/01 | /09 20:38 |
| Manganese | | 0.451 | mg/L | 0.010 | 88 | 70 | 130 | | | |
| Sample ID: C0 | 9040800-017BMSD | Sample Matrix | Spike Duplicate | | | Run: ICP3- | C_090501A | | 05/01 | /09 20:42 |
| Manganese | | 0.459 | mg/L | 0.010 | 89 | 70 | 130 | 1.8 | 20 | |



Client: UR Energy USA Inc

Report Date: 06/14/09

Project: Lost Creek

Work Order: C09040800

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|-------------------|---------------|-----------------|-------|------|------------|------------|-----|----------|-----------|
| Method: | E200.7 | | | | | | | | Batch: | R117736 |
| Sample ID: | LRB | Method Blank | | | | Run: ICP3- | C_090504A | | 05/04 | /09 14:12 |
| Boron | | ND | mg/L | 0.02 | | | | | | |
| Silicon | | ND | mg/L | 0.03 | | | | | | |
| Sample ID: | LFB | Laboratory Fo | rtified Blank | | | Run: ICP3- | C_090504A | | 05/04 | /09 14:17 |
| Boron | | 0.960 | mg/L | 0.10 | 96 | 85 | 115 | | | |
| Silicon | | 9.70 | mg/L | 0.032 | 97 | 85 | 115 | | | |
| Sample ID: | MB-22145 | Method Blank | | | | Run: ICP3- | C_090504A | | 05/04 | /09 16:13 |
| Boron | | ND | mg/L | 0.02 | | | | | | |
| Silicon | | ND | mg/L | 0.03 | | | | | | |
| Sample ID: | C09040800-006BMS | Sample Matrix | Spike | | | Run: ICP3- | C_090504A | | 05/04 | /09 17:19 |
| Boron | | 0.468 | mg/L | 0.10 | 92 | 70 | 130 | | | |
| Silicon | | 7.34 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sample ID: | C09040800-006BMSD | Sample Matrix | Spike Duplicate | | | Run: ICP3- | C_090504A | | 05/04 | /09 17:24 |
| Boron | | 0.474 | mg/L | 0.10 | 93 | 70 | 130 | 1.3 | 20 | |
| Silicon | | 7.29 | mg/L | 0.10 | | 70 | 130 | 0.6 | 20 | Α |
| Sample ID: | C09040800-015BMS | Sample Matrix | Spike | | | Run: ICP3- | C_090504A | | 05/04 | /09 18:35 |
| Boron | | 0.465 | mg/L | 0.10 | 91 | 70 | 130 | | | |
| Silicon | | 6.58 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sample ID: | C09040800-015BMSD | Sample Matrix | Spike Duplicate | | | Run: ICP3- | C_090504A | | 05/04 | /09 18:55 |
| Boron | | 0.480 | mg/L | 0.10 | 94 | 70 | 130 | 3.1 | 20 | |
| Silicon | | 6.45 | mg/L | 0.10 | | 70 | 130 | 2 | 20 | Α |



UR Energy USA Inc

Report Date: 06/14/09

Project: Lost Creek

Work Order: C09040800

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---------------|----------------------------|---------------|-----------------|-------|------|------------|------------|-----|----------|------------|
| Method: E2 | 200.7 | | | | | | | | Batch: | R117860 |
| Sample ID: M | IB-090506A | Method Blank | | | | Run: ICP2- | C_090506A | | 05/06 | 6/09 16:59 |
| Iron | | ND | mg/L | 0.005 | | | | | | |
| Manganese | | ND | mg/L | 0.001 | | | | | | |
| Sample ID: LI | FB-090506A | Laboratory Fo | rtified Blank | | | Run: ICP2- | C_090506A | | 05/06 | 6/09 17:03 |
| Iron | | 0.996 | mg/L | 0.030 | 100 | 85 | 115 | | | |
| Manganese | | 0.982 | mg/L | 0.010 | 98 | 85 | 115 | | | |
| Sample ID: Co | 09040800-001CMS2 | Sample Matrix | Spike | | | Run: ICP2- | C_090506A | | 05/06 | 6/09 18:00 |
| Iron | | 1.97 | mg/L | 0.067 | 99 | 70 | 130 | | | |
| Manganese | | 2.05 | mg/L | 0.014 | 103 | 70 | 130 | | | |
| Sample ID: Co | 09040800-001CMSD2 | Sample Matrix | Spike Duplicate | | | Run: ICP2- | C_090506A | | 05/06 | 5/09 18:04 |
| Iron | | 1.96 | mg/L | 0.067 | 98 | 70 | 130 | 0.8 | 20 | |
| Manganese | | 2.03 | mg/L | 0.014 | 102 | 70 | 130 | 0.9 | 20 | |
| Sample ID: C | 09040800-016CMS2 | Sample Matrix | Spike | | | Run: ICP2- | C_090506A | | 05/06 | 5/09 19:04 |
| Iron | | 1.99 | mg/L | 0.067 | 100 | 70 | 130 | | | |
| Manganese | | 2.03 | mg/L | 0.014 | 102 | 70 | 130 | | | |
| Sample ID: C | 09040800-016CMSD2 | Sample Matrix | Spike Duplicate | | | Run: ICP2- | C_090506A | | 05/06 | 5/09 19:09 |
| Iron | | 2.02 | mg/L | 0.067 | 101 | 70 | 130 | 1.4 | 20 | |
| Manganese | | 2.09 | mg/L | 0.014 | 105 | 70 | 130 | 2.9 | 20 | |
| Method: E2 | 200.7 | | | | | | | | Batch: | R117920 |
| Sample ID: M | IB-090507A | Method Blank | | | | Run: ICP2- | C_090507A | | 05/07 | 7/09 11:30 |
| Aluminum | | ND | mg/L | 0.01 | | | | | | |
| Sample ID: Li | FB-090507A | Laboratory Fo | rtified Blank | | | Run: ICP2- | C_090507A | | 05/07 | 7/09 11:34 |
| Aluminum | | 0.981 | mg/L | 0.10 | 98 | 85 | 115 | | | |
| Sample ID: M | IB-22103 | Method Blank | | | | Run: ICP2- | C_090507A | | 05/07 | 7/09 12:27 |
| Aluminum | | ND | mg/L | 0.06 | | | | | | |
| Sample ID: C | 09040674-022BMS2 | Sample Matrix | Spike | | | Run: ICP2- | C_090507A | | 05/07 | 7/09 12:35 |
| Aluminum | | 1.86 | mg/L | 0.10 | 93 | 70 | 130 | | | |
| Sample ID: C | 09040674-022B M SD2 | Sample Matrix | Spike Duplicate | | | Run: ICP2- | C_090507A | | 05/07 | 7/09 12:39 |
| Aluminum | | 1.76 | mg/L | 0.10 | 88 | 70 | 130 | 5.4 | 20 | |



UR Energy USA Inc Client:

Report Date: 06/14/09

Project: Lost Creek

Work Order: C09040800

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------------|--------------------|-------------------------|-------------------------|-------|------|------------------|-------------------|-----|-------------|------------|
| Method: | E200.7 | | | | | | | | Batch: | R118569 |
| Sample ID: Zinc | MB-090522A | Method Blank ND | mg/L | 0.01 | | Run: ICP2- | -C_090522A | | 05/22 | //09 12:37 |
| Sample ID: Zinc | LFB-090522A | Laboratory For 0.924 | rtified Blank mg/L | 0.010 | 92 | Run: ICP2- 85 | -C_090522A 115 | | 05/22 | !/09 12:41 |
| Sample ID: Zinc | C09040800-008BMS2 | Sample Matrix 1.90 | Spike mg/L | 0.027 | 93 | Run: ICP2- 70 | -C_090522A 130 | | 05/22 | 2/09 13:42 |
| Sample ID: Zinc | C09040800-008BMSD2 | Sample Matrix 1.76 | Spike Duplicate mg/L | 0.027 | 86 | Run: ICP2- 70 | -C_090522A 130 | 7.7 | 05/22 20 | /09 13:46 |
| Sample ID: Zinc | MB-22250 | Method Blank ND | mg/L | 0.03 | | Run: ICP2- | -C_090522A | | 05/22 | /09 13:54 |
| Sample ID: Zinc | C09050599-006BMS2 | Sample Matrix 4.40 | Spike mg/L | 0.068 | 86 | Run: ICP2- 75 | ·C_090522A 125 | | 05/22 | //09 20:42 |
| Sample ID: Zinc | C09050599-006BMSD2 | Sample Matrix 4.80 | Spike Duplicate mg/L | 0.068 | 94 | Run: ICP2- 75 | -C_090522A 125 | 8.6 | 05/22 20 | 2/09 20:46 |



UR Energy USA Inc Client:

Report Date: 06/14/09

Project: Lost Creek

Work Order: C09040800

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-----------------|-------------|---------|------|--|--------------|-----|----------|----------|
| Method: E200.8 | | | | | ************************************** | | | Batch: | R11767 |
| Sample ID: LRB | Method Blank | | | | Run: ICPM | S2-C_090501A | | 05/01 | /09 14:2 |
| Aluminum | ND | mg/L | 0.002 | | | | | | |
| Arsenic | ND | mg/L | 0.0003 | | | | | | |
| Cadmium | ND | mg/L | 6E-05 | | | | | | |
| Chromium | ND | mg/L | 8E-05 | | | | | | |
| Copper | ND | mg/L | 4E-05 | | | | | | |
| Lead | ND | mg/L | 2E-05 | | | | | | |
| Manganese | ND | mg/L | 5E-05 | | | | | | |
| Mercury | ND | mg/L | 4E-05 | | | | | | |
| Molybdenum | ND | mg/L | 4E-05 | | | | | | |
| Nickel | ND | mg/L | 9E-05 | | | | | | |
| Selenium | ND | mg/L | 0.001 | | | | | | |
| Uranium | ND | mg/L | 8E-06 | | | | | | |
| Zinc | 0.0008 | mg/L | 6E-05 | | | | | | |
| Sample ID: LFB | Laboratory Fort | ified Blank | | | Run: ICPM | S2-C_090501A | | 05/01 | /09 14:2 |
| Aluminum | 0.0466 | mg/L | 0.0022 | 93 | 85 | 115 | | | |
| Arsenic | 0.0491 | mg/L | 0.0010 | 98 | 85 | 115 | | | |
| Cadmium | 0.0499 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Chromium | 0.0492 | mg/L | 0.0010 | 98 | 85 | 115 | | | |
| Copper | 0.0494 | mg/L | 0.0010 | 99 | 85 | 115 | | | |
| Lead | 0.0494 | mg/L | 0.0010 | 99 | 85 | 115 | | | |
| Manganese | 0.0496 | mg/L | 0.0010 | 99 | 85 | 115 | | | |
| Mercury | 0.00504 | mg/L | 0.0010 | 101 | 85 | 115 | | | |
| Molybdenum | 0.0500 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Nickel | 0.0492 | mg/L | 0.0010 | 98 | 85 | 115 | | | |
| Selenium | 0.0493 | mg/L | 0.0014 | 99 | 85 | 115 | | | |
| Uranium | 0.0483 | mg/L | 0.00030 | 97 | 85 | 115 | | | |
| Zinc | 0.0498 | mg/L | 0.0010 | 98 | 85 | 115 | | | |
| Sample ID: C09040768-011BMS4 | Sample Matrix | Spike | | | Run: ICPM | S2-C_090501A | | 05/01 | /09 22:0 |
| Aluminum | 0.222 | mg/L | 0.10 | 69 | 70 | 130 | | | S |
| Arsenic | 0.0511 | mg/L | 0.0010 | 99 | 70 | 130 | | | |
| Cadmium | 0.0485 | mg/L | 0.010 | 97 | 70 | 130 | | | |
| Chromium | 0.0474 | mg/L | 0.050 | 94 | 70 | 130 | | | |
| Copper | 0.0860 | mg/L | 0.010 | 92 | 70 | 130 | | | |
| Lead | 0.0570 | mg/L | 0.050 | 98 | 70 | 130 | | | |
| Manganese | 0.0481 | mg/L | 0.010 | 93 | 70 | 130 | | | |
| Mercury | 0.00486 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Molybdenum | 0.0500 | mg/L | 0.10 | 99 | 70 | 130 | | | |
| Nickel | 0.0476 | mg/L | 0.050 | 91 | 70 | 130 | | | |
| Selenium | 0.0497 | mg/L | 0.0010 | 99 | 70 | 130 | | | |
| Uranium | 0.0497 | mg/L | 0.00030 | 99 | 70 | 130 | | | |
| Zinc | 0.195 | mg/L | 0.010 | 96 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



Client: UR Energy USA Inc

Report Date: 06/14/09

Project: Lost Creek

Work Order: C09040800

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------|---------------|---------------|---------|------|-----------|--------------|-----|----------|------------|
| Method: E200.8 | | | | | | | | Batch: | R117678 |
| Sample ID: C09040768-011BMSD4 | Sample Matrix | Spike Dupli | cate | | Run: ICPM | S2-C_090501A | | 05/01 | /09 22:09 |
| Aluminum | 0.218 | mg/L | 0.10 | 61 | 70 | 130 | 1.9 | 20 | s |
| Arsenic | 0.0508 | mg/L | 0.0010 | 98 | 70 | 130 | 0.7 | 20 | |
| Cadmium | 0.0485 | mg/L | 0.010 | 97 | 70 | 130 | 0.1 | 20 | |
| Chromium | 0.0473 | mg/L | 0.050 | 94 | 70 | 130 | | 20 | |
| Copper | 0.0849 | mg/L | 0.010 | 90 | 70 | 130 | 1.3 | 20 | |
| Lead | 0.0567 | mg/L | 0.050 | 97 | 70 | 130 | 0.6 | 20 | |
| Manganese | 0.0479 | mg/L | 0.010 | 93 | 70 | 130 | 0.5 | 20 | |
| Mercury | 0.00482 | mg/L | 0.0010 | 96 | 70 | 130 | 0.9 | 20 | |
| Molybdenum | 0.0502 | mg/L | 0.10 | 99 | 70 | 130 | | 20 | |
| Nickel | 0.0477 | mg/L | 0.050 | 91 | 70 | 130 | | 20 | |
| Selenium | 0.0491 | mg/L | 0.0010 | 98 | 70 | 130 | 1.3 | 20 | |
| Uranium | 0.0498 | mg/L | 0.00030 | 99 | 70 | 130 | 0.1 | 20 | |
| Zinc | 0.194 | mg/L | 0.010 | 95 | 70 | 130 | 0.4 | 20 | |
| Sample ID: C09040800-010BMS4 | Sample Matrix | c Spike | | | Run: ICPM | S2-C_090501A | | 05/02 | 2/09 00:04 |
| Aluminum | 0.0525 | mg/L | 0.10 | 97 | 70 | 130 | | | |
| Arsenic | 0.0568 | mg/L | 0.0010 | 98 | 70 | 130 | | | |
| Cadmium | 0.0484 | mg/L | 0.010 | 97 | 70 | 130 | | | |
| Chromium | 0.0454 | mg/L | 0.050 | 91 | 70 | 130 | | | |
| Copper | 0.0463 | mg/L | 0.010 | 92 | 70 | 130 | | | |
| Lead | 0.0488 | mg/L | 0.050 | 97 | 70 | 130 | | | |
| Manganese | 0.0612 | mg/L | 0.010 | 91 | 70 | 130 | | | |
| Mercury | 0.00492 | mg/L | 0.0010 | 98 | 70 | 130 | | | |
| Molybdenum | 0.0499 | mg/L | 0.10 | 98 | 70 | 130 | | | |
| Nickel | 0.0475 | mg/L | 0.050 | 92 | 70 | 130 | | | |
| Selenium | 0.0541 | mg/L | 0.0010 | 98 | 70 | 130 | | | |
| Uranium | 0.203 | mg/L | 0.00030 | 95 | 70 | 130 | | | |
| Zinc | 0.0540 | mg/L | 0.010 | 90 | 70 | 130 | | | |
| Sample ID: C09040800-010BMSD4 | Sample Matrix | k Spike Dupli | cate | | Run: ICPM | S2-C_090501A | | 05/02 | 2/09 00:1° |
| - Aluminum | 0.0523 | mg/L | 0.10 | 97 | 70 | 130 | | 20 | |
| Arsenic | 0.0570 | mg/L | 0.0010 | 98 | 70 | 130 | 0.4 | 20 | |
| Cadmium | 0.0486 | mg/L | 0.010 | 97 | 70 | 130 | 0.5 | 20 | |
| Chromium | 0.0462 | mg/L | 0.050 | 92 | 70 | 130 | | 20 | |
| Copper | 0.0467 | mg/L | 0.010 | 93 | 70 | 130 | 1 | 20 | |
| Lead | 0.0489 | mg/L | 0.050 | 98 | 70 | 130 | | 20 | |
| Manganese | 0.0619 | mg/L | 0.010 | 92 | 70 | 130 | 1.1 | 20 | |
| Mercury | 0.00493 | mg/L | 0.0010 | 99 | 70 | 130 | 0.1 | 20 | |
| Molybdenum | 0.0502 | mg/L | 0.10 | 99 | 70 | 130 | | 20 | |
| Nickel | 0.0481 | mg/L | 0.050 | 93 | 70 | 130 | | 20 | |
| Selenium | 0.0546 | mg/L | 0.0010 | 98 | 70 | 130 | 0.8 | 20 | |
| Uranium | 0.205 | mg/L | 0.00030 | 100 | 70 | 130 | 1.1 | 20 | |
| Zinc | 0.0548 | mg/L | 0.010 | 91 | 70 | 130 | 1.3 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

S - Spike recovery outside of advisory limits.



Client: UR Energy USA Inc Report Date: 06/14/09

Project: Lost Creek

Work Order: C09040800

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------|----------------|--------------|---------|------|-----------|--------------|-----|----------|-----------|
| Method: E200.8 | | | | | | | | Batch: | R11787 |
| Sample ID: LRB | Method Blank | | | | Run: ICPM | S2-C_090506A | | 05/06 | 6/09 12:4 |
| Arsenic | ND | mg/L | 0.0003 | | | | | | |
| Cadmium | ND | mg/L | 6E-05 | | | | | | |
| Chromium | ND | mg/L | 8E-05 | | | | | | |
| Copper | 0.0003 | mg/L | 4E-05 | | | | | | |
| Lead | ND | mg/L | 2E-05 | | | | | | |
| Mercury | ND | mg/L | 4E-05 | | | | | | |
| Molybdenum | ND | mg/L | 4E-05 | | | | | | |
| Nickel | ND | mg/L | 9E-05 | | | | | | |
| Selenium | ND | mg/L | 0.001 | | | | | | |
| Uranium | ND | mg/L | 8E-06 | | | | | | |
| Zinc | 0.004 | mg/L | 6E-05 | | | | | | |
| Sample ID: LFB | Laboratory For | tified Blank | | | Run: ICPM | S2-C_090506A | | 05/06 | 6/09 12:5 |
| Arsenic | 0.0501 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Cadmium | 0.0514 | mg/L | 0.0010 | 103 | 85 | 115 | | | |
| Chromium | 0.0501 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Copper | 0.0505 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Lead | 0.0502 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Mercury | 0.00511 | mg/L | 0.0010 | 102 | 85 | 115 | | | |
| Molybdenum | 0.0508 | mg/L | 0.0010 | 102 | 85 | 115 | | | |
| Nickel | 0.0501 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Selenium | 0.0515 | mg/L | 0.0014 | 103 | 85 | 115 | | | |
| Uranium | 0.0502 | mg/L | 0.00030 | 100 | 85 | 115 | | | |
| Zinc | 0.0518 | mg/L | 0.0010 | 96 | 85 | 115 | | | |
| Sample ID: C09050051-001AMS4 | Sample Matrix | Spike | | | Run: ICPM | S2-C_090506A | | 05/06 | 5/09 14:5 |
| Arsenic | 0.0887 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Cadmium | 0.0456 | mg/L | 0.010 | 91 | 70 | 130 | | | |
| Chromium | 0.0522 | mg/L | 0.050 | 91 | 70 | 130 | | | |
| Copper | 0.171 | mg/L | 0.010 | 96 | 70 | 130 | | | |
| Lead | 0.0541 | mg/L | 0.050 | 103 | 70 | 130 | | | |
| Mercury | 0.00515 | mg/L | 0.0010 | 102 | 70 | 130 | | | |
| Molybdenum | 0.962 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Nickel | 0.0681 | mg/L | 0.050 | 95 | 70 | 130 | | | |
| Selenium | 0.142 | mg/L | 0.0010 | 92 | 70 | 130 | | | |
| Uranium | 5.01 | mg/L | 0.00030 | | 70 | 130 | | | Α |
| Zinc | 0.180 | mg/L | 0.010 | 95 | 70 | 130 | | | |
| Sample ID: C09050051-001AMSD4 | Sample Matrix | Spike Dupl | icate | | Run: ICPM | S2-C_090506A | | 05/06 | 6/09 15:0 |
| Arsenic | 0.0876 | mg/L | 0.0010 | 99 | 70 | 130 | 1.2 | 20 | |
| Cadmium | 0.0457 | mg/L | 0.010 | 91 | 70 | 130 | 0.2 | 20 | |
| Chromium | 0.0521 | mg/L | 0.050 | 91 | 70 | 130 | 0.2 | 20 | |
| Copper | 0.167 | mg/L | 0.010 | 88 | 70 | 130 | 2.1 | 20 | |
| Lead | 0.0545 | mg/L | 0.050 | 103 | 70 | 130 | 0.8 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 06/14/09

Project: Lost Creek

Work Order: C09040800

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|----------------------------|------------------|---------------|---------|------|---------------|--------------|-----|----------|------------------|
| Method: E200.8 | | | | | | | | Batch: | R117871 |
| Sample ID: C09050051-001AM | SD4 Sample Matri | x Spike Dupli | cate | | Run: ICPM | S2-C_090506A | | 05/06 | 5/09 15:00 |
| Mercury | 0.00521 | mg/L | 0.0010 | 103 | 70 | 130 | 1.2 | 20 | |
| Molybdenum | 0.946 | mg/L | 0.10 | | 70 | 130 | 1.7 | 20 | Α |
| Nickel | 0.0666 | mg/L | 0.050 | 92 | 70 | 130 | 2.2 | 20 | |
| Selenium | 0.141 | mg/L | 0.0010 | 89 | 70 | 130 | 0.9 | 20 | |
| Uranium | 4.99 | mg/L | 0.00030 | | 70 | 130 | 0.3 | 20 | Α |
| Zinc | 0.177 | mg/L | 0.010 | 89 | 70 | 130 | 1.7 | 20 | |
| Sample ID: C09040950-001BM | S Sample Matri | x Spike | | | Run: ICPM | S2-C_090506A | | 05/07 | 7/09 01:11 |
| Uranium | 0.0505 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Sample ID: C09040950-001BM | SD Sample Matri | x Spike Dupli | cate | | Run: ICPM | S2-C_090506A | | 05/07 | 7/09 01:18 |
| Uranium | 0.0502 | mg/L | 0.0010 | 100 | 70 | 130 | 0.6 | 20 | |
| Method: E200.8 | | | | | W | | | Batch: | R118149 |
| Sample ID: C09040827-011CM | S4 Sample Matri | x Spike | | | Run: ICPM | S2-C_090513A | | 05/14 | /09 02:48 |
| Thorium 232 | 0.0497 | mg/L | 0.0010 | 99 | 70 | 130 | | | |
| Sample ID: C09040827-011CM | SD4 Sample Matri | x Spike Dupli | cate | | Run: ICPM | S2-C_090513A | | 05/14 | /09 02:54 |
| Thorium 232 | 0.0501 | mg/L | 0.0010 | 100 | 70 | 130 | 0.9 | 20 | |
| Sample ID: MB-22286 | Method Blank | (| | | Run: ICPM | S2-C_090513A | | 05/14 | /09 12:27 |
| Thorium 232 | ND | mg/L | 6E-05 | | | | | | |
| Sample ID: LFB | Laboratory Fo | rtified Blank | | | Run: ICPM | S2-C_090513A | | 05/14 | 1/09 18:31 |
| Thorium 232 | 0.0479 | mg/L | 0.0010 | 96 | 85 | 115 | | | |
| Method: E200.8 | | | | | | | | Batch: | R118566 |
| Sample ID: LRB | Method Blank | (| | | Run: ICPM | S2-C_090522B | | 05/22 | 2/09 12:35 |
| Uranium | ND | mg/L | 8E-06 | | | | | | |
| Sample ID: LFB | Laboratory Fo | rtified Blank | | | Run: ICPM | S2-C_090522B | | 05/22 | 2/09 12:42 |
| Uranium | 0.0483 | mg/L | 0.00030 | 97 | 85 | 115 | | | |
| | S4 Sample Matri | y Snike | | | Dun: ICDM | S2-C_090522B | | 05/23 | 3/09 06:35 |
| Sample ID: C09050645-001BM | OT Cumple Main | ~ Opiiio | | | INUIT. TOP IN | 32-C_090322B | | 03/20 | <i>109</i> 00.55 |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



UR Energy USA Inc Client:

Report Date: 06/14/09

Project: Lost Creek

Work Order: C09040800

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|-------------------|---------------|-----------------|------|------|------------|------------|-----|----------|------------|
| Method: | E300.0 | | | | | | | | Batch: | R117551 |
| Sample ID: | LCS | Laboratory Co | ntrol Sample | | | Run: IC1-C | _090429A | | 04/29 | 9/09 16:16 |
| Chloride | | 9.57 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sulfate | | 38.3 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sample ID: | MBLK | Method Blank | | | | Run: IC1-C | _090429A | | 04/29 | 9/09 16:31 |
| Chloride | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: | C09040800-001AMS | Sample Matrix | c Spike | | | Run: IC1-C | _090429A | | 04/30 | 0/09 01:46 |
| Chloride | | 24.6 | mg/L | 1.0 | 103 | 90 | 110 | | | |
| Sulfate | | 200 | mg/L | 1.0 | 104 | 90 | 110 | | | |
| Sample ID: | C09040800-001AMSD | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090429A | | 04/30 | 0/09 02:01 |
| Chloride | | 24.4 | mg/L | 1.0 | 102 | 90 | 110 | 0.7 | 20 | |
| Sulfate | | 197 | mg/L | 1.0 | 101 | 90 | 110 | 1 | 20 | |
| Sample ID: | C09040800-011AMS | Sample Matrix | « Spike | | | Run: IC1-C | _090429A | | 04/30 | 0/09 05:22 |
| Chloride | | 25.5 | mg/L | 1.0 | 104 | 90 | 110 | | | |
| Sulfate | | 200 | mg/L | 1.0 | 102 | 90 | 110 | | | |
| Sample ID: | C09040800-011AMSD | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090429A | | 04/30 | 0/09 05:37 |
| Chloride | | 25.9 | mg/L | 1.0 | 106 | 90 | 110 | 1.6 | 20 | |
| Sulfate | | 202 | mg/L | 1.0 | 104 | 90 | 110 | 0.9 | 20 | |



Client: UR Energy USA Inc Report Date: 06/14/09

Project: Lost Creek

Work Order: C09040800

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------|-------------------|---------------|-------------------|-------|------|------------|------------|-----|----------|------------|
| Method: | E300.0 | | | | | | | | Batch: | R117690 |
| Sample ID: | LCS | Laboratory Co | ontrol Sample | | | Run: IC1-C | _090430A | | 04/30 |)/09 15:38 |
| Chloride | | 9.62 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sulfate | | 38.5 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sample ID: | MBLK | Method Blank | | | | Run: IC1-C | _090430A | | 04/30 |)/09 15:54 |
| Chloride | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: | C09040800-017AMS | Sample Matrix | k Spike | | | Run: IC1-C | _090430A | | 04/30 |)/09 18:28 |
| Chloride | | 24.3 | mg/L | 1.0 | 102 | 90 | 110 | | | |
| Sulfate | | 194 | mg/L | 1.0 | 102 | 90 | 110 | | | |
| Sample ID: | C09040800-017AMSD | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090430A | | 04/30 |)/09 18:43 |
| Chloride | | 24.8 | mg/L | 1.0 | 105 | 90 | 110 | 2.1 | 20 | |
| Sulfate | | 194 | mg/L | 1.0 | 103 | 90 | 110 | 0.2 | 20 | |
| Sample ID: | C09040827-001AMS | Sample Matrix | c Spike | | | Run: IC1-C | _090430A | | 05/01 | /09 00:22 |
| Chloride | | 25.7 | mg/L | 1.0 | 104 | 90 | 110 | | | |
| Sulfate | | 241 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sample ID: | C09040827-001AMSD | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090430A | | 05/01 | /09 00:38 |
| Chloride | | 26.2 | mg/L | 1.0 | 106 | 90 | 110 | 1.9 | 20 | |
| Sulfate | | 242 | mg/L | 1.0 | 99 | 90 | 110 | 0.5 | 20 | |
| Sample ID: | C09040827-011AMS | Sample Matrix | k Spike | | | Run: IC1-C | _090430A | | 05/01 | /09 03:58 |
| Chloride | | 26.8 | mg/L | 1.0 | 106 | 90 | 110 | | | |
| Sulfate | | 247 | mg/L | 1.0 | 102 | 90 | 110 | | | |
| Sample ID: | C09040827-011AMSD | Sample Matrix | x Spike Duplicate | | | Run: IC1-C | _090430A | | 05/01 | /09 04:13 |
| Chloride | | 27.3 | mg/L | 1.0 | 108 | 90 | 110 | 2 | 20 | |
| Sulfate | | 249 | mg/L | 1.0 | 104 | 90 | 110 | 0.5 | 20 | |
| Method: | E350.1 | | | | | | | | Batch: B | R128448 |
| Sample ID: | MBLK | Method Blank | | | | Run: SUB- | B128448 | | 04/27 | 7/09 09:20 |
| Nitrogen, An | nmonia as N | ND | mg/L | 0.02 | | | | | | |
| Sample ID: | LFB | Laboratory Fo | rtified Blank | | | Run: SUB- | B128448 | | 04/27 | 7/09 09:21 |
| Nitrogen, An | nmonia as N | 1.00 | mg/L | 0.10 | 102 | 90 | 110 | | | |
| - | C09040768-007G | Sample Matrix | • | | | Run: SUB- | B128448 | | 04/27 | 7/09 11:24 |
| Nitrogen, An | nmonia as N | 0.950 | mg/L | 0.050 | 95 | 90 | 110 | | | |
| Sample ID: | C09040768-007G | Sample Matrix | Spike Duplicate | | | Run: SUB- | B128448 | | 04/27 | 7/09 11:26 |
| Nitrogen, An | nmonia as N | 0.936 | mg/L | 0.050 | 94 | 90 | 110 | 1.5 | 10 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

R Energy USA Inc

Report Date: 06/14/09

Work Order: C09040800

Project: Lost Creek Work Order: C09040800

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit Qual |
|--------------------------------|----------------|-----------------|-------|------|-----------|------------|-----|------------------|
| Method: E353.2 | | | | | | | | Batch: B_R128455 |
| Sample ID: MBLK | Method Blank | | | | Run: SUB- | B128455 | | 04/27/09 11:07 |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | 0.002 | | | | | |
| Sample ID: LFB | Laboratory For | tified Blank | | | Run: SUB- | | | 04/27/09 11:09 |
| Nitrogen, Nitrate+Nitrite as N | 0.983 | mg/L | 0.050 | 100 | 90 | 110 | | |
| Sample ID: C09040768-008G | Sample Matrix | Spike | | | Run: SUB- | B128455 | | 04/27/09 12:56 |
| Nitrogen, Nitrate+Nitrite as N | 0.986 | mg/L | 0.050 | 101 | 90 | 110 | | |
| Sample ID: C09040768-008G | Sample Matrix | Spike Duplicate | | | Run: SUB- | B128455 | | 04/27/09 12:57 |
| Nitrogen, Nitrate+Nitrite as N | 0.989 | mg/L | 0.050 | 101 | 90 | 110 | 0.3 | 10 |
| Sample ID: C09040738-004D | Sample Matrix | Spike | | | Run: SUB- | | | 04/27/09 11:48 |
| Nitrogen, Nitrate+Nitrite as N | 1.03 | mg/L | 0.050 | 103 | 90 | 110 | | |
| Sample ID: C09040738-004D | Sample Matrix | Spike Duplicate | | | Run: SUB- | B128455 | | 04/27/09 11:49 |
| Nitrogen, Nitrate+Nitrite as N | 1.01 | mg/L | 0.050 | 102 | 90 | 110 | 1.7 | 10 |
| Sample ID: C09040800-005E | Sample Matrix | Spike | | | Run: SUB- | B128455 | | 04/27/09 13:13 |
| Nitrogen, Nitrate+Nitrite as N | 0.997 | mg/L | 0.050 | 102 | 90 | 110 | | |
| Sample ID: C09040800-005E | Sample Matrix | Spike Duplicate | | | Run: SUB- | B128455 | | 04/27/09 13:14 |
| Nitrogen, Nitrate+Nitrite as N | 0.987 | mg/L | 0.050 | 101 | 90 | 110 | 1 | 10 |
| Sample ID: C09040800-016E | Sample Matrix | Spike | | | Run: SUB- | B128455 | | 04/27/09 13:29 |
| Nitrogen, Nitrate+Nitrite as N | 0.997 | mg/L | 0.050 | 101 | 90 | 110 | | |
| Sample ID: C09040800-016E | Sample Matrix | Spike Duplicate | | | Run: SUB- | -B128455 | | 04/27/09 13:31 |
| Nitrogen, Nitrate+Nitrite as N | 1.00 | mg/L | 0.050 | 101 | 90 | 110 | 0.4 | 10 |



UR Energy USA Inc Client:

Report Date: 06/14/09

Project: Lost Creek

Work Order: C09040800

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--|-----------------------|-------------------------|-----------|-------------|--------------|-----------------------|------------|-----------------|------------|
| Method: E900.0 | | | | | | | | Batch: G | rAB-0644 |
| Sample ID: MB-GrAB-0644 | Method Blank | | | | Run: TENN | NELEC-3_090507 | ' A | 05/15 | 5/09 19:16 |
| Gross Alpha | 3 | pCi/L | | | | | | | |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | | | | | |
| Gross Alpha MDC | 0.4 | pCi/L | | | | | | | |
| Gross Beta | -0.7 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | 1 | pCi/L | | | | | | | |
| Gross Beta MDC | 2 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0644 | Laboratory Co | ntrol Sample | | | Run: TENN | NELEC-3_090507 | 7A | 05/1 | 5/09 19:17 |
| Gross Alpha | 140 | pCi/L | | 102 | 70 | 130 | | | |
| Sample ID: C09040800-008DMS | Sample Matrix | Spike | | | Run: TENI | NELEC-3_090507 | 7A | 05/1 | 5/09 19:17 |
| Gross Alpha | 149 | pCi/L | | 71 | 70 | 130 | | | |
| Sample ID: C09040800-008DMSD | Sample Matrix | Spike Duplicate | | | Run: TEN | NELEC-3_090507 | 7A | 05/1 | 5/09 19:17 |
| Gross Alpha | 141 | pCi/L | | 64 | 70 | 130 | 6 | 16.3 | S |
| - Spike response is outside of the acceptan matrix related. The batch is approved. | ce range for this ana | alysis. Since the LCS a | and the F | RPD for the | e MS MSD pai | r are acceptable, the | e respon | se is considere | ed to be |
| Sample ID: C09040800-008DMS | Sample Matrix | Spike | | | Run: TEN | NELEC-3_09050 | 7A | 05/1 | 5/09 19:17 |
| Gross Beta | 106 | pCi/L | | 94 | 70 | 130 | | | |
| Sample ID: C09040800-008DMSD | Sample Matrix | Spike Duplicate | | | Run: TEN | NELEC-3_09050 | 7A | 05/10 | 6/09 09:00 |
| Gross Beta | 121 | pCi/L | | 110 | 70 | 130 | 13 | 15.3 | |
| Sample ID: C09040800-012DDUP | Sample Duplic | cate | | | Run: TENI | NELEC-3_09050 | 7A | 05/10 | 6/09 09:00 |
| Gross Alpha | 39.0 | pCi/L | | | | | 7.7 | 22.3 | |
| Gross Alpha precision (±) | 2.37 | pCi/L | | | | | | | |
| Gross Alpha MDC | 1.00 | pCi/L | | | | | | | |
| Gross Beta | 28.5 | pCi/L | | | | | 0.9 | 24 | |
| Gross Beta precision (±) | 2.00 | pCi/L | | | | | | | |
| Gross Beta MDC | 2.55 | pCi/L | | | | | | | |

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit. S - Spike recovery outside of advisory limits.

U - Not detected at minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 06/14/09

Project: Lost Creek

Work Order: C09040800

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--|---------------|------------------------|----------|-----------|-----------------|-----------------|--------------|----------------|------------|
| Method: E903.0 | | | | | | | | Batch: RA | 226-362 |
| Sample ID: C09040800-001DMS | Sample Matrix | Spike | | | Run: BERT | HOLD 770-1_ | _090428B | 05/13 | 3/09 22:18 |
| Radium 226 | 280 | pCi/L | | 230 | 70 | 130 | | | S |
| - Sample response is much larger than spike meets acceptance criteria; this batch is appropriate the sample of the | | small variances in the | sample a | adversely | affected the re | covery. The LCS | S and the RF | PD of the MS/M | ISD pair |
| Sample ID: C09040800-001DMSD | Sample Matrix | Spike Duplicate | | | Run: BERT | HOLD 770-1_ | _090428B | 05/13 | 3/09 22:1 |
| Radium 226 | 290 | pCi/L | | 275 | 70 | 130 | 2.5 | 13.2 | S |
| Sample ID: MB-RA226-3623 | Method Blank | | | | Run: BER1 | HOLD 770-1_ | _090428B | 05/13 | 3/09 23:5 |
| Radium 226 | -0.1 | pCi/L | | | | | | | U |
| Radium 226 precision (±) | 0.08 | pCi/L | | | | | | | |
| Radium 226 MDC | 0.2 | pCi/L | | | | | | | |
| Sample ID: LCS-RA226-3623 | Laboratory Co | ntrol Sample | | | Run: BER1 | HOLD 770-1_ | _090428B | 05/13 | 3/09 23:5 |
| Radium 226 | 7.2 | pCi/L | | 92 | 70 | 130 | | | |
| Method: E903.0 | | | | | | | 3.0.0 | Batch: RA | 226-362 |
| Sample ID: C09040800-007DMS | Sample Matrix | Spike | | | Run: G500 | 0W_090428D | 1 | 05/13 | 3/09 23:5 |
| Radium 226 | 21 | pCi/L | | 98 | 70 | 130 | | | |
| Sample ID: C09040800-007DMSD | Sample Matrix | Spike Duplicate | | | Run: G500 | 0W_090428D |) | 05/13 | 3/09 23:5 |
| Radium 226 | 22 | pCi/L | | 99 | 70 | 130 | 1.1 | 20.2 | |
| Sample ID: MB-RA226-3624 | Method Blank | | | | Run: G500 | 0W_090428D |) | 05/13 | 3/09 23:5 |
| Radium 226 | 0.3 | pCi/L | | | | | | | |
| Radium 226 precision (±) | 0.10 | pCi/L | | | | | | | |
| Radium 226 MDC | 0.08 | pCi/L | | | | | | | |
| Sample ID: LCS-RA226-3624 | Laboratory Co | ontrol Sample | | | Run: G500 | 0W_090428D |) | 05/13 | 3/09 23:5 |
| Radium 226 | 8.1 | pCi/L | | 100 | 70 | 130 | | | |
| Method: E903.0 | | | | | | | | Batch: RA | 226-362 |
| Sample ID: C09040800-017DMS | Sample Matrix | c Spike | | | Run: BER | THOLD 770-1 | _090430A | 05/14 | 4/09 08:5 |
| Radium 226 | 24 | pCi/L | | 106 | 70 | 130 | | | |
| Sample ID: C09040800-017DMSD | Sample Matrix | Spike Duplicate | | | Run: BER | THOLD 770-1 | _090430A | 05/14 | 4/09 08:5 |
| Radium 226 | 23 | pCi/L | | 102 | | 130 | 2.5 | 20.8 | |
| Sample ID: MB-RA226-3626 | Method Blank | | | | Run: BER | THOLD 770-1 | _090430A | 05/14 | 4/09 11:0 |
| Radium 226 | -0.1 | pCi/L | | | | | | | U |
| Radium 226 precision (±) | 0.07 | pCi/L | | | | | | | |
| Radium 226 MDC | 0.2 | pCi/L | | | | | | | |
| Sample ID: LCS-RA226-3626 | Laboratory Co | ontrol Sample | | | Run: BER | THOLD 770-1 | _090430A | 05/14 | 4/09 11:0 |
| | | | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



UR Energy USA Inc

Report Date: 06/14/09

Project: Lost Creek

Work Order: C09040800

| Analyte | Result | Units | RL %RE | С | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---------------|-----------------|-----------------------|----|-----------|---------------|------------|----------|------------|
| Method: RA-05 | <u> </u> | | | | | | | Bat | ch: 22148 |
| Sample ID: LCS-228-RA226-3624 | Laboratory Co | ntrol Sample | | | Run: TENN | IELEC-3_09042 | 8E | 05/08 | 3/09 12:57 |
| Radium 228 | 7.50 | pCi/L | 8 | 35 | 70 | 130 | | | |
| C | Method Blank | | | | Run: TENN | IELEC-3_09042 | 8 F | 05/08 | 3/09 12:57 |
| Sample ID: MB-RA226-3624 Radium 228 | 0.05 | pCi/L | | | TOIL TEIN | 12220-0_000+2 | ·- | 00,00 | J U |
| | 0.05 | pCi/L | | | | | | | Ū |
| Radium 228 precision (±) Radium 228 MDC | 1 | pCi/L | | | | | | | |
| Radium 220 MDC | • | POWE | | | | | | | |
| Sample ID: C09040800-016DMS | Sample Matrix | Spike | | | Run: TENN | IELEC-3_09042 | 8E | 05/08 | 3/09 12:57 |
| Radium 228 | 17.1 | pCi/L | ę | 99 | 70 | 130 | | | |
| Sample ID: C09040800-016DMSD | Sample Matrix | Spike Duplicate | | | Run: TENN | IELEC-3_09042 | 8E | 05/08 | 3/09 12:57 |
| Radium 228 | 16.8 | pCi/L | 9 | 98 | 70 | 130 | 1.8 | 34.6 | |
| Method: RA-05 | | | | | | | | Batch | R117961 |
| Sample ID: LCS-228-RA226-3623 | Laboratory Co | ntrol Sample | | | Run: TENN | IELEC-3 09042 | 8B | 05/07 | 7/09 10:27 |
| Radium 228 | 9.82 | pCi/L | 1. | 14 | 70 | 130 | - | | |
| | | • | | | | | | | |
| Sample ID: MB-RA226-3623 | Method Blank | | | | Run: TENN | IELEC-3_09042 | 8B | 05/07 | 7/09 10:27 |
| Radium 228 | -0.2 | pCi/L | | | | | | | U |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | | | | |
| Radium 228 MDC | 1 | pCi/L | | | | | | | |
| Sample ID: C09040800-006DMS | Sample Matrix | Spike | | | Run: TENN | IELEC-3_09042 | 8B | 05/07 | 7/09 10:27 |
| Radium 228 | 19.7 | pCi/L | 10 | 00 | 70 | 130 | | | |
| Sample ID: C09040800-006DMSD | Sample Matrix | Spike Duplicate | | | Run: TENN | IELEC-3_09042 | 8B | 05/0 | 7/09 10:27 |
| Radium 228 | 15.4 | pCi/L | 7 | 76 | 70 | 130 | 24 | 33.7 | |
| Method: RA-05 | 1.01.7-11.0 | | State Andrews Control | | | | | Batch | : R117968 |
| Sample ID: LCS-228-RA226-3626 | Laboratory Co | ntrol Sample | | | Run: TENN | NELEC-3_09043 | 0B | 05/08 | 3/09 15:16 |
| Radium 228 | 7.97 | pCi/L | 9 | 94 | 70 | 130 | | | |
| Sample ID: MB-RA226-3626 | Method Blank | | | | Run: TENN | NELEC-3_09043 | 0B | 05/0 | B/09 15:16 |
| Radium 228 | -0.3 | pCi/L | | | | _ | | | U |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | | | | |
| Radium 228 MDC | 1 | pCi/L | | | | | | | |
| Sample ID: C09040800-017DMS | Sample Matrix | (Spike | | | Run: TENN | NELEC-3_09043 | 0B | 05/0 | 8/09 15:17 |
| Radium 228 | 23.5 | pCi/L | 10 | 02 | 70 | 130 | | | |
| | | | | | | | | | |
| Sample ID: C09040800-017DMSD | Sample Matrix | Spike Duplicate | | | Run: TENN | NELEC-3_09043 | 0B | 05/0 | 8/09 15:17 |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration

| ENERGY | |
|--------------|--|
| LABORATORIES | |

Chain of Custody and Analytical Request Record

| D | 1 | ٠. | > |
|------|---|----|---|
| Page | | Oī | |

| Company Name: | Project Name, PWS, Permit, Etc. | Sample Origin EPA/State Compliance: , |
|--|--|---|
| | Lost Creek | State: Yes No 4 |
| Report Mail Address: | Contact Name: Phone/Fax: | Email: Sampler: (Please Print) |
| Report Mail Address: 5880 Enterprise Dr. Suite 260 | | |
| Casper WY 82609. | John (ash 307265-2373 John Ra Invoice Contact & Phone: | Sh Quirenery Usa. Com |
| Invoice Address: | Invoice Contact & Phone: | Purchase Order: Quote/Bottle Order: |
| Some | | |
| Special Report/Formats – ELI must be notified | analysis requested | Contact ELI prior to RUSH sample submittal |
| prior to sample submittal for the following: | | R RUSH sample submittal for charges and Cooler ID(s): |
| Ureenergy. Exect . | | scheduling – See |
| | wittai | Instruction Page Comments: Receipt emp |
| ☐ DW ☐ A2LA | | Comments: |
| GSA EDD/EDT(Electronic Data) | mber of Containe Nater Soils/Soild station Bioassay O Ave S ATTACHED Turnaround (TA) | On Ice: |
| POTW/WWTP Format: | Number of Containers Sample Type: A W S V B O Air Water Solis/Solids Vegetation Bioassay Other Ac (Ac (Ac & S) SEE ATTACHED | Yes (No) Custody Seal Y (N) |
| ☐ State: ☐ LEVEL IV ☐ Other: ☐ NELAC | Samp Samp Samp Samp Samp Samp Samp Samp | Dowlood Co. |
| | | H Bottlesi B C Coolers |
| SAMPLE IDENTIFICATION Collection Collection | MATRIX () | Signature Y N |
| (Name, Location, Interval, etc.) Date Time | marria 0 | Match |
| MU-106 #44 4-22-09 | W-2g15 1 | |
| 2 MP-106 #45 | | (9040ea) \$ |
| 3 MO-166 #46 | | |
| 1 MO-104 # 47 | | |
| 5 MP-104 # 48 | | |
| 6 222 1241 | | |
| 6 MU-104 # 49 | | |
| 7 MP-107 # 50 | | |
| ° MU-107 ±51 | | |
| 9 MD IN7 # 57 | | |
| 10 MP -108 #53 | | |
| Care Relinguished by (print): Date/Time: | / - / / / / / / / / / / / / / / / / / / | Date/Time: Signatura Signatura Signatura |
| Record Refinguished by (print): Date/Time: | | Date/Time: Signature: |
| MUST be Showed Joseph 4/23/04 9 | Redeleted by Laboratory: | Date/Time: Signature: |
| Signed Sample Disposal: Return to Client: | Lab Disposal: | 1/23/09 959 |

| ENERGY | |
|--------------|--|
| LABORATORIES | |

Chain of Custody and Analytical Request Record

| | | | \sim |
|------|---|----|----------|
| Page | 1 | of | <u>a</u> |

| Company Name | Project Name, PWS, Permit, Etc | | Sample Origin | EPA/State Compliance: , |
|---|---|--|--|-------------------------|
| Company Name: | Lost Creek | | State: WY | Yes No No |
| UR-ENERBY | Contact Name: Pho | ne/Fax: | Email: | Sampler: (Please Print) |
| Report Mail Address: Dr Site 200 | | | | |
| Casper WY 82609. | Who(17h 301-265-23 | 73 John all | ر (۱۲ - energy المكم بر ۱۵ Purchase Order: | Quote/Bottle Order: |
| Invoice Address: | Invoice Contact & Phone: | | Purchase Order: | Quote/Bottle Order. |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: DW A2LA GSA EDD/EDT(Electronic Data) POTW/WWTP Format: State: LEVEL IV Other: NELAC | Number of Containers Sample Type: AW S V B O Air Water Soils/Soilds Vegetation Bioassay Other | SEE ATTACHED (TAT) | Contact ELI prior RUSH sample sul for charges and scheduling – See Instruction Page Comments: | bmittal Hara |
| | 77 | | | Intact Y N |
| SAMPLE IDENTIFICATION Collection Collection (Name, Location, Interval, etc.) Date Time | MATRIX 3 | | | Match Y N |
| 1 MO-108- +SY 4-22-09 | W-29als \ | | 1090408 | 100 > |
| 2 MV-109- #SS C | | | | |
| 3 MO-109 #56 | | | | |
| 4 MP109 #57 | | | | |
| 5 MP113 #58 | | | | A |
| 6 M-13# #59 | | | | |
| 7 M-135# 60 | | | | AT |
| 8 | | | | |
| 9 | | | | |
| 10 | +- \ | | | |
| Custody Relinquished by (print): Date/Time: | Signature | Received by (print): Juleh | Date/Time: 4/23/04 8:36 | Signature: |
| 1.22-09 to | 35 pm | Received by (print). Humad Talph Received by (print): | 7/25/04 8:30 Date/Time: | Signature: |
| MUST be Hund Jach Date/Time: | 9 950 Cl | Recalled by Laboratory: | Date/Time: | / Signature: |
| Signed Sample Disposal: Return to Client: | Lab Disposal: | Ourgre ! | 1/23/09 45 | 1 |

Energy Laboratories Inc Workorder Receipt Checklist



UR Energy USA Inc

C09040800

| Login completed by: Kimberly Humiston | Date and Time Received: 4/23/2009 9:54 AM | | | | | |
|---|---|------|------------------------|--|--|--|
| Reviewed by: | Received by: ckw | | | | | |
| Reviewed Date: | | Carr | rier name: Hand Del | | | |
| | | | • | | | |
| Shipping container/cooler in good condition? | Yes 🗹 | No 🖂 | Not Present | | | |
| Custody seals intact on shipping container/cooler? | Yes 🗌 | No 🗀 | Not Present 🗸 | | | |
| Custody seals intact on sample bottles? | Yes 🗌 | No 🗀 | Not Present 🗹 | | | |
| Chain of custody present? | Yes 🗹 | No 🗌 | | | | |
| Chain of custody signed when relinquished and received? | Yes 🔽 | No 🖂 | | | | |
| Chain of custody agrees with sample labels? | Yes 🔽 | No 🖂 | | | | |
| Samples in proper container/bottle? | Yes 🔽 | No 🗌 | | | | |
| Sample containers intact? | Yes 🔽 | No 🗀 | | | | |
| Sufficient sample volume for indicated test? | Yes 🏹 | No 🖂 | | | | |
| All samples received within holding time? | Yes 🏹 | No 🗀 | | | | |
| Container/Temp Blank temperature: | 9°C | | | | | |
| Water - VOA vials have zero headspace? | Yes 🗌 | No 🗀 | No VOA vials submitted | | | |
| Water - pH acceptable upon receipt? | Yes 🗹 | No 🗌 | Not Applicable | | | |
| | | | | | | |

Contact and Corrective Action Comments:

None



Project:

UR Energy USA Inc CLIENT:

Lost Creek

CASE NARRATIVE

Date: 14-Jun-09

Sample Delivery Group: C09040800

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS

Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS

The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505

Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT

eli-g - Energy Laboratories, Inc. - Gillette, WY

eli-h - Energy Laboratories, Inc. - Helena, MT

eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER, WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT



ANALYTICAL SUMMARY REPORT

June 17, 2009

UR Energy USA Inc 10758 W Centennial Rd Ste 200 Ken Caryl Ranch, CO 80127

Workorder No.: C09040827

Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 16 samples for UR Energy USA Inc on 4/24/2009 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|---------------|------------------|----------------|--------------|---------|--|
| C09040827-001 | MP-103 | 04/23/09 00:00 | 04/24/09 | Aqueous | Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved |
| 09040827-002 | 2 MO-103 | 04/23/09 00:00 | 04/24/09 | Aqueous | Same As Above |
| 009040827-003 | 3 MU-103 | 04/23/09 00:00 | 04/24/09 | Aqueous | Same As Above |
| C09040827-004 | 4 MP-105 | 04/23/09 00:00 | 04/24/09 | Aqueous | Same As Above |
| C09040827-005 | 5 MO-105 | 04/23/09 00:00 | 04/24/09 | Aqueous | Same As Above |
| C09040827-006 | 3 MU-105 | 04/23/09 00:00 | 04/24/09 | Aqueous | Same As Above |
| C09040827-007 | 7 KPW-2 | 04/23/09 00:00 | 04/24/09 | Aqueous | Same As Above |
| C09040827-008 | 3 M-135 | 04/23/09 00:00 | 04/24/09 | Aqueous | Same As Above |
| C09040827-009 | 9 MO-101 | 04/23/09 00:00 | 04/24/09 | Aqueous | Same As Above |
| C09040827-010 |) MU-101 | 04/23/09 00:00 | 04/24/09 | Aqueous | Same As Above |
| C09040827-01 | 1 MP-101 | 04/23/09 00:00 | 04/24/09 | Aqueous | Same As Above |
| C09040827-012 | 2 MU-102 | 04/23/09 00:00 | 04/24/09 | Aqueous | Same As Above |
| C09040827-013 | 3 MP-102 | 04/23/09 00:00 | 04/24/09 | Aqueous | Same As Above |
| C09040827-014 | 4 MO-102 | 04/23/09 00:00 | 04/24/09 | Aqueous | Same As Above |
| C09040827-01 | 5 M-136 | 04/23/09 00:00 | 04/24/09 | Aqueous | Same As Above |
| C09040827-016 | 6 MP-140 | 04/23/09 00:00 | 04/24/09 | Aqueous | Same As Above |



ANALYTICAL SUMMARY REPORT

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Reporting Supervisor



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-001

Client Sample ID: MP-103

Report Date: 06/17/09

Collection Date: 04/23/09 DateReceived: 04/24/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 110 | mg/L | | 1 | | A2320 B | 04/28/09 23:21 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/28/09 23:21 / ljl |
| Bicarbonate as HCO3 | 135 | mg/L | | 1 | | A2320 B | 04/28/09 23:21 / ljl |
| Calcium | 73 | mg/L | | 1 | | E200.7 | 05/01/09 20:51 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/01/09 00:07 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/28/09 14:31 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 05/01/09 20:51 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/30/09 14:16 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/29/09 12:52 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/01/09 20:51 / rdw |
| Silica | 14.4 | mg/L | | 0.2 | | E200.7 | 05/04/09 19:10 / rdw |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 05/01/09 20:51 / rdw |
| Sulfate | 164 | mg/L | | 1 | | E300.0 | 05/01/09 00:07 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 572 | umhos/cm | | 1 | | A2510 B | 04/24/09 14:46 / dd |
| pH | 7.83 | S.U. | | 0.01 | | A4500-H B | 04/24/09 14:46 / dd |
| Solids, Total Dissolved TDS @ 180 C | 375 | mg/L | | 10 | | A2540 C | 04/24/09 16:09 / rp |
| Solids, Total Dissolved 1D3 @ 160 C | 373 | mg/L | | 10 | | A2340 C | 04/24/09 10:09/1p |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 03:21 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 03:21 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 03:21 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 19:10 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 03:21 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 03:21 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 03:21 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/01/09 20:51 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 03:21 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 03:21 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 03:21 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 03:21 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 03:21 / ts |
| Selenium | 0.002 | mg/L | | 0.001 | | E200.8 | 05/02/09 03:21 / ts |
| Uranium | 0.0640 | mg/L | 1 | 0.0003 | | E200.8 | 05/02/09 03:21 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 03:21 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 03:21 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 16:46 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/06/09 20:09 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-001

Client Sample ID: MP-103

Report Date: 06/17/09

Collection Date: 04/23/09 DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 237 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Alpha precision (±) | 6.4 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta | 92.2 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta precision (±) | 3.0 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Radium 226 | 91 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 226 precision (±) | 1.7 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 228 | 2.1 | pCi/L | | | | RA-05 | 05/08/09 15:17 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/08/09 15:17 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/08/09 15:17 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.78 | % | | | | Calculation | 05/06/09 12:39 / kbh |
| Anions | 5.79 | meq/L | | | | Calculation | 05/06/09 12:39 / kbh |
| Cations | 5.37 | meq/L | | | | Calculation | 05/06/09 12:39 / kbh |
| Solids, Total Dissolved Calculated | 365 | mg/L | | | | Calculation | 05/06/09 12:39 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | - | | | | Calculation | 05/06/09 12:39 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-002

Client Sample ID: MO-103

Report Date: 06/17/09 Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|-----------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 115 | mg/L | | 1 | | A2320 B | 04/28/09 23:43 / Ijl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/28/09 23:43 / ljl |
| Bicarbonate as HCO3 | 141 | mg/L | | 1 | | A2320 B | 04/28/09 23:43 / ljl |
| Calcium | 74 | mg/L | | 1 | | E200.7 | 05/01/09 20:56 / rdv |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/11/09 18:07 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/28/09 14:39 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 05/01/09 20:56 / rdv |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/30/09 14:18 / eli- |
| Nitrogen, Nitrate+Nitrite as N | 0.09 | mg/L | | 0.05 | | E353.2 | 04/29/09 12:54 / eli- |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/01/09 20:56 / rdv |
| Silica | 14.4 | mg/L | | 0.2 | | E200.7 | 05/04/09 19:20 / rdv |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 05/01/09 20:56 / rdv |
| Sulfate | 177 | mg/L | | 1 | | E300.0 | 05/11/09 18:07 / lji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 593 | umhos/cm | | 1 | | A2510 B | 04/24/09 14:48 / dd |
| oH | 7.81 | s.u. | | 0.01 | | A4500-H B | 04/24/09 14:48 / dd |
| Solids, Total Dissolved TDS @ 180 C | 389 | mg/L | | 10 | | A2540 C | 04/24/09 16:09 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/01/09 20:56 / rdw |
| Arsenic | ND | mg/L | 1 | 0.001 | | E200.8 | 05/05/09 14:17 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/01/09 20:56 / rdv |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 19:20 / rdv |
| Cadmium | ND | mg/L | 1 | 0.005 | | E200.8 | 05/05/09 14:17 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/05/09 14:17 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/05/09 14:17 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/01/09 20:56 / rdv |
| Lead | 0.001 | mg/L | | 0.001 | | E200.8 | 05/05/09 14:17 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/01/09 20:56 / rdv |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/15/09 12:01 / sm |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/05/09 14:17 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/05/09 14:17 / ts |
| Selenium | 0.013 | mg/L | | 0.001 | | E200.8 | 05/05/09 14:17 / ts |
| Uranium | 0.469 | mg/L | | 0.0003 | | E200.8 | 05/05/09 14:17 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.7 | 05/01/09 20:56 / rdv |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 05/05/09 14:17 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 16:51 / rdv |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/06/09 20:13 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-002

Client Sample ID: MO-103

Report Date: 06/17/09 Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|--------------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 505 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Alpha precision (±) | 9.4 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta | 115 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta precision (±) | 3.3 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Radium 226 | 4.1 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 226 precision (±) | 0.39 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 228 | 3.0 | pCi/L | | | | RA-05 | 05/08/09 15:16 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/08/09 15:16 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/08/09 15:16 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -5.86 | % | | | | Calculation | 05/13/09 08:12 / kbh |
| Anions | 6.05 | meq/L | | | | Calculation | 05/13/09 08:12 / kbh |
| Cations | 5.38 | meq/L | | | | Calculation | 05/13/09 08:12 / kbh |
| Solids, Total Dissolved Calculated | 375 | mg/L | | | | Calculation | 05/13/09 08:12 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | - | | | | Calculation | 05/13/09 08:12 / kbh |
| - The Anion / Cation balance was confirmed by | re-analysis. | | | | | | |

The Anion / Cation balance was confirmed by re-analysis.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-003

Client Sample ID: MU-103

Report Date: 06/17/09 Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | • | | | | |
| Alkalinity, Total as CaCO3 | 77 | mg/L | | 1 | | A2320 B | 04/29/09 00:14 / ljl |
| Carbonate as CO3 | 5 | mg/L | | 1 | | A2320 B | 04/29/09 00:14 / ljl |
| Bicarbonate as HCO3 | 85 | mg/L | | 1 | | A2320 B | 04/29/09 00:14 / ljl |
| Calcium | 40 | mg/L | | 1 | | E200.7 | 05/01/09 21:00 / rdw |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/01/09 01:08 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/28/09 14:42 / ljl |
| Magnesium | 1 | mg/L | | 1 | | E200.7 | 05/01/09 21:00 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/30/09 14:21 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/29/09 12:55 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/01/09 21:00 / rdw |
| Silica | 14.3 | mg/L | | 0.2 | | E200.7 | 05/04/09 19:26 / rdw |
| Sodium | 26 | mg/L | | 1 | | E200.7 | 05/01/09 21:00 / rdw |
| Sulfate | 90 | mg/L | | 1 | | E300.0 | 05/01/09 01:08 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 358 | umhos/cm | | 1 | | A2510 B | 04/24/09 14:49 / dd |
| pH | 8.84 | s.u. | | 0.01 | | A4500-H B | 04/24/09 14:49 / dd |
| Solids, Total Dissolved TDS @ 180 C | 244 | mg/L | | 10 | | A2540 C | 04/24/09 16:09 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 03:49 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/02/09 03:49 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 03:49 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 19:26 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 03:49 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 03:49 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 03:49 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/01/09 21:00 / rdw |
| Lead | 0.001 | mg/L | | 0.001 | | E200.8 | 05/02/09 03:49 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 03:49 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 03:49 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 03:49 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 03:49 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 03:49 / ts |
| Uranium | 0.0104 | mg/L | | 0.0003 | | E200.8 | 05/02/09 03:49 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 03:49 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 05/02/09 03:49 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 3.91 | mg/L | | 0.03 | | E200.7 | 05/09/09 00:28 / rdw |
| Manganese | 0.04 | mg/L | D | 0.02 | | E200.7 | 05/09/09 00:28 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-003

Client Sample ID: MU-103

Report Date: 06/17/09

Collection Date: 04/23/09 DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|-----|-------------|-------------|----------------------|
| Arialyses | Result | Units | Qualifiers | KL_ | - QCL | Metriou | Alialysis Date / Dy |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 19.0 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Alpha precision (±) | 1.8 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta | 5.7 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Radium 226 | 1.4 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 226 precision (±) | 0.24 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 228 | 1.6 | pCi/L | | | | RA-05 | 05/08/09 15:16 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/08/09 15:16 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/08/09 15:16 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.74 | % | | | | Calculation | 05/06/09 12:41 / kbh |
| Anions | 3.54 | meq/L | | | | Calculation | 05/06/09 12:41 / kbh |
| Cations | 3.29 | meq/L | | | | Calculation | 05/06/09 12:41 / kbh |
| Solids, Total Dissolved Calculated | 228 | mg/L | | | | Calculation | 05/06/09 12:41 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 05/06/09 12:41 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-004

Client Sample ID: MP-105

Report Date: 06/17/09

Collection Date: 04/23/09 DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|----------|----------|------------|--------|-------------|------------------|------------------------|
| | | Office | Quamicio | | | | |
| MAJOR IONS | | 0 | | 4 | | 40000 B | 0.4/0.0/0.0.00.00./ \\ |
| Alkalinity, Total as CaCO3 | 71 | mg/L | | 1 | | A2320 B | 04/29/09 00:22 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/29/09 00:22 / ljl |
| Bicarbonate as HCO3 | 85 | mg/L | | 1 | | A2320 B | 04/29/09 00:22 / ljl |
| Calcium | 48 | mg/L | | 1 | | E200.7 | 05/01/09 21:04 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/01/09 01:24 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 04/28/09 14:45 / Ijl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/01/09 21:04 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/30/09 14:25 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/29/09 13:02 / eli-b |
| Potassium | 8 | mg/L | | 1 | | E200.7 | 05/01/09 21:04 / rdw |
| Silica | 13.7 | mg/L | | 0.2 | | E200.7 | 05/04/09 19:31 / rdw |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 05/01/09 21:04 / rdw |
| Sulfate | 137 | mg/L | | 1 | | E300.0 | 05/01/09 01:24 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 472 | umhos/cm | | 1 | | A2510 B | 04/24/09 14:51 / dd |
| pH | 8.97 | s.u. | | 0.01 | | A4500-H B | 04/24/09 14:51 / dd |
| Solids, Total Dissolved TDS @ 180 C | 309 | mg/L | | 10 | | A2540 C | 04/24/09 16:10 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 03:55 / ts |
| Arsenic | 0.019 | mg/L | | 0.001 | | E200.8 | 05/02/09 03:55 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 03:55 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 19:31 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 03:55 / ts |
| Chromium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 03:55 / ts |
| Copper | ND | mg/L | | 0.03 | | E200.8 | 05/02/09 03:55 / ts |
| Iron | ND | • | | 0.03 | | E200.7 | 05/01/09 21:04 / rdw |
| | 0.001 | mg/L | | 0.001 | | E200.7 E200.8 | 05/02/09 03:55 / ts |
| Lead | | mg/L | | | | | |
| Manganese Margunt | ND ND | mg/L | | 0.01 | | E200.8 | 05/02/09 03:55 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 03:55 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 03:55 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 03:55 / ts |
| Selenium | 0.009 | mg/L | | 0.001 | | E200.8 | 05/02/09 03:55 / ts |
| Uranium | 0.444 | mg/L | 1 | 0.0003 | | E200.8 | 05/02/09 03:55 / ts |
| Vanadium ▼: | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 03:55 / ts |
| Zinc | 0.03 | mg/L | | 0.01 | | E200.8 | 05/02/09 03:55 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 16:56 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/06/09 20:17 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-004

Client Sample ID: MP-105

Report Date: 06/17/09 Collection Date: 04/23/09 DateReceived: 04/24/09

Matrix: Aqueous

| | D | | | | MCL/ | B 41 1 | Amelia Data / Bu |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 823 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Alpha precision (±) | 11.4 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Beta | 303 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Beta precision (±) | 4.8 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Radium 226 | 227 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 226 precision (±) | 2.8 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 228 | 2.6 | pCi/L | | | | RA-05 | 05/08/09 15:16 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/08/09 15:16 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/08/09 15:16 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.68 | % | | | | Calculation | 05/06/09 12:42 / kbh |
| Anions | 4.42 | meq/L | | | | Calculation | 05/06/09 12:42 / kbh |
| Cations | 4.11 | meq/L | | | | Calculation | 05/06/09 12:42 / kbh |
| Solids, Total Dissolved Calculated | 291 | mg/L | | | | Calculation | 05/06/09 12:42 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | | | | | Calculation | 05/06/09 12:42 / kbh |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-005

Client Sample ID: MO-105

Report Date: 06/17/09

Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|-----------|----------|------------|--------|-------------|-----------|------------------------|
| | | | | | | | |
| MAJOR IONS | 407 | | | 1 | | A2320 B | 04/29/09 00:29 / ljl |
| Alkalinity, Total as CaCO3 | 107 ND | mg/L | | 1 | | A2320 B | 04/29/09 00:29 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/29/09 00:29 / ljl |
| Bicarbonate as HCO3 | 130 | mg/L | | 1 | | E200.7 | 05/01/09 21:09 / rdw |
| Calcium | 57 | mg/L | | 1 | | E300.0 | 05/01/09 01:39 / ljl |
| Chloride | 5 | mg/L | | 0.1 | | A4500-F C | 04/28/09 14:47 / ljl |
| Fluoride | 0.2 | mg/L | | 1 | | E200.7 | 05/01/09 21:09 / rdw |
| Magnesium | 3 | mg/L | | 0.05 | | E350.1 | 04/30/09 14:26 / eli-b |
| Nitrogen, Ammonia as N | ND | mg/L | | | | E353.2 | 04/29/09 13:03 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.12 | mg/L | | 0.05 | | E200.7 | 05/01/09 21:09 / rdw |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/04/09 19:36 / rdw |
| Silica | 14.2 | mg/L | | 0.2 | | E200.7 | 05/01/09 21:09 / rdw |
| Sodium | 31 | mg/L | | 1 | | E300.7 | 05/01/09 01:39 / ljl |
| Sulfate | 124 | mg/L | | 1 | | E300.0 | 03/01/09 01:03 / 1] |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 481 | umhos/cm | | 1 | | A2510 B | 04/24/09 14:53 / dd |
| pH | 7.94 | s.u. | | 0.01 | | A4500-H B | 04/24/09 14:53 / dd |
| Solids, Total Dissolved TDS @ 180 C | 312 | mg/L | | 10 | | A2540 C | 04/24/09 16:10 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:02 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/02/09 04:02 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:02 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 19:36 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 04:02 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 04:02 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 04:02 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/01/09 21:09 / rdw |
| Lead | 0.002 | mg/L | | 0.001 | | E200.8 | 05/02/09 04:02 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 04:02 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 04:02 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:02 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 04:02 / ts |
| Selenium | 0.013 | mg/L | | 0.001 | | E200.8 | 05/02/09 04:02 / ts |
| Uranium | 0.327 | mg/L | | 0.0003 | | E200.8 | 05/02/09 04:02 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:02 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 05/02/09 04:02 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 17:17 / rdw |
| | ND | | | 0.01 | | E200.7 | 05/06/09 20:21 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/06 |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-005

Client Sample ID: MO-105

Report Date: 06/17/09

Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | 07/10/00 00:45 / |
| Gross Alpha | 249 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Alpha precision (±) | 6.2 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Beta | 78.3 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Beta precision (±) | 2.9 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Radium 226 | 2.5 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 226 precision (±) | 0.31 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 228 | 1.5 | pCi/L | | | | RA-05 | 05/08/09 15:16 / plj |
| | 0.9 | pCi/L | | | | RA-05 | 05/08/09 15:16 / plj |
| Radium 228 precision (±) Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/08/09 15:16 / plj |
| DATA QUALITY | | | | | | | 05/00/00 40.40 / khh |
| A/C Balance (± 5) | -3.92 | % | | | | Calculation | 05/06/09 12:42 / kbh |
| Anions | 4.85 | meq/L | | | | Calculation | 05/06/09 12:42 / kbh |
| Cations | 4.49 | meq/L | | | | Calculation | 05/06/09 12:42 / kbh |
| Solids, Total Dissolved Calculated | 304 | mg/L | | | | Calculation | 05/06/09 12:42 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | | | | | Calculation | 05/06/09 12:42 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-006

Client Sample ID: MU-105

Report Date: 06/17/09 Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|----------|-------------|-----------|--|
| Analyses | | | | - | | | |
| MAJOR IONS | | | | 1 | | A2320 B | 04/29/09 00:37 / lil |
| Alkalinity, Total as CaCO3 | 93 | mg/L | | 1 | | A2320 B | 04/29/09 00:37 / ljl |
| Carbonate as CO3 | 7 | mg/L | | | | A2320 B | 04/29/09 00:37 / 1/1 |
| Bicarbonate as HCO3 | 100 | mg/L | | 1 | | E200.7 | 05/01/09 21:27 / rdw |
| Calcium | 45 | mg/L | | 1 | | E300.0 | 05/01/09 01:55 / lil |
| Chloride | 4 | mg/L | | 1 0.1 | | A4500-F C | 04/28/09 14:50 / ljl |
| Fluoride | 0.2 | mg/L | | | | E200.7 | 05/01/09 21:27 / rdw |
| Magnesium | 2 | mg/L | | 1 | | E350.1 | 04/30/09 14:27 / eli-b |
| Nitrogen, Ammonia as N | 0.05 | mg/L | | 0.05 | | E353.2 | 04/29/09 13:04 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E300.7 | 05/01/09 21:27 / rdw |
| Potassium | 3 | mg/L | | 1 | | | 05/04/09 19:41 / rdw |
| Silica | 13.7 | mg/L | | 0.2 | | E200.7 | 05/04/09 19:41 / Idw 05/01/09 21:27 / rdw |
| Sodium | 31 | mg/L | | 1 | | E200.7 | |
| Sulfate | 93 | mg/L | | 1 | | E300.0 | 05/01/09 01:55 / ljl |
| PHYSICAL PROPERTIES | | | | | | _ | |
| Conductivity | 392 | umhos/cm | | 1 | | A2510 B | 04/24/09 14:54 / dd |
| pH | 8.86 | s.u. | | 0.01 | | A4500-H B | 04/24/09 14:54 / dd |
| Solids, Total Dissolved TDS @ 180 C | 263 | mg/L | | 10 | | A2540 C | 04/24/09 16:10 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:36 / ts |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 05/02/09 04:36 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:36 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 19:41 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 04:36 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 04:36 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 04:36 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/01/09 21:27 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 04:36 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 04:36 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 04:36 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:36 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 04:36 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 04:36 / ts |
| Uranium | 0.0306 | mg/L | | 0.0003 | | E200.8 | 05/02/09 04:36 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:36 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 04:36 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 17:22 / rdv |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/06/09 20:25 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-006

Client Sample ID: MU-105

Report Date: 06/17/09

Collection Date: 04/23/09 DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 131 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Alpha precision (±) | 4.4 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Beta | 48.3 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Beta precision (±) | 2.5 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Radium 226 | 64 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 226 precision (±) | 1.4 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/14/09 08:58 / trs |
| Radium 228 | 3.7 | pCi/L | | | | RA-05 | 05/08/09 15:17 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/08/09 15:17 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/08/09 15:17 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.53 | % | | | | Calculation | 05/06/09 12:42 / kbh |
| Anions | 3.93 | meq/L | | | | Calculation | 05/06/09 12:42 / kbh |
| Cations | 3.81 | meq/L | | | | Calculation | 05/06/09 12:42 / kbh |
| Solids, Total Dissolved Calculated | 252 | mg/L | | | | Calculation | 05/06/09 12:42 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | | | | | Calculation | 05/06/09 12:42 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-007

Client Sample ID: KPW-2

Report Date: 06/17/09 Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 93 | mg/L | | 1 | | A2320 B | 04/29/09 00:44 / ljl |
| Carbonate as CO3 | 1 | mg/L | | 1 | | A2320 B | 04/29/09 00:44 / ljl |
| Bicarbonate as HCO3 | 110 | mg/L | | 1 | | A2320 B | 04/29/09 00:44 / ljl |
| Calcium | 48 | mg/L | | 1 | | E200.7 | 05/01/09 21:31 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/01/09 02:10 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F ℃ | 04/28/09 14:53 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/01/09 21:31 / rdw |
| Nitrogen, Ammonia as N | 0.06 | mg/L | | 0.05 | | E350.1 | 04/30/09 14:28 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/29/09 13:06 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/01/09 21:31 / rdw |
| Silica | 14.4 | mg/L | | 0.2 | | E200.7 | 05/04/09 20:01 / rdw |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 05/01/09 21:31 / rdw |
| Sulfate | 110 | mg/L | | 1 | | E300.0 | 05/01/09 02:10 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 438 | umhos/cm | | 1 | | A2510 B | 04/24/09 14:56 / dd |
| pH | 8.19 | s.u. | | 0.01 | | A4500-H B | 04/24/09 14:56 / dd |
| Solids, Total Dissolved TDS @ 180 C | 281 | mg/L | | 10 | | A2540 C | 04/24/09 16:11 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:43 / ts |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 05/02/09 04:43 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:43 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 20:01 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 04:43 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 04:43 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 04:43 / ts |
| Iron | NĎ | mg/L | | 0.03 | | E200.7 | 05/01/09 21:31 / rdw |
| Lead | 0.002 | mg/L | | 0.001 | | E200.8 | 05/02/09 04:43 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 04:43 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 04:43 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:43 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 04:43 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 04:43 / ts |
| Uranium | 0.0151 | mg/L | | 0.0003 | | E200.8 | 05/02/09 04:43 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:43 / ts |
| Zinc | 0.04 | mg/L | | 0.01 | | E200.8 | 05/02/09 04:43 / ts |
| METALS - TOTAL | | | | | | | 05/00/05 / 7 00 / 1 |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 17:32 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/06/09 20:29 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID: Client Sample ID: KPW-2

C09040827-007

Report Date: 06/17/09 Collection Date: 04/23/09 DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 39.0 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Alpha precision (±) | 2.5 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Beta | 17.3 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 05/12/09 03:45 / cgr |
| Radium 226 | 4.6 | pCi/L | | | | E903.0 | 05/14/09 11:03 / trs |
| Radium 226 precision (±) | 0.40 | pCi/L | | | | E903.0 | 05/14/09 11:03 / trs |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/14/09 11:03 / trs |
| Radium 228 | 4.9 | pCi/L | | | | RA-05 | 05/08/09 15:17 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 05/08/09 15:17 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/08/09 15:17 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.16 | % | | | | Calculation | 05/06/09 12:43 / kbh |
| Anions | 4.31 | meq/L | | | | Calculation | 05/06/09 12:43 / kbh |
| Cations | 4.05 | meq/L | | | | Calculation | 05/06/09 12:43 / kbh |
| Solids, Total Dissolved Calculated | 276 | mg/L | | | | Calculation | 05/06/09 12:43 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | - | | | | Calculation | 05/06/09 12:43 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-008

Client Sample ID: M-135

Report Date: 06/17/09 Collection Date: 04/23/09 DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 70 | mg/L | | 1 | | A2320 B | 04/29/09 00:51 / ljl |
| Carbonate as CO3 | 1 | mg/L | | 1 | | A2320 B | 04/29/09 00:51 / ljl |
| Bicarbonate as HCO3 | 84 | mg/L | | 1 | | A2320 B | 04/29/09 00:51 / ljl |
| Calcium | 49 | mg/L | | 1 | | E200.7 | 05/01/09 21:35 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/01/09 02:26 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 04/28/09 15:08 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/01/09 21:35 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/30/09 14:30 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/29/09 13:07 / eli-b |
| Potassium | 8 | mg/L | | 1 | | E200.7 | 05/01/09 21:35 / rdw |
| Silica | 13.4 | mg/L | | 0.2 | | E200.7 | 05/04/09 20:06 / rdw |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 05/01/09 21:35 / rdw |
| Sulfate | 136 | mg/L | | 1 | | E300.0 | 05/01/09 02:26 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 474 | umhos/cm | | 1 | | A2510 B | 04/24/09 14:58 / dd |
| pH | 8.97 | s.u. | | 0.01 | | A4500-H B | 04/24/09 14:58 / dd |
| Solids, Total Dissolved TDS @ 180 C | 314 | mg/L | | 10 | | A2540 C | 04/24/09 16:11 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:50 / ts |
| Arsenic | 0.019 | mg/L | | 0.001 | | E200.8 | 05/02/09 04:50 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:50 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 20:06 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 04:50 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 04:50 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 04:50 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/01/09 21:35 / rdw |
| Lead | 0.001 | mg/L | | 0.001 | | E200.8 | 05/02/09 04:50 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 04:50 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 04:50 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:50 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 04:50 / ts |
| Selenium | 0.009 | mg/L | | 0.001 | | E200.8 | 05/02/09 04:50 / ts |
| Uranium | 0.451 | mg/L | | 0.0003 | | E200.8 | 05/02/09 04:50 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:50 / ts |
| Zinc | 0.06 | mg/L | | 0.01 | | E200.8 | 05/02/09 04:50 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 17:37 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/06/09 20:33 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-008

Client Sample ID: M-135

Report Date: 06/17/09 Collection Date: 04/23/09 DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | **** | | | | | 1 | |
| Gross Alpha | 785 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Alpha precision (±) | 11.1 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta | 283 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta precision (±) | 4.6 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Radium 226 | 219 | pCi/L | | | | E903.0 | 05/14/09 11:03 / trs |
| Radium 226 precision (±) | 2.7 | pCi/L | | | | E903.0 | 05/14/09 11:03 / trs |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/14/09 11:03 / trs |
| Radium 228 | 3.1 | pCi/L | | | | RA-05 | 05/08/09 15:17 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/08/09 15:17 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/08/09 15:17 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.11 | % | | | | Calculation | 05/06/09 12:43 / kbh |
| Anions | 4.39 | meg/L | | | | Calculation | 05/06/09 12:43 / kbh |
| Cations | 4.21 | meq/L | | | | Calculation | 05/06/09 12:43 / kbh |
| Solids, Total Dissolved Calculated | 292 | mg/L | | | | Calculation | 05/06/09 12:43 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | J | | | | Calculation | 05/06/09 12:43 / kbh |

Report **Definitions:** RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-009

Client Sample ID: MO-101

Report Date: 06/17/09 Collection Date: 04/23/09 DateReceived: 04/24/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | | VICL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------------------|----------------|------------|-------------|--------------|--------------------|--|
| MAJOR IONS | | | ··· · | | | | |
| Alkalinity, Total as CaCO3 | 112 | mg/L | | 1 | | A2320 B | 04/29/09 00:59 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B A2320 B | 04/29/09 00:59 / ljl |
| Bicarbonate as HCO3 | 137 | mg/L | | 1 | | A2320 B A2320 B | 04/29/09 00:59 / Ijl |
| Calcium | 82 | mg/L | | 1 | | E200.7 | • |
| Chloride | 7 | mg/L | | 1 | | E300.7 | 05/01/09 21:40 / rdw 05/11/09 18:23 / ljl |
| Fluoride | 0.2 | - | | 0.1 | | A4500-F C | • |
| Magnesium | 4 | mg/L | | 1 | | | 04/28/09 15:11 / ljl |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E200.7 | 05/01/09 21:40 / rdv |
| • | | mg/L | | | | E350.1 | 04/30/09 14:31 / eli- |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/29/09 13:08 / eli- |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/01/09 21:40 / rdv |
| Silica | 14.1 | mg/L | | 0.2 | | E200.7 | 05/04/09 20:22 / rdv |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 05/01/09 21:40 / rdv |
| Sulfate | 196 | mg/L | | 1 | | E300.0 | 05/11/09 18:23 / Ijl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 652 | umhos/cm | | 1 | | A2510 B | 04/24/09 15:00 / dd |
| pH | 7.89 | s.u. | | 0.01 | | A4500-H B | 04/24/09 15:00 / dd |
| Solids, Total Dissolved TDS @ 180 C | 428 | mg/L | | 10 | | A2540 C | 04/24/09 16:11 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:56 / ts |
| Arsenic | 0.001 | mg/L | (| 0.001 | | E200.8 | 05/02/09 04:56 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:56 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 20:22 / rdv |
| Cadmium | ND | mg/L | 1 | 0.005 | | E200.8 | 05/02/09 04:56 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 04:56 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 04:56 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/01/09 21:40 / rdv |
| Lead | 0.003 | mg/L | | 0.001 | | E200.8 | 05/02/09 04:56 / ts |
| Manganese | 0.00 | mg/L | | 0.01 | | E200.8 | 05/02/09 04:56 / ts |
| Mercury | ND | mg/L | | 0.01 | | E200.8 | |
| Molybdenum | ND | • | ' | | | | 05/02/09 04:56 / ts |
| Nickel | ND ND | mg/L | | 0.1 | | E200.8 | 05/02/09 04:56 / ts |
| | | mg/L | | 0.05 | | E200.8 | 05/02/09 04:56 / ts |
| Selenium | 0.012 | mg/L | | 0.001 | | E200.8 | 05/02/09 04:56 / ts |
| Uranium Vanadium | 0.385 | mg/L | C | .0003 | | E200.8 | 05/02/09 04:56 / ts |
| Vanadium Zinc | N D 0.05 | mg/L mg/L | | 0.1 0.01 | | E200.8 E200.8 | 05/02/09 04:56 / ts 05/02/09 04:56 / ts |
| METALS - TOTAL | | | | | | | |
| METALS - TOTAL | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 17:42 / rdw |
| | | 1 1 1 ME Day | | | | | |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-009

Client Sample ID: MO-101

Report Date: 06/17/09 Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 424 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Alpha precision (±) | 8.8 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta | 95.7 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta precision (±) | 3.1 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Radium 226 | 4.3 | pCi/L | | | | E903.0 | 05/14/09 11:03 / trs |
| Radium 226 precision (±) | 0.40 | pCi/L | | | | E903.0 | 05/14/09 11:03 / trs |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 05/14/09 11:03 / trs |
| Radium 228 | 3.1 | pCi/L | | | | RA-05 | 05/08/09 15:17 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/08/09 15:17 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/08/09 15:17 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -5.23 | % | | | | Calculation | 05/13/09 08:16 / kbh |
| Anions | 6.54 | meq/L | | | | Calculation | 05/13/09 08:16 / kbh |
| Cations | 5.89 | meq/L | | | | Calculation | 05/13/09 08:16 / kbh |
| Solids, Total Dissolved Calculated | 409 | mg/L | | | | Calculation | 05/13/09 08:16 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | - | | | | Calculation | 05/13/09 08:16 / kbh |

⁻ The Anion / Cation balance was confirmed by re-analysis.

Report **Definitions:** RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-010

Client Sample ID: MU-101

Report Date: 06/17/09

Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|-------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 89 | mg/L | | 1 | | A2320 B | 04/29/09 01:06 / ljl |
| Carbonate as CO3 | 5 | mg/L | | 1 | | A2320 B | 04/29/09 01:06 / ljl |
| Bicarbonate as HCO3 | 98 | mg/L | | 1 | | A2320 B | 04/29/09 01:06 / ljl |
| Calcium | 54 | mg/L | | 1 | | E200.7 | 05/01/09 21:57 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/01/09 03:27 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 04/28/09 15:14 / ljl |
| Magnesium | 1 | mg/L | | 1 | | E200.7 | 05/01/09 21:57 / rdw |
| Nitrogen, Ammonia as N | 0.11 | mg/L | | 0.05 | | E350.1 | 04/30/09 14:32 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/29/09 13:09 / eli-b |
| Potassium | 15 | mg/L | | 1 | | E200.7 | 05/01/09 21:57 / rdw |
| Silica | 14.9 | mg/L | | 0.2 | | E200.7 | 05/04/09 20:28 / rdw |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 05/01/09 21:57 / rdw |
| Sulfate | 143 | mg/L | | 1 | | E300.0 | 05/01/09 03:27 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 521 | umhos/cm | | 1 | | A2510 B | 04/24/09 15:01 / dd |
| pH | 9.08 | S.U. | | 0.01 | | A4500-H B | 04/24/09 15:01 / dd |
| Solids, Total Dissolved TDS @ 180 C | 340 | mg/L | | 10 | | A2540 C | 04/24/09 16:11 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 05:03 / ts |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/02/09 05:03 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 05:03 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 20:28 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 05:03 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 05:03 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 05:03 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/01/09 21:57 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 05:03 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 05:03 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 05:03 / ts |
| Molybdenum | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 05:03 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 05:03 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 05:03 / ts |
| Uranium | 0.0091 | mg/L | | 0.000 | | E200.8 | 05/02/09 05:03 / ts |
| Vanadium | ND | mg/L | · · | 0.1 | | E200.8 | 05/02/09 05:03 / ts |
| Zinc | 0.03 | mg/L | | 0.01 | | E200.8 | 05/02/09 05:03 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 17:47 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/06/09 20:54 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek

Client Sample ID: MU-101

C09040827-010

Report Date: 06/17/09 Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 33.0 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Alpha precision (±) | 2.5 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta | 26.2 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta precision (±) | 2.2 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 05/12/09 03:46 / cgr |
| Radium 226 | 10 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 226 precision (±) | 0.65 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 228 | 5.8 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.78 | % | | | | Calculation | 05/06/09 12:45 / kbh |
| Anions | 4.91 | meq/L | | | | Calculation | 05/06/09 12:45 / kbh |
| Cations | 4.55 | meq/L | | | | Calculation | 05/06/09 12:45 / kbh |
| Solids, Total Dissolved Calculated | 322 | mg/L | | | | Calculation | 05/06/09 12:45 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | | | | | Calculation | 05/06/09 12:45 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-011

Client Sample ID: MP-101

Report Date: 06/17/09 Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 121 | mg/L | | 1 | | A2320 B | 04/29/09 01:13 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/29/09 01:13 / Iji |
| Bicarbonate as HCO3 | 148 | mg/L | | 1 | | A2320 B | 04/29/09 01:13 / lji |
| Calcium | 77 | mg/L | | 1 | | E200.7 | 05/01/09 22:02 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/01/09 03:43 / Ijl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 04/28/09 15:16 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 05/01/09 22:02 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 04/30/09 14:36 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/29/09 13:10 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/01/09 22:02 / rdw |
| Silica | 14.6 | mg/L | | 0.2 | | E200.7 | 05/04/09 20:33 / rdw |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 05/01/09 22:02 / rdw |
| Sulfate | 167 | mg/L | | 1 | | E300.0 | 05/01/09 03:43 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 606 | umhos/cm | | 1 | | A2510 B | 04/24/09 15:05 / dd |
| pH | 7.91 | s.u. | | 0.01 | | A4500-H B | 04/24/09 15:05 / dd |
| Solids, Total Dissolved TDS @ 180 C | 391 | mg/L | | 10 | | A2540 C | 04/24/09 16:11 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 05:10 / ts |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 05/02/09 05:10 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 05:10 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 20:33 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 05:10 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 05:10 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 05:10 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/01/09 22:02 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 05:10 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/02/09 05:10 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 05:10 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 05:10 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 05:10 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 05:10 / ts |
| Uranium | 0.0921 | mg/L | | 0.0003 | | E200.8 | 05/02/09 05:10 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 05:10 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 05:10 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.04 | | E200.7 | 05/06/09 18:02 / rdw |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 05/06/09 21:06 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-011

Client Sample ID: MP-101

Report Date: 06/17/09

Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|--|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | |
| Gross Alpha | 671 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Alpha precision (±) | 10.8 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta | 236 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta precision (±) | 4.3 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Radium 226 | 250 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 226 precision (±) | 3.2 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 228 | 6.4 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.20 | % | | | | Calculation | 05/06/09 12:46 / kbh |
| Anions | 6.08 | meq/L | | | | Calculation | 05/06/09 12:46 / kbh |
| Cations | 5.59 | meq/L | | | | Calculation | 05/06/09 12:46 / kbh |
| Solids, Total Dissolved Calculated | 379 | mg/L | | | | Calculation | 05/06/09 12:46 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | - | | | | Calculation | 05/06/09 12:46 / kbh |
| | | | | | | | |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek

Client Sample ID: MU-102

C09040827-012

Report Date: 06/17/09 Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|--|
| Analyses | Result | Units | Qualifiers | | | | |
| MAJOR IONS | | | | 1 | | A2320 B | 04/29/09 01:37 / ljl |
| Alkalinity, Total as CaCO3 | 101 | mg/L | | 1 | | A2320 B | 04/29/09 01:37 / ljl |
| Carbonate as CO3 | 8 | mg/L | | 1 | | A2320 B | 04/29/09 01:37 / ljl |
| Bicarbonate as HCO3 | 107 | mg/L | | 1 | | E200.7 | 05/01/09 22:06 / rdw |
| Calcium | 47 | mg/L | | 1 | | E300.0 | 05/01/09 04:29 / ljl |
| Chloride | 4 | mg/L | | 0.1 | | A4500-F C | 04/28/09 15:25 / ljl |
| Fluoride | 0.2 | mg/L | | | | E200.7 | 05/01/09 22:06 / rdw |
| Magnesium | 1 | mg/L | | 1 | | E350.1 | 04/30/09 14:39 / eli- |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E353.2 | 04/29/09 13:12 / eli- |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E200.7 | 05/01/09 22:06 / rdv |
| Potassium | 3 | mg/L | | 1 | | | 05/04/09 20:38 / rdw |
| Silica | 13.7 | mg/L | | 0.2 | | E200.7 | 05/01/09 22:06 / rdw |
| Sodium | 28 | mg/L | | 1 | | E200.7 | 05/01/09 04:29 / ljl |
| Sulfate | 92 | mg/L | | 1 | | E300.0 | 03/01/03 04.20 / 1/3 |
| PHYSICAL PROPERTIES | | | | 4 | | A2510 B | 04/24/09 15:59 / dd |
| Conductivity | 392 | umhos/cm | | 1 | | A4500-H B | 04/24/09 15:59 / dd |
| pH | 8.82 | s.u. | | 0.01 | | A2540 C | 04/24/09 16:11 / rp |
| Solids, Total Dissolved TDS @ 180 C | 268 | mg/L | | 10 | | A2540 C | 04/24/03 10:11719 |
| METALS - DISSOLVED | | | | 0.4 | | E200.8 | 05/02/09 05:17 / ts |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 05:17 / ts |
| Arsenic | 0.003 | mg/L | | 0.001 | | | 05/02/09 05:17 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/04/09 20:38 / rd |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/02/09 05:17 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 05:17 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 05:17 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 03:17 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/02/09 05:17 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 05:17 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 05:17 / ts 05/02/09 05:17 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 05:17 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 05:17 / ts |
| Uranium | 0.0095 | mg/L | | 0.0003 | | E200.8 | 05/02/09 05:17 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 05:17 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 05:17 / ts |
| METALS - TOTAL | | | | | | F200.7 | 05/06/09 18:23 / rd |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 18:23 / R |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 03/00/03 Z1.14 / C |

Report

RL - Analyte reporting limit.

Definitions: QCL - Quality control limit. MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

Client Sample ID: MU-102

C09040827-012

Report Date: 06/17/09

Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | 05/44/00 00:20 / omi |
| Gross Alpha | 32.8 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Alpha precision (±) | 2.3 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta | 13.3 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Radium 226 | 4.2 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| | 0.43 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 226 precision (±) | 0.19 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 226 MDC | 3.9 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| Radium 228 | 0.9 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| Radium 228 precision (±) Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| DATA QUALITY | | | | | | Calculation | 05/06/09 12:46 / kbh |
| A/C Balance (± 5) | -3.87 | % | | | | Calculation | 05/06/09 12:46 / kbh |
| Anions | 4.04 | meq/L | | | | Calculation | 05/06/09 12:46 / kbh |
| Cations | 3.74 | meq/L | | | | Calculation | 05/06/09 12:46 / kbh |
| Solids, Total Dissolved Calculated | 253 | mg/L | | | | Calculation | 05/06/09 12:46 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | | | | | Calculation | 00/00/03 12.40 / RDH |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-013

Client Sample ID: MP-102

Report Date: 06/17/09

Collection Date: 04/23/09 DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|------------------|------------------------|
| Analyses | | | | | | | |
| MAJOR IONS | 440 | | | 1 | | A2320 B | 04/29/09 01:53 / ljl |
| Alkalinity, Total as CaCO3 | 112 | mg/L | | 1 | | A2320 B | 04/29/09 01:53 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/29/09 01:53 / ljl |
| Bicarbonate as HCO3 | 136 | mg/L | | 1 | | E200.7 | 05/01/09 22:24 / rdw |
| Calcium | 60 | mg/L | | 1 | | E300.0 | 05/01/09 04:44 / ljl |
| Chloride | 4 | mg/L | | 0.1 | | A4500-F C | 04/28/09 15:28 / ljl |
| Fluoride | 0.2 | mg/L | | 1 | | E200.7 | 05/01/09 22:24 / rdw |
| Magnesium | 3 | mg/L | | 0.05 | | E350.1 | 04/30/09 14:40 / eli-b |
| Nitrogen, Ammonia as N | ND | mg/L | | | | E353.2 | 04/29/09 12:58 / eli-l |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E200.7 | 05/01/09 22:24 / rdw |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/04/09 20:43 / rdw |
| Silica | 14.7 | mg/L | | 0.2 | | E200.7 | 05/01/09 22:24 / rdw |
| Sodium | 28 | mg/L | | 1 | | E200.7 E300.0 | 05/01/09 04:44 / ljl |
| Sulfate | 122 | mg/L | | 1 | | E300.0 | 03/01/03 04.447 1 |
| PHYSICAL PROPERTIES | | | | | | | 04/04/00 46:02 / dd |
| Conductivity | 480 | umhos/cm | | 1 | | A2510 B | 04/24/09 16:02 / dd |
| pH | 7.87 | s.u. | | 0.01 | | A4500-H B | 04/24/09 16:02 / dd |
| Solids, Total Dissolved TDS @ 180 C | 314 | mg/L | | 10 | | A2540 C | 04/24/09 17:05 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 06:04 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/02/09 06:04 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 06:04 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 20:43 / rdv |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 06:04 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 06:04 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 06:04 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/01/09 22:24 / rdv |
| Lead | 0.002 | mg/L | | 0.001 | | E200.8 | 05/02/09 06:04 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 06:04 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 06:04 / ts |
| • | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 06:04 / ts |
| Molybdenum Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 06:04 / ts |
| | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 06:04 / ts |
| Selenium | 0.0740 | | | 0.0003 | | E200.8 | 05/02/09 06:04 / ts |
| Uranium Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 06:04 / ts |
| Zinc | 0.04 | mg/L | | 0.01 | | E200.8 | 05/02/09 06:04 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/09/09 00:33 / rd |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 12:18 / sr |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-013

Client Sample ID: MP-102

Report Date: 06/17/09 Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|-----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | 05/4.4/00.03:30 / ogr |
| Gross Alpha | 789 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Alpha precision (±) | 11.2 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta | 267 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta precision (±) | 4.5 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Radium 226 | 291 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 226 precision (±) | 3.5 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 228 | 5.8 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| DATA QUALITY | | | | | | O I Intima | 05/06/00 43:46 / khh |
| A/C Balance (± 5) | -4.32 | % | | | | Calculation | 05/06/09 12:46 / kbh |
| Anions | 4.90 | meq/L | | | | Calculation | 05/06/09 12:46 / kbh |
| Cations | 4.49 | meq/L | | | | Calculation | 05/06/09 12:46 / kbh |
| Solids, Total Dissolved Calculated | 305 | mg/L | | | | Calculation | 05/06/09 12:46 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | | | | | Calculation | 05/06/09 12:46 / kbh |

Report Definitions:

RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-014

Client Sample ID: MO-102

Report Date: 06/17/09 Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-------------|--------|-------------|--|------------------------|
| Analyses | | Office | Q.J. | | | ······································ | |
| MAJOR IONS | | | | 1 | | A2320 B | 04/29/09 02:00 / ljl |
| Alkalinity, Total as CaCO3 | 99 | mg/L | | 1 1 | | A2320 B | 04/29/09 02:00 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 04/29/09 02:00 / ljl |
| Bicarbonate as HCO3 | 121 | mg/L | | 1 | | E200.7 | 05/01/09 22:28 / rdw |
| Calcium | 70 | mg/L | | 1 | | E300.0 | 05/01/09 05:00 / ljl |
| Chloride | 6 | mg/L | | | | A4500-F © | 04/28/09 15:30 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | E200.7 | 05/01/09 22:28 / rdw |
| Magnesium | 3 | mg/L | | 1 | | E350.1 | 04/30/09 14:41 / eli-b |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E353.2 | 04/29/09 14:09 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E300.7 | 05/01/09 22:28 / rdw |
| Potassium | 3 | mg/L | | 1 | | | 05/11/09 14:47 / cp |
| Silica | 15.2 | mg/L | | 0.2 | | E200.7 | 05/01/09 22:28 / rdw |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 05/01/09 05:00 / ljl |
| Sulfate | 174 | mg/L | | 1 | | E300.0 | 03/01/09 03:00 / 11 |
| PHYSICAL PROPERTIES | | | | | | | 04/24/09 16:04 / dd |
| Conductivity | 567 | umhos/cm | | 1 | | A2510 B | |
| pH | 8.06 | s.u. | | 0.01 | | A4500-H B | 04/24/09 16:04 / dd |
| Solids, Total Dissolved TDS @ 180 C | 373 | mg/L | | 10 | | A2540 C | 04/24/09 17:05 / rp |
| METALS - DISSOLVED | | | | | | | 05/00/00 06:41 / to |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 06:11 / ts |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/02/09 06:11 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 06:11 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 20:49 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 06:11 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 06:11 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 06:11 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/01/09 22:28 / rdv |
| Lead | 0.001 | mg/L | | 0.001 | | E200.8 | 05/02/09 06:11 / ts |
| | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 06:11 / ts |
| Marganese | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 06:11 / ts |
| Melyhdanum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 06:11 / ts |
| Molybdenum | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 06:11 / ts |
| Nickel Solonium | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 06:11 / ts |
| Selenium | 0.332 | mg/L | | 0.0003 | | E200.8 | 05/02/09 06:11 / ts |
| Uranium Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 06:11 / ts |
| Vanadium Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 05/02/09 06:11 / ts |
| METALS - TOTAL | | | | | | | 05/00/00 00 00 () |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/09/09 00:38 / rd |
| 11011 | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 12:25 / sn |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-014

Client Sample ID: MO-102

Report Date: 06/17/09 Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|--------|-------|------------|----|-------------|---|----------------------|
| RADIONUCLIDES - DISSOLVED | | _ | | | | | or #4400 02:20 / ogr |
| Gross Alpha | 312 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Alpha precision (±) | 7.1 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta | 97.4 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta Gross Beta precision (±) | 3.1 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Radium 226 | 6.9 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| | 0.53 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 226 precision (±) Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| · · · · · · · · · · · · · · · · · · · | 3.5 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| Radium 228 | 0.9 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| Radium 228 precision (±) Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| DATA QUALITY | | | | | | Calculation | 05/06/09 12:47 / kbł |
| A/C Balance (± 5) | -4.87 | % | | | | Calculation | 05/06/09 12:47 / kbl |
| Anions | 5.77 | meq/L | | | | • | 05/06/09 12:47 / kbl |
| Cations | 5.24 | meq/L | | | | Calculation | 05/06/09 12:47 / kbl |
| Solids, Total Dissolved Calculated | 348 | mg/L | | | | Calculation | 05/06/09 12:47 / kb |
| TDS Balance (0.80 - 1.20) | 1.07 | | | | | Calculation | U3/U0/U3 12.47 / ND |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-015

Client Sample ID: M-136

Report Date: 06/17/09 Collection Date: 04/23/09

DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|--|
| | | | | | | | |
| MAJOR IONS | 2 | mg/L | | 1 | | A2320 B | 04/29/09 02:05 / ljl |
| Alkalinity, Total as CaCO3 | ND | mg/L | | 1 | | A2320 B | 04/29/09 02:05 / ljl |
| Carbonate as CO3 | 2 | mg/L | | 1 | | A2320 B | 04/29/09 02:05 / ljl |
| Bicarbonate as HCO3 | ND | mg/L | | 1 | | E200.7 | 05/01/09 22:33 / rdw |
| Calcium | ND | mg/L | | 1 | | E300.0 | 05/01/09 05:15 / ljl |
| Chloride | ND | mg/L | | 0.1 | | A4500-F C | 04/28/09 15:37 / ljl |
| Fluoride | ND | mg/L | | 1 | | E200.7 | 05/01/09 22:33 / rdw |
| Magnesium | ND | mg/L | | 0.05 | | E350.1 | 04/30/09 14:43 / eli-b |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E353.2 | 04/29/09 14:06 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 1 | | E200.7 | 05/01/09 22:33 / rdw |
| Potassium | | • | | 0.2 | | E200.7 | 05/11/09 14:59 / cp |
| Silica | 1.9 | mg/L | | 1 | | E200.7 | 05/01/09 22:33 / rdw |
| Sodium | ND | mg/L | | 1 | | E300.0 | 05/01/09 05:15 / ljl |
| Sulfate | ND | mg/L | | • | | | |
| PHYSICAL PROPERTIES | | | | | | A2510 B | 04/24/09 16:07 / dd |
| Conductivity | ND | umhos/cm | | 1 | | | 04/24/09 16:07 / dd |
| Hq | 6.00 | s.u. | | 0.01 | | A4500-H B | 04/24/09 17:06 / rp |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | | 10 | | A2540 C | 04/24/09 17:00/10 |
| METALS - DISSOLVED | | | | | | | 05/02/00 06:19 / to |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 06:18 / ts 05/02/09 06:18 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 06:18 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/11/09 14:59 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 06:18 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 06:18 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 06:18 / ts |
| Iron | NĎ | mg/L | | 0.03 | | E200.7 | 05/01/09 22:33 / rdw |
| Lead | 0.001 | mg/L | | 0.001 | | E200.8 | 05/02/09 06:18 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 06:18 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 06:18 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 06:18 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 06:18 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 06:18 / ts |
| Uranium | ND | mg/L | | 0.0003 | | E200.8 | 05/02/09 06:18 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 06:18 / ts |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 05/02/09 06:18 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 18:28 / rd |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/06/09 21:18 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-015

Client Sample ID: M-136

Report Date: 06/17/09

Collection Date: 04/23/09 DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---------------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 1.4 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Alpha MDC | 0.8 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta | -2 | pCi/L | U | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta precision (±) | 1.6 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Radium 226 | -0.04 | pCi/L | U | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 226 precision (±) | 0.10 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 228 | 1.6 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -91.9 | % | | | | Calculation | 05/06/09 12:55 / kbh |
| Anions | 0.0323 | meq/L | | | | Calculation | 05/06/09 12:55 / kbh |
| Cations | 0.00136 | meq/L | | | | Calculation | 05/06/09 12:55 / kbh |
| . The ion balance is not appropriate for near t | olank results | | | | | | |

The ion balance is not appropriate for near blank results.

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-016

Client Sample ID: MP-140

Report Date: 06/17/09 Collection Date: 04/23/09 DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 105 | mg/L | | 1 | | A2320 B | 04/29/09 02:12 / ljl |
| Carbonate as CO3 | 7 | mg/L | | 1 | | A2320 B | 04/29/09 02:12 / Ijl |
| Bicarbonate as HCO3 | 114 | mg/L | | 1 | | A2320 B | 04/29/09 02:12 / ljl |
| Calcium | 51 | mg/L | | 1 | | E200.7 | 05/01/09 22:37 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/11/09 18:38 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 04/28/09 15:41 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/01/09 22:37 / rdw |
| Nitrogen, Ammonia as N | 0.07 | mg/L | | 0.05 | | E350.1 | 04/30/09 14:44 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 04/29/09 14:11 / eli-b |
| Potassium | 9 | mg/L | | 1 | | E200.7 | 05/01/09 22:37 / rdw |
| Silica | 12.5 | mg/L | | 0.2 | | E200.7 | 05/04/09 21:17 / rdw |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 05/01/09 22:37 / rdw |
| Sulfate | 132 | mg/L | | 1 | | E300.0 | 05/11/09 18:38 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 488 | umhos/cm | | 1 | | A2510 B | 04/24/09 16:09 / dd |
| pH | 8.87 | s.u. | | 0.01 | | A4500-H B | 04/24/09 16:09 / dd |
| Solids, Total Dissolved TDS @ 180 C | 322 | mg/L | | 10 | | A2540 C | 04/24/09 17:06 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 06:24 / ts |
| Arsenic | 0.012 | mg/L | | 0.001 | | E200.8 | 05/02/09 06:24 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 06:24 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/04/09 21:17 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/02/09 06:24 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 06:24 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 06:24 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/01/09 22:37 / rdw |
| Lead | 0.001 | mg/L | | 0.001 | | E200.8 | 05/02/09 06:24 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/02/09 06:24 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 06:24 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 06:24 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/02/09 06:24 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/02/09 06:24 / ts |
| Uranium | 0.365 | mg/L | | 0.0003 | | E200.8 | 05/02/09 06:24 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/02/09 06:24 / ts |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 05/02/09 06:24 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/06/09 18:33 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/06/09 21:22 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09040827-016

Client Sample ID: MP-140

Report Date: 06/17/09 Collection Date: 04/23/09 DateReceived: 04/24/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--|---------------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 1140 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Alpha precision (±) | 13.2 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta | 496 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta precision (±) | 6.0 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 05/14/09 03:39 / cgr |
| Radium 226 | 422 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 226 precision (±) | 4.1 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 05/16/09 19:56 / trs |
| Radium 228 | 7.3 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/11/09 09:00 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -5.64 | % | | | | Calculation | 05/13/09 08:29 / kbh |
| Anions | 4.92 | meq/L | | | | Calculation | 05/13/09 08:29 / kbh |
| Cations | 4.40 | meq/L | | | | Calculation | 05/13/09 08:29 / kbh |
| Solids, Total Dissolved Calculated | 308 | mg/L | | | | Calculation | 05/13/09 08:29 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | - | | | | Calculation | 05/13/09 08:29 / kbh |
| The Anies / Cation balance was confirmed b | v re analysis | | | | | | |

⁻ The Anion / Cation balance was confirmed by re-analysis.

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client: UR Energy USA Inc

Report Date: 06/17/09

Project: Lost Creek

Work Order: C09040827

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-------------|-----------------|---------------------|-------|------|-----------|----------------|---------|-------------|------------|
| Method: A2320 B | | | | | | | | | Batch: | R117471 |
| Sample ID: MBLK | <u>3</u> Me | thod Blank | | | | Run: MAN | TECH_090428B | | 04/28 | /09 16:24 |
| Alkalinity, Total as CaCO3 | | 4 | mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | | ND | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | | 5 | mg/L | 1 | | | | | | |
| Sample ID: LCS1 | Lai | boratory Cor | itrol Sample | | | Run: MAN | TECH_090428B | | 04/28 | /09 16:39 |
| Alkalinity, Total as CaCO3 | | 210 | mg/L | 5.0 | 103 | 90 | 110 | | | |
| Sample ID: LCS | La | boratory Cor | ntrol Sample | | | Run: MAN | TECH_090428B | | 04/28 | /09 16:46 |
| Alkalinity, Total as CaCO3 | | 53.3 | mg/L | 5.0 | 99 | 90 | 110 | | | |
| Sample ID: C09040827-001AMS | Sa | mple Matrix | Spike | | | Run: MAN | TECH_090428B | | 04/28 | /09 23:29 |
| Alkalinity, Total as CaCO3 | | 237 | mg/L | 5.0 | 101 | 80 | | | | |
| Sample ID: C09040827-001AMSI |) Sa | mple Matrix | Spike Duplicate | | | Run: MAN | TECH_090428B | | 04/28 | /09 23:36 |
| Alkalinity, Total as CaCO3 | | 239 | mg/L | 5.0 | 103 | 80 | 120 | 0.7 | 20 | |
| Sample ID: C09040827-011AMS | Sa | mple Matrix | Spike | | | Run: MAN | TECH_090428B | | 04/29 | /09 01:21 |
| Alkalinity, Total as CaCO3 | | 246 | mg/L | 5.0 | 100 | 80 | 120 | | | |
| Sample ID: C09040827-011AMSI |) Sa | mple Matrix | Spike Duplicate | | | Run: MAN | TECH_090428B | | 04/29 | /09 01:29 |
| Alkalinity, Total as CaCO3 | | 247 | mg/L | 5.0 | 101 | 80 | 120 | 0.4 | 20 | |
| Sample ID: C09040837-005AMS | Sa | mple Matrix | Spike | | | Run: MAN | ITECH_090428B | | 04/29 | /09 02:57 |
| Alkalinity, Total as CaCO3 | | 349 | mg/L | 5.0 | 102 | 80 | 120 | | | |
| Sample ID: C09040837-005AMSI | D Sa | mple Matrix | Spike Duplicate | | | Run: MAN | ITECH_090428B | | 04/29 | /09 03:04 |
| Alkalinity, Total as CaCO3 | | 351 | mg/L | 5.0 | 104 | 80 | 120 | 0.6 | 20 | |
| Method: A2510 B | | | | | | | Analytic | al Run: | ORION555A | _0904246 |
| Sample ID: ICV2_090424_2 | Ini | tial Calibratio | on Verification Sta | ndard | | | | | 04/24 | /09 13:53 |
| Conductivity | | 1500 | umhos/cm | 1.0 | 106 | 90 | 110 | | | |
| Method: A2510 B | | | | | | | Ba | tch: 09 |)424_2_PH-\ | W_555A- |
| Sample ID: MBLK1_090424_2 | Me | ethod Blank | | | | Run: ORI | ON555A_090424E | 3 | 04/24 | /09 13:47 |
| Conductivity | | 2 | umhos/cm | 0.2 | | | | | | |
| Sample ID: C09040827-010ADU | P Sa | ımple Duplic | ate | | | Run: ORI | ON555A_090424E | 3 | 04/24 | 1/09 15:03 |
| Conductivity | | 521 | umhos/cm | 1.0 | | | | 0 | 10 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 06/17/09

Work Order: C09040827

| Analyte Cou | nt Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|------------------|-----------------------|--------------|-------------|------------|---------------|---------|------------|------------|
| Method: A2510 B | | | | | | Analytica | Run: | ORION555A | _0904240 |
| Sample ID: ICV2_090424_3 | Initial Calibrat | ion Verification Star | ndard | | | | | 04/24 | /09 15:55 |
| Conductivity | 1480 | umhos/cm | 1.0 | 105 | 90 | 110 | | | |
| Method: A2510 B | | | | .···· | | Bat | ch: 090 | 0424_3_PH- | W_555A- |
| Sample ID: MBLK1_090424_3 | Method Blank | | | | Run: ORIO | N555A_090424C | | 04/24 | /09 15:50 |
| Conductivity | 2 | umhos/cm | 0.2 | | | | | | |
| Sample ID: C09040837-003ADUP | Sample Dupli | cate | | | Run: ORIO | N555A_090424C | | 04/24 | 1/09 16:18 |
| Conductivity | 1450 | umhos/cm | 1.0 | | | | 0.1 | 10 | |
| Method: A2540 C | | | | | | Ва | tch: 09 | 0424_2_SL[| S-TDS-V |
| Sample ID: MBLK1_090424 | Method Blank | | | | Run: BAL-1 | _090424C | | 04/24 | 1/09 14:36 |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | 6 | | | | | | |
| Sample ID: LCS1_090424 | Laboratory Co | ontrol Sample | | | Run: BAL-1 | _090424C | | 04/24 | 1/09 14:36 |
| Solids, Total Dissolved TDS @ 180 C | 998 | mg/L | 10 | 100 | 90 | 110 | | | |
| Sample ID: C09040827-003AMS | Sample Matri | x Spike | | | Run: BAL-1 | _090424C | | 04/24 | 1/09 16:09 |
| Solids, Total Dissolved TDS @ 180 C | 2000 | mg/L | 10 | <u>88</u> | 90 | 110 | | | S |
| Sample ID: C09040827-003AMSD | Sample Matri | x Spike Duplicate | | | Run: BAL-1 | _090424C | | 04/24 | 1/09 16:10 |
| Solids, Total Dissolved TDS @ 180 C | 2000 | mg/L | 10 | <u>88</u> | 90 | 110 | 0.3 | 10 | S |
| Sample ID: C09040827-016AMS | Sample Matri | x Spike | | | Run: BAL-1 | I_090424C | | 04/24 | 1/09 17:06 |
| Solids, Total Dissolved TDS @ 180 C | 2090 | mg/L | 10 | <u>89</u> | 90 | 110 | | | S |
| Sample ID: C09040827-016AMSD | Sample Matri | x Spike Duplicate | | | Run: BAL-1 | I_090424C | | 04/24 | 1/09 17:06 |
| Solids, Total Dissolved TDS @ 180 C | 2100 | mg/L | 10 | <u>89</u> | 90 | 110 | 0.5 | 10 | S |
| Method: A4500-F C | | | | | | | | Batch | : R11746 |
| Sample ID: MBLK-1 | Method Blank | (| | | Run: MAN | TECH_090428A | | 04/28 | 3/09 10:20 |
| Fluoride | ND | mg/L | 0.05 | | | | | | |
| Sample ID: LCS-1 | Laboratory C | ontrol Sample | | | Run: MAN | TECH_090428A | | 04/28 | 8/09 10:23 |
| Fluoride | 1.00 | mg/L | 0.10 | 100 | 90 | 110 | | | |
| Sample ID: C09040827-001AMS | Sample Matri | x Spike | | | Run: MAN | TECH_090428A | | 04/2 | 8/09 14:34 |
| Fluoride | 1.16 | mg/L | 0.10 | 100 | 80 | 120 | | | |
| Sample ID: C09040827-001AMSD | Sample Matri | x Spike Duplicate | | | Run: MAN | TECH_090428A | | 04/2 | 8/09 14:37 |
| Fluoride | 1.16 | mg/L | 0.10 | 100 | 80 | 120 | 0 | 10 | |
| Sample ID: C09040827-011AMS | Sample Matri | x Spike | | | Run: MAN | TECH_090428A | | 04/2 | 8/09 15:19 |
| Fluoride | 1.12 | mg/L | 0.10 | 100 | 80 | 120 | | | |
| Sample ID: C09040827-011AMSD | Sample Matri | x Spike Duplicate | | | Run: MAN | TECH_090428A | | 04/2 | 8/09 15:22 |
| Fluoride | 1.10 | mg/L | 0.10 | 98 | 80 | 120 | 1.8 | 10 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



Client: UR Energy USA Inc

Report Date: 06/17/09

Project: Lost Creek

Work Order: C09040827

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|-----------------|-----------------|----------|------|------------|---------------|----------|-------------|------------|
| Method: A4500-H B | | | | | | | Analytica | Run: | ORION555A | _090424 |
| Sample ID: ICV1_090424_2 | !nit | ial Calibratio | n Verification | Standard | | | | | 04/24 | /09 13:49 |
| pH | | 6.89 | s.u. | 0.010 | 100 | 98 | 102 | | | |
| Method: A4500-H B | | | | | | | Ва | tch: 090 | 0424_2_PH-\ | N_555A- |
| Sample ID: C09040827-010ADUP | Sa | mple Duplica | ate | | | Run: ORIO | N555A_090424B | i | 04/24 | /09 15:03 |
| pH | | 9.08 | s.u. | 0.010 | | | | 0 | 10 | |
| Method: A4500-H B | | | | | | | Analytica | al Run: | ORION555A | _090424 |
| Sample ID: ICV1_090424_3 | Init | tial Calibratio | on Verification | Standard | | | | | 04/24 | /09 15:52 |
| pН | | 6.90 | s.u. | 0.010 | 101 | 98 | 102 | | | |
| Method: A4500-H B | | | | | | | Ва | tch: 090 | 0424_3_PH- | W_555A- |
| Sample ID: C09040837-003ADUF | S a | mple Duplic | ate | | | Run: ORIO | N555A_0904240 | ; | 04/24 | /09 16:18 |
| рН | | 7.31 | s.u. | 0.010 | | | | 0.1 | 10 | |
| Method: E200.7 | | | | | | | | | Ва | tch: 2228 |
| Sample ID: MB-22280 | <u>2</u> Me | thod Blank | | | | Run: ICP3- | C_090508A | | 05/08 | 3/09 23:52 |
| Iron | | ND | mg/L | 0.02 | | | | | | |
| Manganese | | ND | mg/L | 0.02 | | | | | | |
| Sample ID: LCS3-22280 | <u>2</u> La | boratory Co | ntrol Sample | | | Run: ICP3- | C_090508A | | 05/08 | 3/09 23:57 |
| Iron | | 2.31 | mg/L | 0.030 | 92 | 85 | 115 | | | |
| Manganese | | 2.26 | mg/L | 0.020 | 90 | 85 | 115 | | | |
| Sample ID: C09040989-001BMS3 | 3 <u>2</u> Sa | mple Matrix | Spike | | | Run: ICP3- | C_090508A | | 05/09 | 9/09 00:58 |
| Iron | | 4.04 | mg/L | 0.18 | 113 | 70 | 130 | | | |
| Manganese | | 2.67 | mg/L | 0.20 | 107 | 70 | 130 | | | |
| Sample ID: C09040989-001BMSI | D <u>2</u> Sa | mple Matrix | Spike Duplic | ate | | Run: ICP3- | C_090508A | | 05/09 | 9/09 01:0 |
| Iron | | 3.72 | mg/L | 0.18 | 101 | 70 | 130 | 8.1 | 20 | |
| Manganese | | 2.48 | mg/L | 0.20 | 99 | 70 | 130 | 7.7 | 20 | |

RL - Analyte reporting limit.



Client: UR Energy USA Inc

Report Date: 06/17/09

Project: Lost Creek

Work Order: C09040827

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|---------------|-------------|----------------|-------|---------------------|-------------|------------|-----|----------|-----------|
| Method: E200.7 | | | | | | | | | Batch: | R11768 |
| Sample ID: LRB | <u>9</u> Me | thod Blank | | | | Run: ICP3-0 | C_090501A | | 05/01 | /09 15:19 |
| Aluminum | | 0.1 | mg/L | 0.01 | | | | | | |
| Barium | | ND | mg/L | 0.003 | | | | | | |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Iron | | 0.05 | mg/L | 0.01 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Potassium | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Vanadium | | ND | mg/L | 0.002 | | | | | | |
| Sample ID: LFB | <u>9</u> Lat | oratory For | tified Blank | | | Run: ICP3- | C_090501A | | 05/01 | /09 15:24 |
| Aluminum | | 4.53 | mg/L | 0.10 | 88 | 85 | 115 | | | |
| Barium | | 0.951 | mg/L | 0.10 | 95 | 85 | 115 | | | |
| Calcium | | 46.4 | mg/L | 0.50 | 93 | 85 | 115 | | | |
| Iron | | 4.86 | mg/L | 0.030 | 96 | 85 | 115 | | | |
| Magnesium | | 47.5 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Manganese | | 4.69 | mg/L | 0.010 | 94 | 85 | 115 | | | |
| Potassium | | 44.9 | mg/L | 0.50 | 90 | 85 | 115 | | | |
| Sodium | | 45.5 | mg/L | 0.50 | 91 | 85 | 115 | | | |
| Vanadium | | 0.952 | mg/L | 0.10 | 95 | 85 | 115 | | | |
| Sample ID: MB-21862 | <u>9</u> Me | thod Blank | | | | Run: ICP3- | C_090501A | | 05/01 | /09 17:44 |
| Aluminum | | ND | mg/L | 0.01 | | | | | | |
| Barium | | ND | mg/L | 0.003 | | | | | | |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Iron | | ND | mg/L | 0.01 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Potassium | | 0.05 | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Vanadium | | ND | mg/L | 0.002 | | | | | | |
| Sample ID: C09040800-017BMS | <u>9</u> Sa | mple Matrix | Spike | | | Run: ICP3- | C_090501A | | 05/01 | /09 20:38 |
| Aluminum | | 0.463 | mg/L | 0.10 | 91 | 70 | 130 | | | |
| Barium | | 0.470 | mg/L | 0.10 | 86 | 70 | 130 | | | |
| Calcium | | 88.2 | mg/L | 1.0 | 84 | 70 | 130 | | | |
| Iron | | 0.451 | mg/L | 0.030 | 88 | 70 | 130 | | | |
| Magnesium | | 46.7 | mg/L | 1.0 | 88 | 70 | 130 | | | |
| Manganese | | 0.451 | mg/L | 0.010 | 88 | | 130 | | | |
| Potassium | | 48.1 | mg/L | 1.0 | 88 | | 130 | | | |
| Sodium | | 78.2 | mg/L | 1.0 | 87 | | 130 | | | |
| Vanadium | | 0.455 | mg/L | 0.10 | 89 | 70 | 130 | | | |
| Sample ID: C09040800-017BMS | D <u>9</u> Sa | mple Matrix | Spike Duplicat | te | Run: ICP3-C_090501A | | | | | /09 20:42 |
| Aluminum | | 0.465 | mg/L | 0.10 | 91 | 70 | 130 | 0.5 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 06/17/09

Project: Lost Creek

Work Order: C09040827

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|--------------|--------------|-----------------|---------------------|------|------------|------------|-----|----------|-----------|
| Method: E200.7 | | | | - | | | | | Batch: | R117688 |
| Sample ID: C09040800-017BMS[| 9 S | ample Matrix | Spike Duplicate | Run: ICP3-C_090501A | | | | | | /09 20:42 |
| Barium | | 0.475 | mg/L | 0.10 | 87 | 70 | 130 | 1.2 | 20 | |
| Calcium | | 89.1 | mg/L | 1.0 | 86 | 70 | 130 | 1 | 20 | |
| Iron | | 0.455 | mg/L | 0.030 | 89 | 70 | 130 | 0.9 | 20 | |
| Magnesium | | 47.4 | mg/L | 1.0 | 89 | 70 | 130 | 1.3 | 20 | |
| Manganese | | 0.459 | mg/L | 0.010 | 89 | 70 | 130 | 1.8 | 20 | |
| Potassium | | 48.9 | mg/L | 1.0 | 89 | 70 | 130 | 1.5 | 20 | |
| Sodium | | 79.1 | mg/L | 1.0 | 89 | 70 | 130 | 1.1 | 20 | |
| Vanadium | | 0.463 | mg/L | 0.10 | 91 | 70 | 130 | 1.9 | 20 | |
| Sample ID: C09040827-009BMS | <u>9</u> S | ample Matrix | Spike | | | Run: ICP3- | C_090501A | | 05/01 | /09 21:48 |
| Aluminum | | 0.457 | mg/L | 0.10 | 90 | 70 | 130 | | | |
| Barium | | 0.459 | mg/L | 0.10 | 85 | 70 | 130 | | | |
| Calcium | | 125 | mg/L | 1.0 | 83 | 70 | 130 | | | |
| Iron | | 0.441 | mg/L | 0.030 | 86 | 70 | 130 | | | |
| Magnesium | | 48.5 | mg/L | 1.0 | 87 | 70 | 130 | | | |
| Manganese | | 0.450 | mg/L | 0.010 | 86 | 70 | 130 | | | |
| Potassium | | 48.1 | mg/L | 1.0 | 89 | 70 | 130 | | | |
| Sodium | | 77.0 | mg/L | 1.0 | 90 | 70 | 130 | | | |
| Vanadium | | 0.448 | mg/L | 0.10 | 88 | 70 | 130 | | | |
| Sample ID: C09040827-009BMSI | D <u>9</u> S | ample Matrix | Spike Duplicate | | | Run: ICP3- | C_090501A | | 05/01 | /09 21:53 |
| Aluminum | | 0.469 | mg/L | 0.10 | 92 | 70 | 130 | 2.8 | 20 | |
| Barium | | 0.463 | mg/L | 0.10 | 86 | 70 | 130 | 0.9 | 20 | |
| Calcium | | 123 | mg/L | 1.0 | 80 | 70 | 130 | 1.4 | 20 | |
| Iron | | 0.446 | mg/L | 0.030 | 87 | 70 | 130 | 1.2 | 20 | |
| Magnesium | | 48.2 | mg/L | 1.0 | 86 | 70 | 130 | 0.8 | 20 | |
| Manganese | | 0.462 | mg/L | 0.010 | 88 | 70 | 130 | 2.6 | 20 | |
| Potassium | | 47.1 | mg/L | 1.0 | 87 | 70 | 130 | 2.1 | 20 | |
| Sodium | | 75.9 | mg/L | 1.0 | 88 | 70 | 130 | 1.4 | 20 | |
| Vanadium | | 0.457 | mg/L | 0.10 | 90 | 70 | 130 | 2 | 20 | |



Client: UR Energy USA Inc

Report Date: 06/17/09 Work Order: C09040827

Project: Lost Creek

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|---------------|--------------|-----------------|-------|------|------------|------------|-----|----------|------------|
| Method: E200.7 | | | | | | | · | | Batch: | R117736 |
| Sample ID: LRB | <u>2</u> Me | thod Blank | | | | Run: ICP3- | C_090504A | | 05/04 | /09 14:12 |
| Boron | | ND | mg/L | 0.02 | | | | | | |
| Silicon | | ND | mg/L | 0.03 | | | | | | |
| Sample ID: LFB | <u>2</u> Lat | ooratory For | tified Blank | | | Run: ICP3- | C_090504A | | 05/04 | /09 14:17 |
| Boron | | 0.960 | mg/L | 0.10 | 96 | 85 | 115 | | | |
| Silicon | | 9.70 | mg/L | 0.032 | 97 | 85 | 115 | | | |
| Sample ID: C09040800-015BMS | <u>2</u> Sa | mple Matrix | Spike | | | Run: ICP3- | C_090504A | | 05/04 | /09 18:35 |
| Boron | | 0.465 | mg/L | 0.10 | 91 | 70 | 130 | | | |
| Silicon | | 6.58 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sample ID: C09040800-015BMS | D <u>2</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP3- | C_090504A | | 05/04 | /09 18:55 |
| Boron | | 0.480 | mg/L | 0.10 | 94 | 70 | 130 | 3.1 | 20 | |
| Silicon | | 6.45 | mg/L | 0.10 | | 70 | 130 | 2 | 20 | Α |
| Sample ID: MB-22149 | <u>2</u> Me | thod Blank | | | | Run: ICP3- | C_090504A | | 05/04 | /09 19:05 |
| Boron | _ | ND | mg/L | 0.02 | | | | | | |
| Silicon | | ND | mg/L | 0.03 | | | | | | |
| Sample ID: C09040827-008BMS | <u>2</u> Sa | mple Matrix | Spike | | | Run: ICP3- | C_090504A | | 05/04 | /09 20:11 |
| Boron | | 0.458 | mg/L | 0.10 | 90 | 70 | 130 | | | |
| Silicon | | 6.91 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sample ID: C09040827-008BMS | D <u>2</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP3- | C_090504A | | 05/04 | /09 20:17 |
| Boron | | 0.461 | mg/L | 0.10 | 90 | 70 | 130 | 0.5 | 20 | |
| Silicon | | 7.03 | mg/L | 0.10 | | 70 | 130 | 1.7 | 20 | Α |
| Method: E200.7 | | | | | | | | | Batch | : R117860 |
| Sample ID: MB-090506A | Мє | ethod Blank | | | | Run: ICP2- | C_090506A | | 05/06 | 6/09 16:59 |
| Manganese | | ND | mg/L | 0.001 | | | | | | |
| Sample ID: LFB-090506A | La | boratory Fo | rtified Blank | | | Run: ICP2- | C_090506A | | 05/06 | 6/09 17:03 |
| Manganese | | 0.982 | mg/L | 0.010 | 98 | 85 | 115 | | | |
| Sample ID: C09040827-010CMS | 2 Sa | ımple Matrix | (Spike | | | Run: ICP2- | -C_090506A | | 05/06 | 6/09 20:58 |
| Manganese | | 1.94 | mg/L | 0.014 | 97 | 70 | 130 | | | |
| Sample ID: C09040827-010CMS | D Sa | ımple Matrix | Spike Duplicate | | | Run: ICP2- | -C_090506A | | 05/06 | 6/09 21:02 |
| Manganese | | 1.99 | mg/L | 0.014 | 100 | 70 | 130 | 2.8 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated. MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/17/09 Work Order: C09040827

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|--------------------|---------------|--------------|-----------------|-------|------|------------|---------------|-----|----------|------------|
| Method: | E200.7 | | | | | | | | | Batch | R117868 |
| Sample ID: | LRB | Me | thod Blank | | | | Run: ICP3- | C_090506A | | 05/06 | /09 14:45 |
| Iron | | | 0.04 | mg/L | 0.01 | | | | | | |
| Sample ID: | LFB | Lab | oratory For | tified Blank | | | Run: ICP3- | C_090506A | | 05/06 | /09 14:50 |
| Iron | | | 5.38 | mg/L | 0.030 | 107 | 85 | 115 | | | |
| Sample ID: | MB-22149 | Me | thod Blank | | | | Run: ICP3- | C_090506A | | 05/06 | /09 20:16 |
| Iron | | | ND | mg/L | 0.01 | | | | | | |
| Sample ID: | C09040827-014BMS | Sai | mple Matrix | Spike | | | Run: ICP3- | C_090506A | | 05/06 | /09 20:42 |
| Iron | | | 0.452 | mg/L | 0.030 | 89 | 70 | 130 | | | |
| Sample ID: | C09040827-014BMS | D Sa | mple Matrix | Spike Duplicate | | | Run: ICP3- | C_090506A | | 05/06 | /09 20:46 |
| Iron | | | 0.444 | mg/L | 0.030 | 87 | 70 | 130 | 2 | 20 | |
| Method: | E200.7 | | | | | | | | | Batch | : R118034 |
| Sample ID: | MB-090511A | <u>2</u> Me | thod Blank | | | | Run: ICP2- | C_090511A | | 05/11 | /09 13:44 |
| Boron | | | ND | mg/L | 0.03 | | | | | | |
| Silicon | | | ND | mg/L | 0.01 | | | | | | |
| Sample ID: | LFB-090511A | <u>2</u> Lal | boratory For | rtified Blank | | | | C_090511A | | 05/11 | /09 13:48 |
| Boron | | | 1.03 | mg/L | 0.10 | 103 | | 115 | | | |
| Silicon | | | 0.449 | mg/L | 0.015 | 112 | 85 | 115 | | | |
| Sample ID: | C09040827-014BMS | 2 <u>2</u> Sa | mple Matrix | Spike | | | Run: ICP2- | C_090511A | | 05/11 | /09 14:51 |
| Boron | | | 2.08 | mg/L | 0.10 | 102 | 70 | 130 | | | |
| Silicon | | | 7.88 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sample ID: | C09040827-014BMS | D <u>2</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP2- | -C_090511A | | 05/11 | /09 14:55 |
| Boron | | | 2.16 | mg/L | 0.10 | 106 | 70 | 130 | 3.6 | 20 | |
| Silicon | | | 8.12 | mg/L | 0.10 | | 70 | 130 | 3.1 | 20 | Α |
| Method: | E200.8 | - Committee | | | | | | | | Ва | tch: 22280 |
| Sample ID: | MB-22280 | Me | ethod Blank | | | | Run: ICPM | IS4-C_090508A | | 05/09 | 9/09 11:06 |
| Manganes | е | | 0.0003 | mg/L | 4E-05 | | | | | | |
| Sample ID: | LCS3-22280 | La | boratory Co | ntrol Sample | | | Run: ICPM | IS4-C_090508A | | 05/09 | 9/09 11:13 |
| Manganes | е | | 2.58 | mg/L | 0.010 | 103 | 85 | 115 | | | |
| Sample ID: | : C09040989-001BMS | 3 Sa | ımple Matrix | Spike | | | Run: ICPM | IS4-C_090508A | | 05/09 | 9/09 12:51 |
| Manganes | е | | 2.82 | mg/L | 0.010 | 109 | 70 | 130 | | | |
| Sample ID: | C09040989-001BMS | D Sa | mple Matrix | Spike Duplicate | | | Run: ICPM | IS4-C_090508A | | | 9/09 12:57 |
| Manganes | е | | 2.77 | mg/L | 0.010 | 107 | 70 | 130 | 1.8 | 20 | |
| | | | | | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



UR Energy USA Inc Client:

Project: Lost Creek

Chromium

Sample ID: LFB

Copper Lead

Report Date: 06/17/09

05/01/09 14:28

Work Order: C09040827

RL %REC Low Limit High Limit RPD RPDLimit Qual Units Count Result Analyte Batch: R117678 Method: E200.8 05/01/09 14:21 Run: ICPMS2-C_090501A Sample ID: LRB 15 Method Blank mg/L 0.002 Aluminum 0.0003 mg/L ND Arsenic ND mg/L 3E-05 Barium 6E-05 ND mg/L Cadmium

8E-05

4E-05

2E-05

5E-05

| Manganese | ND | mg/L | 5E-05 |
|------------|--------|------|-------|
| Mercury | ND | mg/L | 4E-05 |
| Molybdenum | ND | mg/L | 4E-05 |
| Nickel | ND | mg/L | 9E-05 |
| Selenium | ND | mg/L | 0.001 |
| Uranium | ND | mg/L | 8E-06 |
| Vanadium | ND | mg/L | 9E-05 |
| Zinc | 0.0008 | mg/L | 6E-05 |

ND

ND

ND

ND

15 Laboratory Fortified Blank

mg/L

mg/L

mg/L

mg/L

| Aluminum | 0.0466 | mg/L | 0.0022 | 93 | 85 | 115 |
|------------|---------|------|---------|-----|----|-----|
| Arsenic | 0.0491 | mg/L | 0.0010 | 98 | 85 | 115 |
| Barium | 0.0502 | mg/L | 0.0010 | 100 | 85 | 115 |
| Cadmium | 0.0499 | mg/L | 0.0010 | 100 | 85 | 115 |
| Chromium | 0.0492 | mg/L | 0.0010 | 98 | 85 | 115 |
| Copper | 0.0494 | mg/L | 0.0010 | 99 | 85 | 115 |
| Lead | 0.0494 | mg/L | 0.0010 | 99 | 85 | 115 |
| Manganese | 0.0496 | mg/L | 0.0010 | 99 | 85 | 115 |
| Mercury | 0.00504 | mg/L | 0.0010 | 101 | 85 | 115 |
| Molybdenum | 0.0500 | mg/L | 0.0010 | 100 | 85 | 115 |
| Nickel | 0.0492 | mg/L | 0.0010 | 98 | 85 | 115 |
| Selenium | 0.0493 | mg/L | 0.0014 | 99 | 85 | 115 |
| Uranium | 0.0483 | mg/L | 0.00030 | 97 | 85 | 115 |
| Vanadium | 0.0492 | mg/L | 0.0010 | 98 | 85 | 115 |
| Zinc | 0.0498 | mg/L | 0.0010 | 98 | 85 | 115 |

| Zinc | 0.0498 | mg/L | 0.0010 | 98 | 85 | 115 | |
|------------------------------|------------------|-------|--------|------------|-------------|-----------|----------------|
| Sample ID: C09040827-002BMS4 | 15 Sample Matrix | Spike | | R | un: ICPMS2- | C_090501A | 05/02/09 03:35 |
| Aluminum | 0.0436 | mg/L | 0.0010 | 87 | 70 | 130 | |
| Arsenic | 0.0507 | mg/L | 0.0010 | 100 | 70 | 130 | |
| Barium | 0.0665 | mg/L | 0.0010 | <u>133</u> | 70 | 130 | S |
| Cadmium | 0.0480 | mg/L | 0.010 | 96 | 70 | 130 | |
| Chromium | 0.0460 | mg/L | 0.0010 | 92 | 70 | 130 | |
| Copper | 0.0471 | mg/L | 0.010 | 94 | 70 | 130 | |
| Lead | 0.0501 | mg/L | 0.050 | 100 | 70 | 130 | |
| Manganese | 0.0475 | mg/L | 0.010 | 94 | 70 | 130 | |
| Mercury | 0.00508 | mg/L | 0.0010 | 102 | 70 | 130 | |
| Molybdenum | 0.0495 | mg/L | 0.0010 | 99 | 70 | 130 | |
| | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

Run: ICPMS2-C_090501A



Client: UR Energy USA Inc

Report Date: 06/17/09

Project: Lost Creek

Work Order: C09040827

| Analyte | Count Resu | ılt Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-----------------------|----------------|---------|-------------|-----------|---------------|-----|----------|------------|
| Method: E200.8 | | | | | | 1 MATERIA | | Batch | R11767 |
| Sample ID: C09040827-002BMS4 | 15 Sample Ma | atrix Spike | | | Run: ICPM | S2-C_090501A | | 05/02 | /09 03:35 |
| Nickel | 0.048 | 35 mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Selenium | 0.062 | 28 mg/L | 0.0010 | 125 | 70 | 130 | | | |
| Uranium | 0.50 | | 0.00030 | <u>1010</u> | 70 | 130 | | | S |
| Vanadium | 0.04 | 78 mg/L | 0.0010 | 96 | 70 | 130 | | | |
| Zinc | 0.062 | | 0.010 | 126 | 70 | 130 | | | |
| Sample ID: C09040827-002BMSI | D <u>15</u> Sample Ma | atrix Spike Du | plicate | | Run: ICPM | S2-C_090501A | | 05/02 | /09 03:42 |
| Aluminum | 0.04 | 29 mg/L | 0.0010 | 86 | 70 | 130 | 1.5 | 20 | |
| Arsenic | 0.05 | 04 mg/L | 0.0010 | 100 | 70 | 130 | 0.7 | 20 | |
| Barium | 0.06 | 74 mg/L | 0.0010 | <u>135</u> | 70 | 130 | 1.3 | 20 | S |
| Cadmium | 0.04 | 85 mg/L | 0.010 | 97 | 70 | 130 | 1 | 20 | |
| Chromium | 0.04 | 62 mg/L | 0.0010 | 92 | 70 | 130 | 0.3 | 20 | |
| Copper | 0.04 | 64 mg/L | 0.010 | 93 | 70 | 130 | 1.5 | 20 | |
| Lead | 0.05 | 04 mg/L | 0.050 | 101 | 70 | 130 | 0.6 | 20 | |
| Manganese | 0.04 | 82 mg/L | 0.010 | 96 | 70 | 130 | 1.5 | 20 | |
| Mercury | 0.005 | 18 mg/L | 0.0010 | 104 | 70 | 130 | 1.9 | 20 | |
| Molybdenum | 0.05 | 03 mg/L | 0.0010 | 101 | 70 | 130 | 1.5 | 20 | |
| Nickel | 0.04 | 77 mg/L | 0.0010 | 95 | 70 | 130 | 1.7 | 20 | |
| Selenium | 0.06 | 23 mg/L | 0.0010 | 124 | 70 | 130 | 8.0 | 20 | |
| Uranium | 0.5 | 09 mg/L | 0.00030 | 1020 | 70 | 130 | 0.4 | 20 | S |
| Vanadium | 0.04 | 77 mg/L | 0.0010 | 95 | 70 | 130 | 0.1 | 20 | |
| Zinc | 0.06 | 22 mg/L | 0.010 | 124 | 70 | 130 | 1.2 | 20 | |
| Sample ID: C09040827-012BMS4 | 4 <u>15</u> Sample M | atrix Spike | | | Run: ICPM | S2-C_090501A | | 05/02 | 2/09 05:23 |
| Aluminum | 0.05 | 78 mg/L | 0.0010 | 88 | 70 | 130 | | | |
| Arsenic | 0.05 | 23 mg/L | 0.0010 | 99 | 70 | 130 | | | |
| Barium | 0.08 | 05 mg/L | 0.0010 | 99 | 70 | 130 | | | |
| Cadmium | 0.04 | 79 mg/L | 0.010 | 96 | 70 | 130 | | | |
| Chromium | 0.04 | 59 mg/L | 0.0010 | 92 | 70 | 130 | | | |
| Copper | 0.04 | • | 0.010 | 92 | 70 | 130 | | | |
| Lead | 0.04 | | 0.0010 | 97 | 70 | 130 | | | |
| Manganese | 0.04 | 77 mg/L | 0.010 | 92 | | 130 | | | |
| Mercury | 0.004 | 95 mg/L | 0.0010 | 99 | | 130 | | | |
| Molybdenum | 0.04 | 94 mg/L | 0.0010 | 97 | | 130 | | | |
| Nickel | 0.04 | 72 mg/L | 0.0010 | 92 | | 130 | | | |
| Selenium | 0.04 | 98 mg/L | 0.0010 | 100 | | 130 | | | |
| Uranium | 0.05 | • | 0.00030 | 99 | | 130 | | | |
| Vanadium | 0.04 | • | 0.0010 | 94 | | 130 | | | |
| Zinc | 0.05 | 71 mg/L | 0.010 | 94 | . 70 | 130 | | | |
| Sample ID: C09040827-012BMS | | | | | | IS2-C_090501A | | | 2/09 05:30 |
| Aluminum | 0.05 | = | 0.0010 | 89 | | 130 | 0.5 | | |
| Arsenic | 0.05 | • | 0.0010 | 99 | | 130 | 0.2 | | |
| Barium | 0.07 | '96 mg/L | 0.0010 | 97 | 70 | 130 | 1.1 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



Client: UR Energy USA Inc

Report Date: 06/17/09

Project: Lost Creek

Work Order: C09040827

| Analyte | Count Re | esult | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-----------|--------|-----------------|---------|------|-----------|--------------|-----|----------|-----------|
| Method: E200.8 | | | | | | | | | Batch: | R117678 |
| Sample ID: C09040827-012BMSD | 15 Sample | Matrix | Spike Duplicate | | | Run: ICPM | S2-C_090501A | | 05/02 | /09 05:30 |
| Cadmium | 0. | 0484 | mg/L | 0.010 | 97 | 70 | 130 | 0.9 | 20 | |
| Chromium | 0. | 0455 | mg/L | 0.0010 | 91 | 70 | 130 | 0.7 | 20 | |
| Copper | 0. | 0463 | mg/L | 0.010 | 92 | 70 | 130 | 0 | 20 | |
| Lead | 0. | 0485 | mg/L | 0.0010 | 96 | 70 | 130 | 1.2 | 20 | |
| Manganese | 0. | 0474 | mg/L | 0.010 | 91 | 70 | 130 | 0.6 | 20 | |
| Mercury | 0.0 | 0488 | mg/L | 0.0010 | 98 | 70 | 130 | 1.5 | 20 | |
| Molybdenum | 0. | 0499 | mg/L | 0.0010 | 98 | 70 | 130 | 1.1 | 20 | |
| Nickel | 0. | 0475 | mg/L | 0.0010 | 92 | 70 | 130 | 0.7 | 20 | |
| Selenium | 0. | 0504 | mg/L | 0.0010 | 101 | 70 | 130 | 1.2 | 20 | |
| Uranium | 0. | 0584 | mg/L | 0.00030 | 98 | 70 | 130 | 8.0 | 20 | |
| Vanadium | 0. | 0472 | mg/L | 0.0010 | 94 | 70 | 130 | 0.1 | 20 | |
| Zinc | 0. | 0542 | mg/L | 0.010 | 89 | 70 | 130 | 5.2 | 20 | |



Client: UR Energy USA Inc

Report Date: 06/17/09

Work Order: C09040827 Project: Lost Creek

| Analyte | Count | Result | Units | RL | %REC L | ow Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-----------------|-------------|--------------|---------|--------|------------|--------------|-----|----------|-----------|
| Method: E200.8 | | | | | | | | | Batch: | R117798 |
| Sample ID: LRB | <u>10</u> Met | hod Blank | | | F | Run: ICPMS | S2-C_090505B | | 05/05/ | 09 13:44 |
| Arsenic | | ND | mg/L | 0.0003 | | | | | | |
| Cadmium | | ND | mg/L | 6E-05 | | | | | | |
| Chromium | | ND | mg/L | 8E-05 | | | | | | |
| Copper | | ND | mg/L | 4E-05 | | | | | | |
| Lead | | ND | mg/L | 2E-05 | | | | | | |
| Molybdenum | | ND | mg/L | 4E-05 | | | | | | |
| Nickel | | ND | mg/L | 9E-05 | | | | | | |
| Selenium | | ND | mg/L | 0.001 | | | | | | |
| Uranium | | ND | mg/L | 8E-06 | | | | | | |
| Zinc | | 0.001 | mg/L | 6E-05 | | | | | | |
| Sample ID: LFB | <u>10</u> Lab | oratory For | tified Blank | | F | Run: ICPMS | S2-C_090505B | | 05/05 | /09 13:50 |
| Arsenic | | 0.0442 | mg/L | 0.0010 | 88 | 85 | 115 | | | |
| Cadmium | | 0.0450 | mg/L | 0.0010 | 90 | 85 | 115 | | | |
| Chromium | | 0.0446 | mg/L | 0.0010 | 89 | 85 | 115 | | | |
| Copper | | 0.0434 | mg/L | 0.0010 | 87 | 85 | 115 | | | |
| Lead | | 0.0454 | mg/L | 0.0010 | 91 | 85 | 115 | | | |
| Molybdenum | | 0.0466 | mg/L | 0.0010 | 93 | 85 | 115 | | | |
| Nickel | | 0.0430 | mg/L | 0.0010 | 86 | 85 | 115 | | | |
| Selenium | | 0.0440 | mg/L | 0.0014 | 88 | 85 | 115 | | | |
| Uranium | | 0.0463 | mg/L | 0.00030 | 93 | 85 | 115 | | | |
| Zinc | | 0.0462 | mg/L | 0.0010 | 90 | 85 | 115 | | | |
| Sample ID: C09050043-002BMS4 | 4 <u>10</u> San | nple Matrix | Spike | | F | Run: ICPMS | S2-C_090505B | | 05/05 | /09 15:45 |
| Arsenic | | 0.0521 | mg/L | 0.0010 | 99 | 70 | 130 | | | |
| Cadmium | | 0.0481 | mg/L | 0.010 | 96 | 70 | 130 | | | |
| Chromium | | 0.0455 | mg/L | 0.0010 | 87 | 70 | 130 | | | |
| Copper | | 0.0542 | mg/L | 0.010 | 90 | 70 | 130 | | | |
| Lead | | 0.0508 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Molybdenum | | 1.02 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Nickel | | 0.0485 | mg/L | 0.0010 | 89 | 70 | 130 | | | |
| Selenium | | 0.204 | mg/L | 0.0010 | 93 | 70 | 130 | | | |
| Uranium | | 0.413 | mg/L | 0.00030 | | 70 | 130 | | | Α |
| Zinc | | 0.0640 | mg/L | 0.010 | 92 | 70 | 130 | | | |
| Sample ID: C09050043-002BMS | D <u>10</u> Sar | nple Matrix | Spike Dupli | cate | F | Run: ICPM: | S2-C_090505B | | 05/05 | /09 15:52 |
| Arsenic | | 0.0517 | mg/L | 0.0010 | 98 | 70 | 130 | 0.9 | 20 | |
| Cadmium | | 0.0486 | mg/L | 0.010 | 97 | 70 | 130 | 1 | 20 | |
| Chromium | | 0.0460 | mg/L | 0.0010 | 88 | 70 | 130 | 1.1 | 20 | |
| Copper | | 0.0545 | mg/L | 0.010 | 90 | 70 | 130 | 0.5 | 20 | |
| Lead | | 0.0500 | mg/L | 0.0010 | 100 | 70 | 130 | 1.5 | 20 | |
| Molybdenum | | 1.03 | mg/L | 0.10 | | 70 | 130 | 0.8 | 20 | Α |
| Nickel | | 0.0492 | mg/L | 0.0010 | 91 | 70 | 130 | 1.4 | 20 | |
| Selenium | | 0.206 | mg/L | 0.0010 | 97 | 70 | 130 | 1 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



Client: UR Energy USA Inc

Report Date: 06/17/09

Project: Lost Creek

Work Order: C09040827

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|--------------|---------------|---------|------|------------|--------------|-----|----------|------------|
| Method: E200.8 | | | | | | | ., | | Batch: | R117798 |
| Sample ID: C09050043-002BMSI |) <u>10</u> Sa | mple Matrix | Spike Duplica | ite | | Run: ICPMS | S2-C_090505B | | 05/05 | /09 15:52 |
| Uranium | | 0.407 | mg/L | 0.00030 | | 70 | 130 | 1.5 | 20 | Α |
| Zinc | | 0.0636 | mg/L | 0.010 | 92 | 70 | 130 | 0.6 | 20 | |
| Method: E200.8 | | | | | | | | | Batch: | R119541 |
| Sample ID: LRB | Ме | thod Blank | | | | Run: ICPM | S4-C_090615A | | 06/15 | /09 11:20 |
| Mercury | | ND | mg/L | 4E-05 | | | | | | |
| Sample ID: LFB | Lal | boratory For | tified Blank | | | Run: ICPM | S4-C_090615A | | 06/15 | /09 11:27 |
| Mercury | | 0.00524 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Sample ID: C09040827-002BMS4 | 4 Sa | mple Matrix | Spike | | | Run: ICPM | S4-C_090615A | | 06/15 | /09 12:08 |
| Mercury | | 0.00540 | mg/L | 0.0010 | 108 | 70 | 130 | | | |
| Sample ID: C09040827-002BMS | D Sa | mple Matrix | Spike Duplica | ate | | Run: ICPM | S4-C_090615A | | 06/15 | /09 12:14 |
| Mercury | | 0.00552 | mg/L | 0.0010 | 110 | 70 | 130 | 2.2 | 20 | |
| Method: E300.0 | | | | | | | | | Batch | : R117690 |
| Sample ID: LCS | <u>2</u> Lal | boratory Co | ntrol Sample | | | Run: IC1-C | _090430A | | 04/30 | /09 15:38 |
| Chloride | | 9.62 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sulfate | | 38.5 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sample ID: MBLK | <u>2</u> Me | thod Blank | | | | Run: IC1-C | _090430A | | 04/30 | /09 15:54 |
| Chloride | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: C09040827-001AMS | <u>2</u> Sa | mple Matrix | Spike | | | Run: IC1-C | _090430A | | 05/01 | /09 00:22 |
| Chloride | | 25.7 | mg/L | 1.0 | 104 | 90 | 110 | | | |
| Sulfate | | 241 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sample ID: C09040827-001AMS | D <u>2</u> Sa | mple Matrix | Spike Duplica | ate | | Run: IC1-C | _090430A | | 05/01 | /09 00:38 |
| Chloride | | 26.2 | mg/L | 1.0 | 106 | 90 | 110 | 1.9 | 20 | |
| Sulfate | | 242 | mg/L | 1.0 | 99 | 90 | 110 | 0.5 | 20 | |
| Sample ID: C09040827-011AMS | <u>2</u> Sa | ımple Matrix | Spike | | | Run: IC1-C | _090430A | | 05/01 | /09 03:58 |
| Chloride | | 26.8 | mg/L | 1.0 | 106 | 90 | 110 | | | |
| Sulfate | | 247 | mg/L | 1.0 | 102 | 90 | 110 | | | |
| Sample ID: C09040827-011AMS | D <u>2</u> Sa | ımple Matrix | Spike Duplic | ate | | Run: IC1-C | | | | 1/09 04:13 |
| Chloride | | 27.3 | mg/L | 1.0 | 108 | | 110 | 2 | | |
| Sulfate | | 249 | mg/L | 1.0 | 104 | 90 | 110 | 0.5 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/17/09 Work Order: C09040827

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------|------------------|--------------|-------------------|---------------------|--------|-----------|------------|------------|----------|--------------|-----------|
| Method: | E300.0 | ****** | | | | | | | | Batch: | R118051 |
| Sample ID: | LCS | <u>2</u> L | aboratory Cor | ntrol Sample | | | Run: IC1-C | _090511A | | 05/11/ | 09 16:04 |
| Chloride | | | 9.85 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Sulfate | | | 38.8 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sample ID: | MBLK | <u>2</u> M | lethod Blank | | | | Run: IC1-C | _090511A | | 05/11/ | 09 16:19 |
| Chloride | | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: | C09040856-002AMS | <u>2</u> S | Sample Matrix | Spike | | | Run: IC1-C | _090511A | | 05/11/ | 09 19:24 |
| Chloride | | | 57.0 | mg/L | 1.0 | 99 | | 110 | | | |
| Sulfate | | | 1130 | mg/L | 1.0 | | 90 | 110 | | | Α |
| Sample ID: | C09040856-002AMS | D <u>2</u> S | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090511A | | | 09 19:40 |
| Chloride | | | 56.8 | mg/L | 1.0 | 99 | 90 | 110 | 0.3 | 20 | |
| Sulfate | | | 1120 | mg/L | 1.0 | | 90 | 110 | 0.6 | 20 | Α |
| Method: | E350.1 | | | | | | | | Analytic | cal Run: SUB | -B128697 |
| Sample ID: | ICV | lt | nitial Calibratio | on Verification Sta | indard | | | | | 04/30/ | /09 13:31 |
| Nitrogen, A | mmonia as N | | 5.53 | mg/L | 0.11 | 101 | 90 | 110 | | | |
| Method: | E350.1 | | | | | | | | | Batch: B_ | R128697 |
| Sample ID: | MBLK | N | /lethod Blank | | | | Run: SUB- | B128697 | | 04/30/ | /09 13:32 |
| Nitrogen, A | mmonia as N | | ND | mg/L | 0.02 | | | | | | |
| Sample ID: | LFB | Ł | aboratory For | tified Blank | | | Run: SUB- | B128697 | | 04/30/ | /09 13:34 |
| Nitrogen, A | mmonia as N | | 0.966 | mg/L | 0.10 | 98 | 90 | 110 | | | |
| Sample ID: | B09042555-003EMS | S | Sample Matrix | Spike | | | Run: SUB- | B128697 | | 04/30/ | /09 14:22 |
| Nitrogen, A | mmonia as N | | 0.801 | mg/L | 0.050 | <u>80</u> | 90 | 110 | | | S |
| Sample ID: | B09042555-003EMS | D S | Sample Matrix | Spike Duplicate | | | Run: SUB- | B128697 | | 04/30/ | /09 14:24 |
| Nitrogen, A | mmonia as N | | 0.792 | mg/L | 0.050 | <u>79</u> | 90 | 110 | 1.1 | 10 | S |
| Sample ID: | C09040827-011E | 8 | Sample Matrix | Spike | | | Run: SUB- | B128697 | | 04/30 | /09 14:37 |
| Nitrogen, A | mmonia as N | | 0.608 | mg/L | 0.050 | <u>59</u> | 90 | 110 | | | S |
| Sample ID: | C09040827-011E | 5 | Sample Matrix | Spike Duplicate | | | Run: SUB- | B128697 | | 04/30 | /09 14:38 |
| Nitrogen, A | mmonia as N | | 0.607 | mg/L | 0.050 | <u>59</u> | 90 | 110 | 0.2 | 10 | S |
| | | | | | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



Client: UR Energy USA Inc

Report Date: 06/17/09

Project: Lost Creek

Work Order: C09040827

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------------------------|-------|----------------|---------------------|-------|------|------------|------------|----------|-------------|-----------|
| Method: E353.2 | | | | | | | | Analytic | al Run: SUB | -B128594 |
| Sample ID: ICV | Initi | al Calibration | on Verification Sta | ndard | | | | | 04/29/ | /09 10:18 |
| Nitrogen, Nitrate+Nitrite as N | | 36.6 | mg/L | 0.050 | 104 | 90 | 110 | | | |
| Method: E353.2 | | | | | | | | | Batch: B_ | R128594 |
| Sample ID: MBLK | Met | hod Blank | | | | Run: SUB- | 3128594 | | 04/29/ | /09 10:19 |
| Nitrogen, Nitrate+Nitrite as N | | 0.002 | mg/L | 0.002 | | | | | | |
| Sample ID: LFB | Lab | oratory For | tified Blank | | | Run: SUB- | 3128594 | | 04/29/ | /09 10:20 |
| Nitrogen, Nitrate+Nitrite as N | | 0.993 | mg/L | 0.050 | 101 | 90 | 110 | | | |
| Sample ID: C09040827-013E | Sar | nple Matrix | Spike | | | Run: SUB-E | 3128594 | | 04/29 | /09 13:00 |
| Nitrogen, Nitrate+Nitrite as N | | 0.967 | mg/L | 0.050 | 99 | 90 | 110 | | | |
| Sample ID: C09040827-013E | Sar | nple Matrix | Spike Duplicate | | | Run: SUB-I | 3128594 | | 04/29 | /09 13:01 |
| Nitrogen, Nitrate+Nitrite as N | | 0.967 | mg/L | 0.050 | 99 | 90 | 110 | 0 | 10 | |
| Sample ID: B09042549-001DMS | Sar | nple Matrix | Spike | | | Run: SUB- | 3128594 | | 04/29 | /09 12:26 |
| Nitrogen, Nitrate+Nitrite as N | | 1.58 | mg/L | 0.050 | 105 | 90 | 110 | | | |
| Sample ID: B09042549-001DMS | D Sar | nple Matrix | Spike Duplicate | | | Run: SUB-I | 3128594 | | 04/29 | /09 12:28 |
| Nitrogen, Nitrate+Nitrite as N | | 1.56 | mg/L | 0.050 | 103 | 90 | 110 | 1.5 | 10 | |
| Sample ID: B09042555-015EMS | Sar | nple Matrix | Spike | | | Run: SUB-I | 3128594 | | 04/29 | /09 14:07 |
| Nitrogen, Nitrate+Nitrite as N | | 0.945 | mg/L | 0.050 | 96 | 90 | 110 | | | |
| Sample ID: B09042555-015EMS | D Sar | nple Matrix | Spike Duplicate | | | Run: SUB-I | 3128594 | | 04/29 | /09 14:08 |
| Nitrogen, Nitrate+Nitrite as N | | 0.942 | mg/L | 0.050 | 95 | 90 | 110 | 0.3 | 10 | |



Client: UR Energy USA Inc

Report Date: 06/17/09

Project: Lost Creek

Work Order: C09040827

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High | Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|--------------|-----------------|----|------|-----------|--------|--------------------|------|-----------|-----------|
| Method: E900.0 | | | | | | | •• | | | Batch: G | rAB-0646 |
| Sample ID: MB-GrAB-0646 | <u>6</u> Me | thod Blank | | | | Run: TENN | IELEC- | 3_090508/ | | 05/12 | /09 03:46 |
| Gross Alpha | | 1 | pCi/L | | | | | | | | |
| Gross Alpha precision (±) | | 0.6 | pCi/L | | | | | | | | |
| Gross Alpha MDC | | 0.5 | pCi/L | | | | | | | | |
| Gross Beta | | 0.03p0 | Ci/L | | | | | | | | U |
| Gross Beta precision (±) | | 2 | pCi/L | | | | | | | | |
| Gross Beta MDC | | 2 | pCi/L | | | | | | | | |
| Sample ID: UNAT-GrAB-0646 | Lal | ooratory Co | ntrol Sample | | | Run: TENN | ELEC- | -3_090508/ | ١ | 05/12 | /09 03:46 |
| Gross Alpha | | 120 | pCi/L | | 84 | 70 | | 130 | | | |
| Sample ID: Cs137-GrAB-0646 | Lal | ooratory Coi | ntrol Sample | | | Run: TENN | IELEC- | -3_090508/ | | 05/12 | /09 03:46 |
| Gross Beta | | 98 | pCi/L | | 106 | 70 | | 130 | | | |
| Sample ID: C09040827-009DDUF | • <u>6</u> Sa | mple Duplic | ate | | | Run: TENN | IELEC- | -3_090508 <i>A</i> | ١ | 05/12 | /09 03:46 |
| Gross Alpha | | 417 | pCi/L | | | | | | 1.7 | 14.2 | |
| Gross Alpha precision (±) | | 8.72p0 | Ci/L | | | | | | | | |
| Gross Alpha MDC | | 1.68p0 | Ci/L | | | | | | | | |
| Gross Beta | | 103 | pCi/L | | | | | | 7.6 | 16.3 | |
| Gross Beta precision (±) | | 3.15p0 | Ci/L | | | | | | | | |
| Gross Beta MDC | | 2.94p0 | Ci/L | | | | | | | | |
| Sample ID: C09040827-015DMS | Sa | mple Matrix | Spike | | | | IELEC- | -3_090508/ | ١. | 05/14 | /09 03:39 |
| Gross Alpha | | 127 | pCi/L | | 91 | 70 | | 130 | | | |
| Sample ID: C09040827-015DMS | D Sa | mple Matrix | Spike Duplicate | | | Run: TENN | IELEC- | -3_090508/ | ١. | 05/14 | /09 03:39 |
| Gross Alpha | | 136 | pCi/L | | 98 | 70 | | 130 | 7.4 | 15.3 | |
| Sample ID: C09040827-015DMS | Sa | mple Matrix | Spike | | | Run: TENN | IELEC- | -3_090508/ | ١ | 05/14 | /09 03:39 |
| Gross Beta | | 91.2p0 | | | 102 | | | 130 | | | |
| Sample ID: C09040827-015DMS | D Sa | mple Matrix | Spike Duplicate | | | Run: TENN | IELEC- | -3_090508/ | ١ | 05/14 | /09 03:39 |
| Gross Beta | | 95.5p0 | Ci/L | | 106 | 70 | | 130 | 4.6 | 16.3 | |
| Method: E903.0 | | | - | | | | | | | Batch: RA | 1226-3626 |
| Sample ID: C09040800-017DMS | Sa | mple Matrix | Spike | | | Run: BER1 | THOLD | 770-1_090 | 430A | 05/14 | /09 08:58 |
| Radium 226 | | 24 | pCi/L | | 106 | 70 | | 130 | | | |
| Sample ID: C09040800-017DMS | D Sa | mple Matrix | Spike Duplicate | | | Run: BER | THOLD | 770-1_090 | 430A | 05/14 | /09 08:58 |
| Radium 226 | | 23 | pCi/L | | 102 | 70 | | 130 | 2.5 | 20.8 | |
| Sample ID: MB-RA226-3626 | <u>3</u> Me | ethod Blank | | | | Run: BERT | THOLD | 770-1_090 | 430A | 05/14 | /09 11:03 |
| Radium 226 | | -0.1 | pCi/L | | | | | | | | U |
| Radium 226 precision (±) | | 0.07pt | | | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | | |
| Sample ID: LCS-RA226-3626 | La | boratory Co | ntrol Sample | | | | THOLD | 770-1_090 | 430A | 05/14 | /09 11:03 |
| Radium 226 | | 7.7 | pCi/L | | 98 | 70 | | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration

Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/17/09 Work Order: C09040827

| Analyte | Count Result | Units | RL %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------|----------------|--------------------|---------|-----------|---|------|-----------|------------|
| Method: E903.0 | | | | | *************************************** | | Batch: RA | 226-3627 |
| Sample ID: C09040827-010DMS | Sample Matri | x Spike | | Run: BERT | HOLD 770-2_090 | 430B | 05/16 | /09 19:56 |
| Radium 226 | 26 | pCi/L | 100 | 70 | 130 | | | |
| Sample ID: C09040827-010DMSI | Sample Matri | x Spike Duplicate | | Run: BERT | HOLD 770-2_090 | 430B | 05/16 | /09 19:56 |
| Radium 226 | 26 | pCi/L | 102 | 70 | 130 | 1.1 | 21.5 | |
| Sample ID: MB-RA226-3627 | 3 Method Blank | < | | Run: BERT | HOLD 770-2_090 | 430B | 05/16 | /09 21:41 |
| Radium 226 | -0.2 | pCi/L | | | | | | U |
| Radium 226 precision (±) | 0.1 | pCi/L | | | | | | |
| Radium 226 MDC | 0.3 | pCi/L | | | | | | |
| Sample ID: LCS-RA226-3627 | Laboratory C | ontrol Sample | | Run: BERT | HOLD 770-2_090 | 430B | 05/16 | /09 21:41 |
| Radium 226 | 7.3 | pCi/L | 95 | 70 | 130 | | | |
| Method: RA-05 | | | | | | | Bat | ch: 22149 |
| Sample ID: LCS-228-RA226-3627 | 7 Laboratory C | ontrol Sample | | Run: TENN | IELEC-3_090429 | 3 | 05/11 | /09 09:00 |
| Radium 228 | • | pCi/L | 98 | 70 | 130 | | | |
| Sample ID: MB-RA226-3627 | 3 Method Blani | k | | Run: TENN | NELEC-3_090429 | 3 | 05/11 | /09 09:00 |
| Radium 228 | 3 | pCi/L | | | | | | |
| Radium 228 precision (±) | 1 | pCi/L | | | | | | |
| Radium 228 MDC | 2 | pCi/L | | | | | | |
| Sample ID: C09040827-016DMS | Sample Matr | ix Spike | | Run: TENN | NELEC-3_090429 | 3 | 05/11 | /09 09:00 |
| Radium 228 | 27.7 | pCi/L | 117 | 70 | 130 | | | |
| Sample ID: C09040827-016DMSI | D Sample Matr | ix Spike Duplicate | | Run: TENN | NELEC-3_090429 | 3 | 05/11 | /09 09:00 |
| Radium 228 | 25.5 | pCi/L | 104 | 70 | 130 | 8.4 | 29.4 | |
| Method: RA-05 | | | | | | | Batch | : R11796 |
| Sample ID: LCS-228-RA226-3626 | 6 Laboratory C | ontrol Sample | | Run: TENN | NELEC-3_090430 | 3 | 05/08 | /09 15:16 |
| Radium 228 | 7.97 | pCi/L | 94 | 70 | 130 | | | |
| Sample ID: MB-RA226-3626 | 3 Method Blan | k | | Run: TENN | NELEC-3_090430 | 3 | 05/08 | 3/09 15:16 |
| Radium 228 | -0.3 | pCi/L | | | | | | U |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | | | |
| Radium 228 MDC | 1 | pCi/L | | | | | | |
| Sample ID: C09040800-017DMS | Sample Matr | ix Spike | | Run: TEN | NELEC-3_0904308 | 3 | 05/08 | 3/09 15:17 |
| Radium 228 | • | pCi/L | 102 | ? 70 | 130 | | | |
| Sample ID: C09040800-017DMS | D Sample Matr | ix Spike Duplicate | | Run: TEN | NELEC-3_090430 | 3 | 05/08 | 3/09 15:17 |
| Radium 228 | 24.7 | pCi/L | 110 | 70 | 130 | 5.4 | 30.1 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration

| ENERCY |
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| ENERGY |
| LABORATORIES |

Chain of Custody and Analytical Request Record

| Page | 1 | of 2 |
|------|---|------|
| | | |

| Company Name: | | | Project Name, PWS, Permit, Etc. | | | | | | Sample Origin EPA/State Compliance | | | ate Compliance: | | | |
|---|--------------------|--------------------|--|-------|---|---|------|-----------|------------------------------------|--------------|--------|----------------------|--|---------------------|--|
| Ur-Energy | | | Lost Creek | | | | | | State | Wy | Yes 🗆 |] No 🗹 | | | |
| Report Mail Address: 5880 Enterprise Dr. Suite 200 | | | Contact Name: Phone/Fax: | | | | | ' | Email: Sar | | Sample | er: (Please Print) . | | | |
| | | | John Cash 307-265-2373 | | | | | | | | | | | | |
| Invoice Address: Same | | | Invoice Contact & Phone: | | | | | | | | | Purchase Order: | | Quote/Bottle Order: | |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: DW | | | Number of Containers Sample Type: A W S V B O Air Water Soils/Soilds Vegetation Bioassay Other | | | | REQ(| REQUESTED | | SEE ATTACHED | | R U S H | Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page Comments: | | Shippled by: HAN Cooler ID(s): Receipt Temp ° C On Ice: Yes No Custody Seal Y N Intact Y N |
| SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) | Collection Date | Collection Time | MATRIX | Guide | | | | | | | | | | | Signature Y N Match |
| MP-103 #61 | 04/23/09 | | w-2gals | 1 | | | | | | | | | | | A |
| ² MO-103 #62 | Ì | | | | | | | | | | | | | | |
| ³ MU-103 #63 | | | | | | | | | | | | | | | |
| ⁴ MP105 #64 | | | | | | | | | | | | | | | ASE MSE |
| ⁵ MO-105 #65 | | | | | | | | | | | | | | | λ |
| ⁶ MU105 #66 | | | | | | | | | | | | | | | |
| ⁷ KPW-2 #67 | | | | | | | | | | | | | | | <u> </u> |
| ⁸ M-135 #68 | | | | | | | | | | | | · · · · · | | | |
| ⁹ MO-101 #69 | | | | 1/ | | | | | | | | | | | \$ 09040827 |
| ¹⁰ MU-101 #70 | | | | T | - | | | | | | | | | | |
| Custody Record Religioushed by (print): Date/Time: 7-23-09- 5:00 Respective: Date/Time: Date/Time: | | | | | | Received by (print): Almad Doleh Received by (print): Bate/Time: Signature: Signature: Signature: | | | | | | | | | |
| MUST be Signed Sample Disposal: Return to Client: Lab Disposal: | | | | | Hamed Todels 4/24/09 8:55 Rechive the Laboratory: Pater Infe: 109 109 855 Rechive the Laboratory: Pater Infe: 109 109 109 109 109 109 109 109 109 109 | | | | | | | | | | |

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.

This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Andrew Laser 4/24/09

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| LABORATORIES |

Chain of Custody and Analytical Request Record

| Page | 2 | of 2 |
|------|---|------|
| | | |

| Company Name: | | Project Nan | ne, PWS, Permit, Etc. | ormation as possible. | | Sample Origin | EPA/State Compliance: | | |
|--|--------------------|--------------------|--|-----------------------|--|-------------------------|--|-------------------------|--|
| Ur-Energy | | | Lost Creek | | | | State: Wy | Yes ☐ No 🗹 | |
| Report Mail Address: 5880 Enterprise Dr. Suite 200 | | | Contact Na | 207 | e/Fax: -265-2373 | | Email: | Sampler: (Please Print) | |
| Invoice Address: Same | | | Invoice Cor | ntact & Phone: | - 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- | | Purchase Order: | Quote/Bottle Order: | |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: DW | | | Number of Containers Sample Type: A W S V B O Air Water Soils/Soilds Vegetation Bioassay Other | ANALYSIS F | | Normal Turnaround (TAT) | Contact ELI prior RUSH sample su for charges and scheduling – See Instruction Page Comments: H | Ibmittal HOV CO | |
| SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) | Collection Date | Collection Time | MATRIX | Guide | | | | Signature Y N Match | |
| ¹ MP-101 #71 | 04/23/09 | | w-2gals | | | | | ≥ | |
| ² MU-102 #72 | 1 | | 1 | | | | | ONIF | |
| ³ MP-102 #73 | | | | | | | | 0 | |
| ⁴ MO-102 #74 | | | | | | | | | |
| ⁵ M-136 #75 | | | | | | | | \gg | |
| 6 Mp. 140 | $\overline{}$ | | | | | | | | |
| 6 Mp. 140 7 Der Jahn Caron | 1/23/17 | | | | | | | 15 C09040827 | |
| 10 | | | | | | | | 3 (0104082) | |
| Custody Relinquished by (print): Date/Time: V23-09 5.00 pm Repeived by (print): Repeived by (print): Date/Time: Signature: Signature: Repeived by (print): Date/Time: Date/Time: Signature: Signature: Repeived by (print): Date/Time: Date/Time: Signature: Signature: Signature: Repeived by (print): Date/Time: Signature: Signature: Signature: Signature: Signature: Signature: Signature: Date/Time: Signature: Si | | | | | | | | | |
| MUST be Signed Sample Disposal: Return to Client: Lab Disposal: | | | | | | | | | |

Energy Laboratories Inc Workorder Receipt Checklist



UR Energy USA Inc

Login completed by: Edith McPike Date and Time Received: 4/24/2009 8:55 AM Reviewed by: Received by: ckw Reviewed Date: Carrier name: Hand Del Shipping container/cooler in good condition? Not Present [No 🗌 Custody seals intact on shipping container/cooler? Yes 🗍 No 🖂 Not Present [✓] Custody seals intact on sample bottles? Yes 🗍 No 🗔 Not Present [✓] Chain of custody present? Yes [✓] No 🗍 Chain of custody signed when relinquished and received? Yes ✓ No 🗀 Chain of custody agrees with sample labels? Yes [✓] No 🖂 Samples in proper container/bottle? Yes ✓ No 🖂 Sample containers intact? Yes ✓ No 🖂 Sufficient sample volume for indicated test? Yes 🔽 No 🗌 All samples received within holding time? Yes 🗸 No [Container/Temp Blank temperature: 5°C Water - VOA vials have zero headspace? Yes 🖂 No 🗌 No VOA vials submitted Water - pH acceptable upon receipt? Yes ✓ No 🖂 Not Applicable

Contact and Corrective Action Comments:

Samples for dissolved metals/radionuclides were subsampled, filtered and preserved with 2 mL HNO3 in lab upon receipt to pH <2. Samples were split and preserved in the laboratory for total metals and nitrate and ammonia

CLIENT:

UR Energy USA Inc

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CASE NARRATIVE

Date: 17-Jun-09

Project:

Lost Creek

Sample Delivery Group: C09040827

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS

Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS

The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505

Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT

eli-g - Energy Laboratories, Inc. - Gillette, WY

eli-h - Energy Laboratories, Inc. - Helena, MT

eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT



ANALYTICAL SUMMARY REPORT

October 21, 2009

UR Energy USA Inc 10758 W Centennial Rd Ste 200 Ken Caryl Ranch, CO 80127

Workorder No.: C09050081
Project Name: Lost Creek

Energy Laboratories, Inc. received the following 22 samples for UR Energy USA Inc on 5/4/2009 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|---------------|--|----------------|--------------|---------|--|
| C09050081-001 | M-101 | 05/04/09 00:00 | 0 05/04/09 | Aqueous | Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved |
| C09050081-002 | 2 M-102 | 05/04/09 00:00 | 0 05/04/09 | Aqueous | Same As Above |
| C09050081-003 | 3 M-103 | 05/04/09 00:00 | 05/04/09 | Aqueous | Same As Above |
| C09050081-004 | 4 M-104 | 05/04/09 00:00 | 0 05/04/09 | Aqueous | Same As Above |
| C09050081-005 | 5 M-105 | 05/04/09 00:00 | 05/04/09 | Aqueous | Same As Above |
| C09050081-006 | 5 M-106 | 05/04/09 00:00 | 05/04/09 | Aqueous | Same As Above |
| C09050081-007 | 7 M-107 | 05/04/09 00:00 | 05/04/09 | Aqueous | Same As Above |
| C09050081-008 | 3 M-108 | 05/04/09 00:00 | 05/04/09 | Aqueous | Same As Above |
| C09050081-009 | 9 M-109 | 05/04/09 00:00 | 05/04/09 | Aqueous | Same As Above |
| C09050081-010 |) M-110 | 05/04/09 00:00 | 0 05/04/09 | Aqueous | Same As Above |
| C09050081-011 | 1 M-129 | 05/04/09 00:00 | 0 05/04/09 | Aqueous | Same As Above |
| C09050081-012 | 2 M-111 | 05/04/09 00:0 | 0 05/04/09 | Aqueous | Same As Above |
| C09050081-013 | 3 M-112 | 05/04/09 00:0 | 0 05/04/09 | Aqueous | Same As Above |
| C09050081-014 | 4 M-113 | 05/04/09 00:0 | 0 05/04/09 | Aqueous | Same As Above |
| C09050081-01 | 5 M-114 | 05/04/09 00:0 | 0 05/04/09 | Aqueous | Same As Above |
| C09050081-016 | 3 M-115 | 05/04/09 00:0 | 0 05/04/09 | Aqueous | Same As Above |
| C09050081-017 | 7 M-116 | 05/04/09 00:0 | 0 05/04/09 | Aqueous | Same As Above |
| C09050081-018 | 8 M-117 | 05/04/09 00:0 | 0 05/04/09 | Aqueous | Same As Above |
| C09050081-019 | 9 M-118 | 05/04/09 00:0 | 0 05/04/09 | Aqueous | Same As Above |
| | The second secon | | | | |

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602 Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

| C09050081-020 M-120A | 05/04/09 00:00 05/04/09 | Aqueous | Same As Above | |
|----------------------|-------------------------|---------|---------------|--|
| C09050081-021 M-121 | 05/04/09 00:00 05/04/09 | Aqueous | Same As Above | |
| C09050081-022 M-130 | 05/04/09 00:00 05/04/09 | Aqueous | Same As Above | |

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Stephanie D. Waldrop Reporting Supervisor



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-001

Client Sample ID: M-101

Revised Date: 10/21/09

Report Date: 06/30/09 Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | - | |
| Alkalinity, Total as CaCO3 | 71 | mg/L | | 1 | | A2320 B | 05/11/09 17:19 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 17:19 / ljl |
| Bicarbonate as HCO3 | 87 | mg/L | | 1 | | A2320 B | 05/11/09 17:19 / ljl |
| Calcium | 86 | mg/L | | 1 | | E200.7 | 05/11/09 13:25 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/13/09 00:24 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 11:10 / lji |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/11/09 13:25 / rdw |
| Nitrogen, Ammonia as N | 0.12 | mg/L | | 0.05 | | E350.1 | 05/07/09 10:25 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 11:08 / eli-b |
| Potassium | 7 | mg/L | | 1 | | E200.7 | 05/11/09 13:25 / rdw |
| Silica | 15.5 | mg/L | | 0.2 | | E200.7 | 05/18/09 16:20 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 05/11/09 13:25 / rdw |
| Sulfate | 235 | mg/L | | 1 | | E300.0 | 05/13/09 00:24 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 655 | umhos/cm | | 1 | | A2510 B | 05/05/09 10:50 / dd |
| pH | 9.05 | s.u. | | 0.01 | | A4500-H B | 05/05/09 10:50 / dd |
| Solids, Total Dissolved TDS @ 180 C | 471 | mg/L | | 10 | | A2540 C | 05/05/09 14:39 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 16:20 / cp |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/06/09 17:16 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 17:16 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 16:20 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 17:16 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 17:16 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 17:16 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/18/09 16:20 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:16 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 17:16 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:16 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 17:16 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 17:16 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:16 / ts |
| Uranium | 0.0653 | mg/L | | 0.0003 | | E200.8 | 05/06/09 17:16 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 17:16 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 17:16 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 16:43 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/18/09 19:39 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-001

Client Sample ID: M-101

Revised Date: 10/21/09

Report Date: 06/30/09 Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | _ | | | |
| Gross Alpha | 434 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Alpha precision (±) | 10.3 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Alpha MDC | 2.2 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Beta | 100 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Beta precision (±) | 3.0 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Radium 226 | 173 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 226 precision (±) | 2.7 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 228 | 4.7 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.73 | % | | | | Calculation | 05/14/09 14:49 / kbh |
| Anions | 6.46 | meq/L | | | | Calculation | 05/14/09 14:49 / kbh |
| Cations | 6.00 | meq/L | | | | Calculation | 05/14/09 14:49 / kbh |
| Solids, Total Dissolved Calculated | 409 | mg/L | | | | Calculation | 05/14/09 14:49 / kbh |
| TDS Balance (0.80 - 1.20) | 1.15 | _ | | | | Calculation | 05/14/09 14:49 / kbh |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek

C09050081-002

Client Sample ID: M-102

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | • | | | |
| Alkalinity, Total as CaCO3 | 131 | mg/L | | 1 | | A2320 B | 05/11/09 17:26 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 17:26 / ljl |
| Bicarbonate as HCO3 | 159 | mg/L | | 1 | | A2320 B | 05/11/09 17:26 / ljl |
| Calcium | 115 | mg/L | | 1 | | E200.7 | 05/18/09 16:33 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/18/09 13:32 / lji |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 11:12 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 05/18/09 16:33 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 10:28 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 11:09 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 05/18/09 16:33 / cp |
| Silica | 17.8 | mg/L | | 0.2 | | E200.7 | 05/18/09 16:33 / cp |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 05/18/09 16:33 / cp |
| Sulfate | 253 | mg/L | | 1 | | E300.0 | 05/18/09 13:32 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 767 | umhos/cm | | 1 | | A2510 B | 05/05/09 10:52 / dd |
| pH | 7.80 | s.u. | | 0.01 | | A4500-H B | 05/05/09 10:52 / dd |
| Solids, Total Dissolved TDS @ 180 C | 553 | mg/L | | 10 | | A2540 C | 05/05/09 14:40 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 16:33 / cp |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 05/06/09 17:23 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 17:23 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 16:33 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 17:23 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 17:23 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 17:23 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/18/09 16:33 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:23 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/06/09 17:23 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:23 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 17:23 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 17:23 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:23 / ts |
| Uranium | 0.0412 | mg/L | | 0.0003 | | E200.8 | 05/06/09 17:23 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 17:23 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 17:23 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 16:48 / rdw |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 05/18/09 19:43 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client: UR Energy USA Inc

Project: Lost Creek
Lab ID: C09050081-002

Client Sample ID: M-102

Revised Date: 10/21/09

Report Date: 06/30/09 Collection Date: 05/04/09 DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | · · · · · · | · | | | | |
| Gross Alpha | 71.7 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha precision (±) | 4.8 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha MDC | 2.6 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta | 30.1 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta precision (±) | 2.4 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta MDC | 3.3 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Radium 226 | 3.1 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 226 precision (±) | 0.36 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 228 | 2.0 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.33 | % | | | | Calculation | 05/20/09 11:59 / kbh |
| Anions | 8.04 | meq/L | | | | Calculation | 05/20/09 11:59 / kbh |
| Cations | 7.52 | meq/L | | | | Calculation | 05/20/09 11:59 / kbh |
| Solids, Total Dissolved Calculated | 514 | mg/L | | | | Calculation | 05/20/09 11:59 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | _ | | | | Calculation | 05/20/09 11:59 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-003

Client Sample ID: M-103

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09 DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 142 | mg/L | | 1 | | A2320 B | 05/11/09 17:33 / iji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 17:33 / ljl |
| Bicarbonate as HCO3 | 173 | mg/L | | 1 | | A2320 B | 05/11/09 17:33 / ljl |
| Calcium | 133 | mg/L | | 1 | | E200.7 | 05/11/09 13:35 / rdw |
| Chloride | 7 | mg/L | | 1 | | E300.0 | 05/13/09 00:55 / ljl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 05/11/09 11:21 / lji |
| Magnesium | 6 | mg/L | | 1 | | E200.7 | 05/11/09 13:35 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 10:29 / eli-k |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 11:11 / eli-t |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/11/09 13:35 / rdw |
| Silica | 19.2 | mg/L | | 0.2 | | E200.7 | 05/18/09 16:41 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 05/11/09 13:35 / rdw |
| Sulfate | 296 | mg/L | | 1 | | E300.0 | 05/13/09 00:55 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 873 | umhos/cm | | 1 | | A2510 B | 05/05/09 10:54 / dd |
| pH | 7.67 | s.u. | | 0.01 | | A4500-H B | 05/05/09 10:54 / dd |
| Solids, Total Dissolved TDS @ 180 C | 629 | mg/L | | 10 | | A2540 C | 05/05/09 14:40 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 16:41 / cp |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/06/09 17:30 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 17:30 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 16:41 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 17:30 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 17:30 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 17:30 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/18/09 16:41 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:30 / ts |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.8 | 05/06/09 17:30 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:30 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 17:30 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 17:30 / ts |
| Selenium | 0.032 | mg/L | | 0.001 | | E200.8 | 05/06/09 17:30 / ts |
| Uranium | 0.607 | mg/L | | 0.0003 | | E200.8 | 05/06/09 17:30 / ts |
| √anadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 17:30 / ts |
| Zinc | 0.04 | mg/L | | 0.01 | | E200.8 | 05/06/09 17:30 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 16:53 / rdw |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.7 | 05/18/09 19:47 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client: UR Energy USA Inc

Project: Lost Creek C09050081-003 Lab ID:

Client Sample ID: M-103

Revised Date: 10/21/09

Report Date: 06/30/09 Collection Date: 05/04/09 DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|---------------------------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | · · · · · · · · · · · · · · · · · · · |
| Gross Alpha | 518 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Alpha precision (±) | 12.8 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Alpha MDC | 2.9 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Beta | 182 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Beta precision (±) | 4.5 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Beta MDC | 3.8 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Radium 226 | 1.9 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 226 precision (±) | 0.28 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 228 | 1.6 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.80 | % | | | | Calculation | 05/14/09 14:51 / kbh |
| Anions | 9.20 | meq/L | | | | Calculation | 05/14/09 14:51 / kbh |
| Cations | 8.53 | meg/L | | | | Calculation | 05/14/09 14:51 / kbh |
| Solids, Total Dissolved Calculated | 561 | mg/L | | | | Calculation | 05/14/09 14:51 / kbh |
| TDS Balance (0.80 - 1.20) | 1.12 | • | | | | Calculation | 05/14/09 14:51 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek

Client Sample ID: M-104

C09050081-004

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09 DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | - · | | | | | |
| Alkalinity, Total as CaCO3 | 137 | mg/L | | 1 | | A2320 B | 05/11/09 17:40 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 17:40 / ljl |
| Bicarbonate as HCO3 | 168 | mg/L | | 1 | | A2320 B | 05/11/09 17:40 / ljl |
| Calcium | 130 | mg/L | | 1 | | E200.7 | 05/18/09 16:45 / cp |
| Chloride | 10 | mg/L | | 1 | | E300.0 | 05/18/09 14:18 / ljl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 05/11/09 11:34 / ljl |
| Magnesium | 5 | mg/L | | 1 | | E200.7 | 05/18/09 16:45 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 10:31 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 11:12 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/18/09 16:45 / cp |
| Silica | 19.1 | mg/L | | 0.2 | | E200.7 | 05/18/09 16:45 / cp |
| Sodium | 28 | mg/L | | 1 | | E200.7 | 05/18/09 16:45 / cp |
| Sulfate | 278 | mg/L | | 1 | | E300.0 | 05/18/09 14:18 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 842 | umhos/cm | | 1 | | A2510 B | 05/05/09 10:56 / dd |
| Н | 7.94 | s.u. | | 0.01 | | A4500-H B | 05/05/09 10:56 / dd |
| Solids, Total Dissolved TDS @ 180 C | 602 | mg/L | | 10 | | A2540 C | 05/05/09 14:40 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 16:45 / cp |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/06/09 17:36 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 17:36 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 16:45 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 17:36 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 17:36 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 17:36 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/18/09 16:45 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:36 / ts |
| Manganese | 0.04 | mg/L | | 0.01 | | E200.8 | 05/06/09 17:36 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:36 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 17:36 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 17:36 / ts |
| Selenium | 0.037 | mg/L | | 0.001 | | E200.8 | 05/06/09 17:36 / ts |
| Uranium | 0.612 | mg/L | | 0.0003 | | E200.8 | 05/06/09 17:36 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 17:36 / ts |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 05/06/09 17:36 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 16:58 / rdw |
| Manganese | 0.05 | mg/L | | 0.01 | | E200.7 | 05/18/09 19:51 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-004

Client Sample ID: M-104

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09 DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL_ | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|-----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 633 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha precision (±) | 14.0 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha MDC | 2.8 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta | 246 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta precision (±) | 4.7 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta MDC | 3.3 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Radium 226 | 3.2 | pCì/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 226 precision (±) | 0.37 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 228 | 1.4 | pCi/L | U | | | RA-05 | 05/14/09 17:25 / plj |
| Radjum 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.73 | % | | | | Calculation | 05/20/09 12:00 / kbh |
| Anions | 8.82 | meq/L | | | | Calculation | 05/20/09 12:00 / kbh |
| Cations | 8.19 | meq/L | | | | Calculation | 05/20/09 12:00 / kbh |
| Solids, Total Dissolved Calculated | 561 | mg/L | | | | Calculation | 05/20/09 12:00 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 05/20/09 12:00 / kbh |

Report Definitions:

RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek

C09050081-005

Client Sample ID: M-105

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09 DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 132 | mg/L | | 1 | | A2320 B | 05/11/09 17:47 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 17:47 / ljl |
| Bicarbonate as HCO3 | 161 | mg/L | | 1 | | A2320 B | 05/11/09 17:47 / ljl |
| Calcium | 107 | mg/L | | 1 | | E200.7 | 05/11/09 14:01 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/13/09 01:57 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 11:37 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 05/11/09 14:01 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 10:32 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 11:13 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/11/09 14:01 / rdw |
| Silica | 17.7 | mg/L | | 0.2 | | E200.7 | 05/18/09 16:49 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 05/11/09 14:01 / rdw |
| Sulfate | 238 | mg/L | | 1 | | E300.0 | 05/13/09 01:57 / ljl |
| | | | | | | | |
| PHYSICAL PROPERTIES | 700 | | | 4 | | A2510 B | 05/05/09 10:58 / dd |
| Conductivity | 738 | umhos/cm | | 1 | | A2510 B | |
| pH | 7.76 | s.u. | | 0.01 | | A4500-H B | 05/05/09 10:58 / dd |
| Solids, Total Dissolved TDS @ 180 C | 527 | mg/L | | 10 | | A2540 C | 05/05/09 14:41 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 16:49 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:43 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 17:43 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 16:49 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 17:43 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 17:43 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 17:43 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/18/09 16:49 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:43 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/06/09 17:43 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:43 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 17:43 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 17:43 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:43 / ts |
| Uranium | 0.0846 | mg/L | | 0.0003 | | E200.8 | 05/06/09 17:43 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 17:43 / ts |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 05/06/09 17:43 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 0.06 | mg/L | | 0.03 | | E200.7 | 05/08/09 17:04 / rdw |
| | = | mg/L | | 0.01 | | E200.7 | 05/18/09 19:55 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-005

Client Sample ID: M-105

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Revised Date: 10/21/09

Matrix: Aqueous

| Ameliana | Danult | | | | MCL/ | | Amelia Deta / Dir |
|------------------------------------|--------|-------|-----------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 523 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha precision (±) | 12.0 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha MDC | 2.6 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta | 126 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta precision (±) | 3.5 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta MDC | 3.1 | pCi/L | | | | E900.0 | 06/20/09 09;25 / cgr |
| Radium 226 | 249 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 226 precision (±) | 3.1 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 228 | 5.0 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.77 | % | | | | Calculation | 05/14/09 15:30 / kbh |
| Anions | 7.75 | meq/L | | | | Calculation | 05/14/09 15:30 / kbh |
| Cations | 7.04 | meq/L | | | | Calculation | 05/14/09 15:30 / kbh |
| Solids, Total Dissolved Calculated | 466 | mg/L | | | | Calculation | 05/14/09 15:30 / kbh |
| TDS Balance (0.80 - 1.20) | 1.13 | - | | | | Calculation | 05/14/09 15:30 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-006

Client Sample ID: M-106

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|----------|--------------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 129 | mg/L | | 1 | | A2320 B | 05/11/09 18:10 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 18:10 / ljl |
| Bicarbonate as HCO3 | 157 | mg/L | | 1 | | A2320 B | 05/11/09 18:10 / ljl |
| Calcium | 107 | mg/L | | 1 | | E200.7 | 05/18/09 16:53 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/18/09 14:33 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 11:40 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 05/18/09 16:53 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 10:33 / eli-k |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 11:14 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/18/09 16:53 / cp |
| Silica | 18.0 | mg/L | | 0.2 | | E200.7 | 05/18/09 16:53 / cp |
| Sodium | 28 | mg/L | | 1 | | E200.7 | 05/18/09 16:53 / cp |
| Sulfate | 231 | mg/L | | 1 | | E300.0 | 05/18/09 14:33 / ljl |
| Sunate | 251 | mg/L | | ' | | L300,0 | 00/10/00 14.00 / iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 726 | umhos/cm | | 1 | | A2510 B | 05/05/09 11:01 / dd |
| pH | 7.90 | s.u. | | 0.01 | | A4500-H B | 05/05/09 11:01 / dd |
| Solids, Total Dissolved TDS @ 180 C | 505 | mg/L | | 10 | | A2540 C | 05/05/09 14:41 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 16:53 / cp |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/06/09 17:50 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 17:50 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 16:53 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 17:50 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 17:50 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 17:50 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/18/09 16:53 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:50 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/06/09 17:50 / ts |
| | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:50 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:50 / ts |
| Molybdenum | ND ND | • | | 0.05 | | E200.8 | 05/06/09 17:50 / ts |
| Nickel Colonium | ND ND | mg/L | | 0.001 | | E200.8 | 05/06/09 17:50 / ts |
| Selenium | | mg/L | | 0.0001 | | E200.8 | 05/06/09 17:50 / ts |
| Uranium | 0.0586 | mg/L | | 0.0003 | | E200.8 | 05/06/09 17:50 / ts |
| Vanadium Zinc | ND ND | mg/L mg/L | | 0.1 | | E200.8 | 05/06/09 17:50 / ts |
| METALO TOTAL | | | | | | | |
| METALS - TOTAL | 2.74 | nog/l | n | 0.07 | | E200.7 | 05/11/09 19:42 / 22 |
| Iron | 2.71 | mg/L | D | 0.07 | | E200.7 | 05/11/09 19:42 / cp |
| Manganese | 0.04 | mg/L | | 0.01 | | E200.7 | 05/11/09 19:42 / cp |

Report

RL - Analyte reporting limit.

Definitions: Q0

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-006

Client Sample ID: M-106

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 94.0 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Alpha precision (±) | 5.2 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Alpha MDC | 2.4 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Beta | 26.9 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Beta precision (±) | 2.3 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Beta MDC | 3.1 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Radium 226 | 12 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 226 precision (±) | 0.68 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 228 | 2.8 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.08 | % | | | | Calculation | 05/20/09 12:00 / kbh |
| Anions | 7.55 | meq/L | | | | Calculation | 05/20/09 12:00 / kbh |
| Cations | 6.95 | meq/L | | | | Calculation | 05/20/09 12:00 / kbh |
| Solids, Total Dissolved Calculated | 478 | mg/L | | | | Calculation | 05/20/09 12:00 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | _ | | | | Calculation | 05/20/09 12:00 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-007

Client Sample ID: M-107

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| | | | - | | | | |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|------------------------|
| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 84 | mg/L | | 1 | | A2320 B | 05/11/09 18:17 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 18:17 / ljl |
| Bicarbonate as HCO3 | 103 | mg/L | | 1 | | A2320 B | 05/11/09 18:17 / Iji |
| Calcium | 89 | mg/L | | 1 | | E200.7 | 05/11/09 14:12 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/13/09 02:28 / IjI |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 11:42 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/11/09 14:12 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 10:34 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 11:15 / eli-k |
| Potassium | 10 | mg/L | | 1 | | E200.7 | 05/11/09 14:12 / rdw |
| Silica | 16.2 | mg/L | | 0.2 | | E200.7 | 05/18/09 17:09 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 05/11/09 14:12 / rdw |
| Sulfate | 229 | mg/L | | 1 | | E300.0 | 05/13/09 02:28 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 670 | umhos/cm | | 1 | | A2510 B | 05/05/09 11:03 / dd |
| oH | 8.83 | s.u. | | 0.01 | | A4500-H B | 05/05/09 11:03 / dd |
| Solids, Total Dissolved TDS @ 180 C | 481 | mg/L | | 10 | | A2540 C | 05/05/09 14:42 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 17:09 / cp |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/06/09 18:44 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 18:44 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 17:09 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 18:44 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 18:44 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 18:44 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/18/09 17:09 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 18:44 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 18:44 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 18:44 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 18:44 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 18:44 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 18:44 / ts |
| | 0.0521 | mg/L | | 0.0003 | | E200.8 | 05/06/09 18:44 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 18:44 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 18:44 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 17:19 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/18/09 20:48 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

LABORATORY ANALYTICAL REPORT

UR Energy USA Inc

Project: Lost Creek
Lab ID: C09050081-007

Client Sample ID: M-107

Revised Date: 10/21/09

Report Date: 06/30/09 Collection Date: 05/04/09 DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 69.0 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Alpha precision (±) | 4.3 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Alpha MDC | 2.3 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Beta | 33.4 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Beta precision (±) | 2.3 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Beta MDC | 3.0 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Radium 226 | 6.0 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 226 precision (±) | 0.49 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 05/19/09 10:50 / jah |
| Radium 228 | 2.7 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/14/09 17:25 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.10 | % | | | | Calculation | 05/14/09 15:31 / kbh |
| Anions | 6.62 | meq/L | | | | Calculation | 05/14/09 15:31 / kbh |
| Cations | 6.22 | meq/L | | | | Calculation | 05/14/09 15:31 / kbh |
| Solids, Total Dissolved Calculated | 417 | mg/L | | | | Calculation | 05/14/09 15:31 / kbh |
| TDS Balance (0.80 - 1.20) | 1.15 | | | | | Calculation | 05/14/09 15:31 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-008

Client Sample ID: M-108

Revised Date: 10/21/09

Report Date: 06/30/09 Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 122 | mg/L | | 1 | | A2320 B | 05/11/09 18:24 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 18:24 / 1jl |
| Bicarbonate as HCO3 | 149 | mg/L | | 1 | | A2320 B | 05/11/09 18:24 / ljl |
| Calcium | 94 | mg/L | | 1 | | E200.7 | 05/18/09 17:13 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/18/09 14:49 / Ijl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 11:47 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 05/18/09 17:13 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 10:35 / eli-k |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 12:46 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/18/09 17:13 / cp |
| Silica | 17.6 | mg/L | | 0.2 | | E200.7 | 05/18/09 17:13 / cp |
| Sodium | 27 | mg/L | | 1 | | E200.7 | 05/18/09 17:13 / cp |
| Sulfate | 188 | mg/L | | 1 | | E300.0 | 05/18/09 14:49 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 629 | umhos/cm | | 1 | | A2510 B | 05/05/09 11:05 / dd |
| pH | 7.88 | s.u. | | 0.01 | | A4500-H B | 05/05/09 11:05 / dd |
| Solids, Total Dissolved TDS @ 180 C | 439 | mg/L | | 10 | | A2540 C | 05/05/09 14:42 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 17:13 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 18:51 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 18:51 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 17:13 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 18:51 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 18:51 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 18:51 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/18/09 17:13 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 18:51 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/06/09 18:51 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 18:51 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 18:51 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 18:51 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 18:51 / ts |
| Uranium | 0.0162 | mg/L | | 0.0003 | | E200.8 | 05/06/09 18:51 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 18:51 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 18:51 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 0.09 | mg/L | В | 0.03 | | E200.7 | 05/08/09 17:24 / rdw |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 05/18/09 20:52 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.



Client: UR Energy USA Inc

Project: Lost Creek
Lab ID: C09050081-008

Client Sample ID: M-108

Revised Date: 10/21/09

Report Date: 06/30/09 Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 41.2 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Alpha precision (±) | 3.3 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Alpha MDC | 2.2 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Beta | 18.9 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 05/29/09 22:55 / cgr |
| Radium 226 | 9.7 | pCi/L | | | | E903.0 | 05/19/09 14:05 / jah |
| Radium 226 precision (±) | 0.62 | pCi/L | | | | E903.0 | 05/19/09 14:05 / jah |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 05/19/09 14:05 / jah |
| Radium 228 | 4.9 | pCi/L | | | | RA-05 | 05/14/09 17:26 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 05/14/09 17:26 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/14/09 17:26 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.09 | % | | | | Calculation | 05/20/09 12:00 / kbh |
| Anions | 6.52 | meq/L | | | | Calculation | 05/20/09 12:00 / kbh |
| Cations | 6.25 | meq/L | | | | Calculation | 05/20/09 12:00 / kbh |
| Solids, Total Dissolved Calculated | 417 | mg/L | | | | Calculation | 05/20/09 12:00 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | | | | | Calculation | 05/20/09 12:00 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-009

Client Sample ID: M-109

Revised Date: 10/21/09

Report Date: 06/30/09 Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | - | | | | | | |
| Alkalinity, Total as CaCO3 | 86 | mg/L | | 1 | | A2320 B | 05/11/09 18:31 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 18:31 / ljl |
| Bicarbonate as HCO3 | 105 | mg/L | | 1 | | A2320 B | 05/11/09 18:31 / ljl |
| Calcium | 61 | mg/L | | 1 | | E200.7 | 05/18/09 17:17 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/18/09 15:04 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 11:49 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/18/09 17:17 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 10:39 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 12:47 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 05/18/09 17:17 / cp |
| Silica | 15.3 | mg/L | | 0.2 | | E200.7 | 05/18/09 17:17 / cp |
| Sodium | 28 | mg/L | | 1 | | E200.7 | 05/18/09 17:17 / cp |
| Sulfate | 145 | mg/L | | 1 | | E300.0 | 05/18/09 15:04 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 488 | umhos/cm | | 1 | | A2510 B | 05/05/09 11:07 / dd |
| pH | 8.10 | s.u. | | 0.01 | | A4500-H B | 05/05/09 11:07 / dd |
| Solids, Total Dissolved TDS @ 180 C | 335 | mg/L | | 10 | | A2540 C | 05/05/09 14:42 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 17:17 / cp |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/06/09 18:58 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 18:58 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 17:17 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 18:58 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 18:58 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 18:58 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/18/09 17:17 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 18:58 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 18:58 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 18:58 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 18:58 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 18:58 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 18:58 / ts |
| Uranium | 0.0202 | mg/L | | 0.0003 | | E200.8 | 05/06/09 18:58 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 18:58 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 05/06/09 18:58 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 17:29 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/18/09 20:56 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID: Client Sample ID: M-109

C09050081-009

Report Date: 06/30/09 Collection Date: 05/04/09 DateReceived: 05/04/09

Revised Date: 10/21/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL. | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|-----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 57.2 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Alpha precision (±) | 3.5 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta | 34.1 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta precision (±) | 2.2 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Radium 226 | 12 | pCi/L | | | | E903.0 | 05/19/09 14:05 / jah |
| Radium 226 precision (±) | 0.68 | pCi/L | | | | E903.0 | 05/19/09 14:05 / jah |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 05/19/09 14:05 / jah |
| Radium 228 | 2.9 | pCi/L | | | | RA-05 | 05/14/09 17:26 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 05/14/09 17:26 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/14/09 17:26 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.78 | % | | | | Calculation | 05/20/09 12:01 / kbh |
| Anions | 4.89 | meq/L | | | | Calculation | 05/20/09 12:01 / kbh |
| Cations | 4.62 | meg/L | | | | Calculation | 05/20/09 12:01 / kbh |
| Solids, Total Dissolved Calculated | 318 | mg/L | | | | Calculation | 05/20/09 12:01 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | | | | | Calculation | 05/20/09 12:01 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-010

Client Sample ID: M-110

Revised Date: 10/21/09

Report Date: 06/30/09 Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 110 | mg/L | | 1 | | A2320 B | 05/11/09 18:38 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 18:38 / ljl |
| Bicarbonate as HCO3 | 134 | mg/L | | 1 | | A2320 B | 05/11/09 18:38 / ljl |
| Calcium | 74 | mg/L | | 1 | | E200.7 | 05/18/09 17:21 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/18/09 15:19 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 11:52 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/18/09 17:21 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 10:42 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 12:48 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/18/09 17:21 / cp |
| Silica | 16.2 | mg/L | | 0.2 | | E200.7 | 05/18/09 17:21 / cp |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 05/18/09 17:21 / cp |
| Sulfate | 148 | mg/L | | 1 | | E300.0 | 05/18/09 15:19 / Ijl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 534 | umhos/cm | | 1 | | A2510 B | 05/05/09 11:09 / dd |
| pH | 7.73 | s.u. | | 0.01 | | A4500-H B | 05/05/09 11:09 / dd |
| Solids, Total Dissolved TDS @ 180 C | 368 | mg/L | | 10 | | A2540 C | 05/05/09 14:42 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 17:21 / cp |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/06/09 19:04 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 19:04 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 17:21 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 19:04 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 19:04 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 19:04 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/18/09 17:21 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:04 / ts |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.8 | 05/06/09 19:04 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:04 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 19:04 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 19:04 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:04 / ts |
| Uranium | 0.166 | mg/L | | 0.0003 | | E200.8 | 05/06/09 19:04 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 19:04 / ts |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 05/06/09 19:04 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 0.06 | mg/L | В | 0.03 | | E200.7 | 05/08/09 17:50 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/18/09 21:00 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-010

Client Sample ID: M-110

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 228 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Alpha precision (±) | 7.0 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta | 88.1 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta precision (±) | 2.9 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Radium 226 | 42 | pCi/L | | | | E903.0 | 05/19/09 14:05 / jah |
| Radium 226 precision (±) | 1.3 | pCi/L | | | | E903.0 | 05/19/09 14:05 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 05/19/09 14:05 / jah |
| Radium 228 | 3.0 | pCi/L | | | | RA-05 | 05/14/09 17:26 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 05/14/09 17:26 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/14/09 17:26 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.20 | % | | | | Calculation | 05/20/09 12:01 / kbh |
| Anions | 5.43 | meq/L | | | | Calculation | 05/20/09 12:01 / kbh |
| Cations | 5.30 | meq/L | | | | Calculation | 05/20/09 12:01 / kbh |
| Solids, Total Dissolved Calculated | 348 | mg/L | | | | Calculation | 05/20/09 12:01 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | _ | | | | Calculation | 05/20/09 12:01 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-011

Client Sample ID: M-129

Revised Date: 10/21/09

Report Date: 06/30/09 Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|-------------------------------------|--------|----------|-----------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifier | RL. | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 109 | mg/L | | 1 | | A2320 B | 05/11/09 18:54 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 18:54 / ljl |
| Bicarbonate as HCO3 | 133 | mg/L | | 1 | | A2320 B | 05/11/09 18:54 / ljl |
| Calcium | 72 | mg/L | | 1 | | E200.7 | 05/18/09 17:25 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/18/09 15:35 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 11:55 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/18/09 17:25 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 10:44 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 12:49 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/18/09 17:25 / cp |
| Silica | 15.9 | mg/L | | 0.2 | | E200.7 | 05/18/09 17:25 / cp |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 05/18/09 17:25 / cp |
| Sulfate | 148 | mg/L | | 1 | | E300.0 | 05/18/09 15:35 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 533 | umhos/cm | | 1 | | A2510 B | 05/05/09 11:11 / dd |
| pH | 7.98 | s.u. | | 0.01 | | A4500-H B | 05/05/09 11:11 / dd |
| Solids, Total Dissolved TDS @ 180 C | 369 | mg/L | | 10 | | A2540 C | 05/05/09 14:43 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 17:25 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:11 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 19:11 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 17:25 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 19:11 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 19:11 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 19:11 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/18/09 17:25 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:11 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 19:11 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:11 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 19:11 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200,8 | 05/06/09 19:11 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:11 / ts |
| Uranium | 0.161 | mg/L | | 0.0003 | | E200.8 | 05/06/09 19:11 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 19:11 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 19:11 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 0.06 | mg/L | В | 0.03 | | E200.7 | 05/08/09 17:55 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/18/09 21:12 / cp |

Report

RL - Analyte reporting limit.

Definitions: QCL - Qua

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-011

Client Sample ID: M-129

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 193 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Alpha precision (±) | 6.4 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Aipha MDC | 1.9 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta | 79.0 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta precision (±) | 2.8 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Radium 226 | 40 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 226 precision (±) | 1.2 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 228 | 3.4 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.48 | % | | | | Calculation | 05/20/09 12:02 / kbh |
| Anions | 5.41 | meq/L | | | | Calculation | 05/20/09 12:02 / kbh |
| Cations | 5.15 | meq/L | | | | Calculation | 05/20/09 12:02 / kbh |
| Solids, Total Dissolved Calculated | 344 | mg/L | | | | Calculation | 05/20/09 12:02 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 05/20/09 12:02 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-012

Client Sample ID: M-111

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09 DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 113 | mg/L | | 1 | | A2320 B | 05/11/09 19:01 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 19:01 / ljl |
| Bicarbonate as HCO3 | 137 | mg/L | | 1 | | A2320 B | 05/11/09 19:01 / ljl |
| Calcium | 74 | mg/L | | 1 | | E200.7 | 05/18/09 17:37 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/18/09 15:50 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 12:02 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/18/09 17:37 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 10:45 / eli-t |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 12:57 / eli-t |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/18/09 17:37 / cp |
| Silica | 16.9 | mg/L | | 0.2 | | E200.7 | 05/18/09 17:37 / cp |
| Sodium | 28 | mg/L | | 1 | | E200.7 | 05/18/09 17:37 / cp |
| Sulfate | 150 | mg/L | | 1 | | E300.0 | 05/18/09 15:50 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 547 | umhos/cm | | 1 | | A2510 B | 05/05/09 11:12 / dd |
| pH | 7.90 | s.u. | | 0.01 | | A4500-H B | 05/05/09 11:12 / dd |
| Solids, Total Dissolved TDS @ 180 C | 377 | mg/L | | 10 | | A2540 C | 05/05/09 14:43 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 17:37 / cp |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/06/09 19:18 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 19:18 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 17:37 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 19:18 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 19:18 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 19:18 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/18/09 17:37 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:18 / ts |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.8 | 05/06/09 19:18 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:18 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 19:18 / ts |
| Nicke! | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 19:18 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:18 / ts |
| Uranium | 0.0273 | mg/L | | 0.0003 | | E200.8 | 05/06/09 19:18 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 19:18 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 19:18 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 0.04 | mg/L | В | 0.03 | | E200.7 | 05/08/09 18:05 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/18/09 21:20 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-012

Client Sample ID: M-111

Revised Date: 10/21/09

Report Date: 06/30/09 Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|-----------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 49.9 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Alpha precision (±) | 3.4 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta | 21.0 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Radium 226 | 4.7 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 226 precision (±) | 0.40 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 228 | 4.8 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.56 | % | | | | Calculation | 05/20/09 12:02 / kbh |
| Anions | 5.53 | meq/L | | | | Calculation | 05/20/09 12:02 / kbh |
| Cations | 5.25 | meq/L | | | | Calculation | 05/20/09 12:02 / kbh |
| Solids, Total Dissolved Calculated | 353 | mg/L | | | | Calculation | 05/20/09 12:02 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | | | | | Calculation | 05/20/09 12:02 / kbh |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-013

Client Sample ID: M-112

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09 DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 113 | mg/L | | 1 | | A2320 B | 05/11/09 19:08 / lji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 19:08 / lji |
| Bicarbonate as HCO3 | 138 | mg/L | | 1 | | A2320 B | 05/11/09 19:08 / ljl |
| Calcium | 75 | mg/L | | 1 | | E200.7 | 05/18/09 18:34 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/18/09 16:06 / Iji |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 12:11 / lji |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/18/09 18:34 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 10:46 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 12:58 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/18/09 18:34 / cp |
| Silica | 16.3 | mg/L | | 0.2 | | E200.7 | 05/18/09 18:34 / cp |
| Sodium | 27 | mg/L | | 1 | | E200.7 | 05/18/09 18:34 / cp |
| Sulfate | 149 | mg/L | | 1 | | E300.0 | 05/18/09 16:06 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 544 | umhos/cm | | 1 | | A2510 B | 05/05/09 11:14 / dd |
| pH | 8.05 | s.u. | | 0.01 | | A4500-H B | 05/05/09 11:14 / dd |
| Solids, Total Dissolved TDS @ 180 C | 376 | mg/L | | 10 | | A2540 C | 05/05/09 14:43 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 18:34 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:25 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 19:25 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 18:34 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 19:25 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 19:25 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 19:25 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/18/09 18:34 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:25 / ts |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.8 | 05/06/09 19:25 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:25 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 19:25 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 19:25 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:25 / ts |
| Uranium | 0.0246 | mg/L | | 0.0003 | | E200.8 | 05/06/09 19:25 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 19:25 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 19:25 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 0.04 | mg/L | В | 0.03 | | E200.7 | 05/08/09 18:10 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/18/09 21:24 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-013

Client Sample ID: M-112

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | <u> </u> | | | | |
| Gross Alpha | 50.0 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Alpha precision (±) | 3.5 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta | 27.4 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta precision (±) | 2.1 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Radium 226 | 5.0 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 226 precision (±) | 0.40 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 226 MDC | 0.14 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 228 | 5.1 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.69 | % | | | | Calculation | 05/20/09 12:02 / kbh |
| Anions | 5.51 | meq/L | | | | Calculation | 05/20/09 12:02 / kbh |
| Cations | 5.22 | meq/L | | | | Calculation | 05/20/09 12:02 / kbh |
| Solids, Total Dissolved Calculated | 350 | mg/L | | | | Calculation | 05/20/09 12:02 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 05/20/09 12:02 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-014

Client Sample ID: M-113

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 97 | mg/L | | 1 | | A2320 B | 05/11/09 19:15 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 19:15 / ljl |
| Bicarbonate as HCO3 | 119 | mg/L | | 1 | | A2320 B | 05/11/09 19:15 / ljl |
| Calcium | 56 | mg/L | | 1 | | E200.7 | 05/18/09 18:38 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/18/09 16:52 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 12:26 / IjI |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/18/09 18:38 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 10:47 / eli-l |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 12:59 / eli-l |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/18/09 18:38 / cp |
| Silica | 15.5 | mg/L | | 0.2 | | E200.7 | 05/18/09 18:38 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 05/11/09 15:14 / rdw |
| Sulfate | 125 | mg/L | | 1 | | E300.0 | 05/18/09 16:52 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 467 | umhos/cm | | 1 | | A2510 B | 05/05/09 11:16 / dd |
| pH | 8.10 | s.u. | | 0.01 | | A4500-H B | 05/05/09 11:16 / dd |
| Solids, Total Dissolved TDS @ 180 C | 321 | mg/L | | 10 | | A2540 C | 05/05/09 14:43 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 18:38 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:32 / ts |
| Barium | . ND | mg/L | | 0.1 | | E200.8 | 05/06/09 19:32 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 18:38 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 19:32 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 19:32 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 19:32 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/18/09 18:38 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:32 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 19:32 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:32 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 19:32 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 19:32 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 19:32 / ts |
| Uranium | 0.0180 | mg/L | | 0.0003 | | E200.8 | 05/06/09 19:32 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 19:32 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 19:32 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 18:15 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/18/09 21:40 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-014

Client Sample ID: M-113

Revised Date: 10/21/09 Report Date: 06/30/09

Collection Date: 05/04/09 DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 76.0 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Alpha precision (±) | 3.9 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta | 52.8 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta precision (±) | 2.5 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Radium 226 | 11 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 226 precision (±) | 0.59 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 228 | 3.8 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.25 | % | | | | Calculation | 05/20/09 12:03 / kbh |
| Anions | 4.68 | meq/L | | | | Calculation | 05/20/09 12:03 / kbh |
| Cations | 4.48 | meq/L | | | | Calculation | 05/20/09 12:03 / kbh |
| Solids, Total Dissolved Calculated | 302 | mg/L | | | | Calculation | 05/20/09 12:03 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | - | | | | Calculation | 05/20/09 12:03 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-015

Client Sample ID: M-114

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09 DateReceived: 05/04/09

Matrix: Aqueous

| | . | | | | MCL/ | B.G 441 | A 4 ! - D - 4 . 1 D |
|-------------------------------------|----------|----------|-----------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 99 | mg/L | | 1 | | A2320 B | 05/11/09 19:23 / ljl |
| Carbonate as CO3 | 10 | mg/L | | 1 | | A2320 B | 05/11/09 19:23 / ljl |
| Bicarbonate as HCO3 | 100 | mg/L | | 1 | | A2320 B | 05/11/09 19:23 / ljl |
| Calcium | 59 | mg/L | | 1 | | E200.7 | 05/18/09 18:42 / cp |
| Chloride | 7 | mg/L | | 1 | | E300.0 | 05/18/09 17:07 / lil |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 12:30 / Ijl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/18/09 18:42 / cp |
| Nitrogen, Ammonia as N | 0.12 | mg/L | | 0.05 | | E350.1 | 05/07/09 10:48 / eli-l |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 13:00 / eli-l |
| Potassium | 11 | mg/L | | 1 | | E200.7 | 05/18/09 18:42 / cp |
| Silica | 14.1 | mg/L | | 0.2 | | E200.7 | 05/18/09 18:42 / cp |
| Sodium | 36 | mg/L | | 1 | | E200.7 | 05/18/09 18:42 / cp |
| Sulfate | 141 | mg/L | | 1 | | E300.0 | 05/18/09 17:07 / ljl |
| | | Ü | | | | | • |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 517 | umhos/cm | | 1 | | A2510 B | 05/05/09 11:17 / dd |
| pH | 9.15 | s.u. | | 0.01 | | A4500-H B | 05/05/09 11:17 / dd |
| Solids, Total Dissolved TDS @ 180 C | 354 | mg/L | | 10 | | A2540 C | 05/05/09 14:44 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 18:42 / cp |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/06/09 20:06 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 20:06 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 18:42 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 20:06 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 20:06 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 20:06 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 21:02 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 20:06 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 20:06 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 20:06 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 20:06 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 20:06 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 20:06 / ts |
| Uranium | 0.0577 | mg/L | | 0.0003 | | E200.8 | 05/06/09 20:06 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 20:06 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 20:06 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 18:20 / rdw |
| | ND | mg/L | | 0.01 | | E200.7 | 05/18/09 21:45 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-015

Client Sample ID: M-114

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | · | | | | | | |
| Gross Alpha | 370 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha precision (±) | 8.6 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta | 162 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta precision (±) | 3.4 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Radium 226 | 199 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 226 precision (±) | 2.5 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 228 | 4.2 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 precision (±) | 8.0 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.95 | % | | | | Calculation | 05/20/09 12:03 / kbh |
| Anions | 5.11 | meq/L | | | | Calculation | 05/20/09 12:03 / kbh |
| Cations | 4.92 | meg/L | | | | Calculation | 05/20/09 12:03 / kbh |
| Solids, Total Dissolved Calculated | 332 | mg/L | | | | Calculation | 05/20/09 12:03 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 05/20/09 12:03 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-016

Client Sample ID: M-115

Revised Date: 10/21/09

Report Date: 06/30/09 Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 86 | mg/L | | 1 | | A2320 B | 05/11/09 19:47 / ljl |
| Carbonate as CO3 | 4 | mg/L | | 1 | | A2320 B | 05/11/09 19:47 / ljl |
| Bicarbonate as HCO3 | 97 | mg/L | | 1 | | A2320 B | 05/11/09 19:47 / ljl |
| Calcium | 54 | mg/L | | 1 | | E200.7 | 05/11/09 15:29 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/13/09 06:03 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 12:32 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/11/09 15:29 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 10:50 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 12:36 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/11/09 15:29 / rdw |
| Silica | 14.9 | mg/L | | 0.2 | | E200.7 | 05/18/09 18:46 / cp |
| Sodium | 35 | mg/L | | 1 | | E200.7 | 05/11/09 15:29 / rdw |
| Sulfate | 136 | mg/L | | 1 | | E300.0 | 05/13/09 06:03 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 484 | umhos/cm | | 1 | | A2510 B | 05/05/09 11:28 / dd |
| pH | 9.09 | s.u. | | 0.01 | | A4500-H B | 05/05/09 11:28 / dd |
| Solids, Total Dissolved TDS @ 180 C | 319 | mg/L | | 10 | | A2540 C | 05/05/09 14:45 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 18:46 / cp |
| Arsenic | 0.006 | mg/L | | 0.001 | | E200.8 | 05/06/09 20:12 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 20:12 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 18:46 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 20:12 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 20:12 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 20:12 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 21:07 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 20:12 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 20:12 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 20:12 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 20:12 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 20:12 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 20:12 / ts |
| Uranium | 0.116 | mg/L | | 0.0003 | | E200.8 | 05/06/09 20:12 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 20:12 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 20:12 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 18:25 / rdv |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/18/09 21:49 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-016

Client Sample ID: M-115

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 145 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha precision (±) | 5.5 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta | 58.5 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta precision (±) | 2.4 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Radium 226 | 3.0 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 226 precision (±) | 0.32 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 228 | 1.4 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.63 | % | | | | Calculation | 05/14/09 15:35 / kbh |
| Anions | 4.71 | meq/L | | | | Calculation | 05/14/09 15:35 / kbh |
| Cations | 4.47 | meq/L | | | | Calculation | 05/14/09 15:35 / kbh |
| Solids, Total Dissolved Calculated | 288 | mg/L | | | | Calculation | 05/14/09 15:35 / kbh |
| TDS Balance (0.80 - 1.20) | 1.11 | | | | | Calculation | 05/14/09 15:35 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-017

Client Sample ID: M-116

Revised Date: 10/21/09 Report Date: 06/30/09 Collection Date: 05/04/09 DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|-------------|--------------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | - | | · | | | | |
| Alkalinity, Total as CaCO3 | 102 | mg/L | | 1 | | A2320 B | 05/11/09 19:54 / ljl |
| Carbonate as CO3 | 6 | mg/L | | 1 | | A2320 B | 05/11/09 19:54 / ljl |
| Bicarbonate as HCO3 | 111 | mg/L | | 1 | | A2320 B | 05/11/09 19:54 / ljl |
| Calcium | 58 | mg/L | | 1 | | E200.7 | 05/18/09 18:50 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/18/09 17:53 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 12:35 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/18/09 18:50 / cp |
| Nitrogen, Ammonia as N | 0.06 | mg/L | | 0.05 | | E350.1 | 05/07/09 10:53 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.16 | mg/L | | 0.05 | | E353.2 | 05/07/09 13:01 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/18/09 18:50 / cp |
| Silica | 14.8 | mg/L | | 0.2 | | E200.7 | 05/18/09 18:50 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 05/18/09 18:50 / cp |
| Sulfate | 116 | mg/L | | 1 | | E300.0 | 05/18/09 17:53 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 461 | umhos/cm | | 1 | | A2510 B | 05/05/09 11:29 / dd |
| pH | 8.85 | s.u. | | 0.01 | | A4500-H B | 05/05/09 11:29 / dd |
| Solids, Total Dissolved TDS @ 180 C | 310 | mg/L | | 10 | | A2540 C | 05/05/09 14:45 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 18:50 / cp |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 05/06/09 20:19 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 20:19 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 18:50 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 20:19 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 20:19 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 20:19 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 21:13 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 20:19 / ts |
| | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 20:19 / ts |
| Manganese | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 20:19 / ts |
| Mercury | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 20:19 / ts |
| Molybdenum | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 20:19 / ts |
| Nickel | 0.010 | - | | 0.001 | | E200.8 | 05/06/09 20:19 / ts |
| Selenium | 0.010 | mg/L mg/l | | 0.0003 | | E200.8 | 05/06/09 20:19 / ts |
| Uranium | 0.197 ND | mg/L mg/L | | 0.0003 | | E200.8 | 05/06/09 20:19 / ts |
| Vanadium Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 20:19 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 18:56 / rdw |
| HOH. | ND | mg/L | | 0.01 | | E200.7 | 05/18/09 21:53 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-017

Client Sample ID: M-116

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|-----------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 202 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha precision (±) | 6.3 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta | 71.5 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta precision (±) | 2.5 | pÇi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Radium 226 | 0.71 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 226 precision (±) | 0.17 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/26/09 16:13 / jah |
| Radium 228 | 8.0 | pCi/L | U | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.96 | % | | | | Calculation | 05/20/09 12:04 / kbh |
| Anions | 4.62 | meq/L | | | | Calculation | 05/20/09 12:04 / kbh |
| Cations | 4.44 | meg/L | | | | Calculation | 05/20/09 12:04 / kbh |
| Solids, Total Dissolved Calculated | 295 | mg/L | | | | Calculation | 05/20/09 12:04 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | Ū | | | | Calculation | 05/20/09 12:04 / kbh |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-018

Client Sample ID: M-117

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09 DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|-----------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 107 | mg/L | | 1 | | A2320 B | 05/11/09 20:01 / Iji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 20:01 / ljl |
| Bicarbonate as HCO3 | 131 | mg/L | | 1 | | A2320 B | 05/11/09 20:01 / ljl |
| Calcium | 59 | mg/L | | 1 | | E200.7 | 05/18/09 18:54 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/18/09 18:09 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 12:38 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/18/09 18:54 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 10:57 / eli- |
| Nitrogen, Nitrate+Nitrite as N | 0.10 | mg/L | | 0.05 | | E353.2 | 05/07/09 13:02 / eli- |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/18/09 18:54 / cp |
| Silica | 16.0 | mg/L | | 0.2 | | E200.7 | 05/18/09 18:54 / cp |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 05/18/09 18:54 / cp |
| Sulfate | 125 | mg/L | | 1 | | E300.0 | 05/13/09 07:05 / iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 476 | umhos/cm | | 1 | | A2510 B | 05/05/09 11:31 / dd |
| pH | 8.16 | s.u. | | 0.01 | | A4500-H B | 05/05/09 11:31 / dd |
| Solids, Total Dissolved TDS @ 180 C | 316 | mg/L | | 10 | | A2540 C | 05/05/09 14:45 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 18:54 / cp |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 05/06/09 20:46 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 20:46 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 18:54 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 20:46 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 20:46 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 20:46 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 21:18 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 20:46 / ts |
| Manganese | 0.06 | mg/L | | 0.01 | | E200.8 | 05/06/09 20:46 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 20:46 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 20:46 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 20:46 / ts |
| Selenium | 0.011 | mg/L | | 0.001 | | E200.8 | 05/06/09 20:46 / ts |
| Uranium | 0.191 | mg/L | | 0.0003 | | E200.8 | 05/06/09 20:46 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 20:46 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 20:46 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 19:01 / rdw |
| Manganese | 0.06 | mg/L | | 0.01 | | E200.7 | 05/18/09 21:57 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-018

Client Sample ID: M-117

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | • | | |
| Gross Alpha | 198 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha precision (±) | 6.3 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta | 66.6 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta precision (±) | 2.5 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Radium 226 | 1.4 | pCi/L | | | | E903.0 | 05/26/09 17:56 / jah |
| Radium 226 precision (±) | 0.22 | pCi/L | | | | E903.0 | 05/26/09 17:56 / jah |
| Radium 226 MDC | 0.14 | pCi/L | | | | E903.0 | 05/26/09 17:56 / jah |
| Radium 228 | 8.0 | pCi/L | U | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 precision (±) | 0.6 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 MDC | 1 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.76 | % | | | | Calculation | 05/20/09 12:04 / kbh |
| Anions | 4.91 | meq/L | | | | Calculation | 05/20/09 12:04 / kbh |
| Cations | 4.64 | meq/L | | | | Calculation | 05/20/09 12:04 / kbh |
| Solids, Total Dissolved Calculated | 312 | mg/L | | | | Calculation | 05/20/09 12:04 / kbh |
| TDS Balance (0.80 - 1.20) | 1.01 | - | | | | Calculation | 05/20/09 12:04 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-019

Client Sample ID: M-118

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 105 | mg/L | | 1 | | A2320 B | 05/11/09 20:09 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 20:09 / ljl |
| Bicarbonate as HCO3 | 128 | mg/L | | 1 | | A2320 B | 05/11/09 20:09 / Ijl |
| Calcium | 62 | mg/L | | 1 | | E200.7 | 05/18/09 18:58 / cp |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/18/09 18:24 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 12:41 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/18/09 18:58 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 10:58 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 13:04 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/18/09 18:58 / cp |
| Silica | 15.7 | mg/L | | 0.2 | | E200.7 | 05/18/09 18:58 / cp |
| Sodium | 36 | mg/L | | 1 | | E200.7 | 05/18/09 18:58 / cp |
| Sulfate | 147 | mg/L | | 1 | | E300.0 | 05/18/09 18:24 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 529 | umhos/cm | | 1 | | A2510 B | 05/05/09 11:33 / dd |
| pH | 7.95 | s.u. | | 0.01 | | A4500-H B | 05/05/09 11:33 / dd |
| Solids, Total Dissolved TDS @ 180 C | 347 | mg/L | | 10 | | A2540 C | 05/05/09 14:46 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 18:58 / cp |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/06/09 20:53 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 20:53 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 18:58 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 20:53 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 20:53 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 20:53 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 21:23 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 20:53 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 20:53 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 20:53 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 20:53 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 20:53 / ts |
| Selenium | 0.002 | mg/L | | 0.001 | | E200.8 | 05/06/09 20:53 / ts |
| Uranium | 0.201 | mg/L | | 0.0003 | | E200.8 | 05/06/09 20:53 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 20:53 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 20:53 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 19:06 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/18/09 22:01 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-019

Client Sample ID: M-118

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 245 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Alpha precision (±) | 7.1 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta | 88.7 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta precision (±) | 2.9 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 05/30/09 11:18 / cgr |
| Radium 226 | 28 | pCi/L | | | | E903.0 | 05/26/09 17:56 / jah |
| Radium 226 precision (±) | 0.91 | pCi/L | | | | E903.0 | 05/26/09 17:56 / jah |
| Radium 226 MDC | 0.14 | pCi/L | | | | E903.0 | 05/26/09 17:56 / jah |
| Radium 228 | 1.9 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.68 | % | | | | Calculation | 05/20/09 12:04 / kbh |
| Anions | 5.29 | meq/L | | | | Calculation | 05/20/09 12:04 / kbh |
| Cations | 5.02 | meq/L | | | | Calculation | 05/20/09 12:04 / kbh |
| Solids, Total Dissolved Calculated | 339 | mg/L | | | | Calculation | 05/20/09 12:04 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | | | | | Calculation | 05/20/09 12:04 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-020

Client Sample ID: M-120A

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09 DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | s Result Units Qualifier | | RL | MCL/ QCL | Method | Analysis Date / By | |
|-------------------------------------|--------------------------|--------------|----|-------------|--------|--------------------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 14 | mg/L | В | 1 | | A2320 B | 05/11/09 20:15 / ljl |
| Carbonate as CO3 | 7 | mg/L | | 1 | | A2320 B | 05/11/09 20:15 / ljl |
| Bicarbonate as HCO3 | 4 | mg/L | В | 1 | | A2320 B | 05/11/09 20:15 / ljl |
| Calcium | 29 | mg/L | | 1 | | E200.7 | 05/18/09 19:02 / cp |
| Chloride | 15 | mg/L | | 1 | | E300.0 | 05/18/09 18:40 / Ijl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 12:44 / Ijl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/18/09 19:02 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 10:59 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 13:05 / eli-b |
| Potassium | 8 | mg/L | | 1 | | E200.7 | 05/18/09 19:02 / cp |
| Silica | 15.4 | mg/L | | 0.2 | | E200.7 | 05/18/09 19:02 / cp |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 05/18/09 19:02 / cp |
| Sulfate | 52 | mg/L | | 1 | | E300.0 | 05/18/09 18:40 / IJI |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 396 | umhos/cm | | 1 | | A2510 B | 05/05/09 11:34 / dd |
| pH | 9.86 | S.U. | | 0.01 | | A4500-H B | 05/05/09 11:34 / dd |
| Solids, Total Dissolved TDS @ 180 C | 248 | mg/L | | 10 | | A2540 C | 05/05/09 14:46 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 19:02 / cp |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/06/09 21:00 / ts |
| Barium | ND. | mg/L | | 0.1 | | E200.8 | 05/06/09 21:00 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 19:02 / cp |
| Cadmium | ND | mg/L | | 0.005 | | €200.8 | 05/06/09 21:00 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 21:00 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 21:00 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 21:28 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 21:00 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 21:00 / ts |
| | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 21:00 / ts |
| Mercury | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 21:00 / ts |
| Molybdenum Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 21:00 / ts |
| | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 21:00 / ts |
| Selenium | 0.0454 | mg/L | | 0.0003 | | E200.8 | 05/06/09 21:00 / ts |
| Uranium Vanadium | 0.0454 ND | • | | 0.0003 | | E200.8 | 05/06/09 21:00 / ts |
| Vanadium Zinc | ND | mg/L mg/L | | 0.01 | | E200.8 | 05/06/09 21:00 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 19:11 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/18/09 22:05 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-020

Client Sample ID: M-120A

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | OTHES | | | | | |
| | 47.3 | nCill | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Alpha | | pCi/L | | | | | • |
| Gross Alpha precision (±) | 3.1 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Beta | 22.9 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Radium 226 | 0.58 | pCi/L | | | | E903.0 | 05/26/09 17:56 / jah |
| Radium 226 precision (±) | 0.16 | pCi/L | | | | E903.0 | 05/26/09 17:56 / jah |
| Radium 226 MDC | 0.14 | pCi/L | | | | E903.0 | 05/26/09 17:56 / jah |
| Radium 228 | 0.5 | pCi/L | U | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 precision (±) | 0.6 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 05/18/09 12:53 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.96 | % | | | | Calculation | 05/20/09 12:05 / kbh |
| Anions | 3.48 | meq/L | | | | Calculation | 05/20/09 12:05 / kbh |
| Cations | 3.21 | meq/L | | | | Calculation | 05/20/09 12:05 / kbh |
| Solids, Total Dissolved Calculated | 241 | mg/L | | | | Calculation | 05/20/09 12:05 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | • | | | | Calculation | 05/20/09 12:05 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-021

Client Sample ID: M-121

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|-------------------------------------|--------|----------|-----------|--------|------|---------------|------------------------|
| Analyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 127 | mg/L | | 1 | | A2320 B | 05/11/09 20:45 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 20:45 / ljl |
| Bicarbonate as HCO3 | 155 | mg/L | | 1 | | A2320 B | 05/11/09 20:45 / ljl |
| Calcium | 62 | mg/L | | 1 | | E200.7 | 05/18/09 19:18 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/18/09 18:55 / Iji |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 12:47 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/18/09 19:18 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/07/09 11:00 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/07/09 13:06 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/18/09 19:18 / cp |
| Silica | 17.2 | mg/L | | 0.2 | | E200.7 | 05/18/09 19:18 / cp |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 05/18/09 19:18 / cp |
| Sulfate | 128 | mg/L | | 1 | | E300.0 | 05/18/09 18:55 / ljl |
| | | Ū | | | | | |
| PHYSICAL PROPERTIES | | | | 4 | | 40540 D | 05/05/09 11:36 / dd |
| Conductivity | 507 | umhos/cm | | 1 | | A2510 B | ••,•• |
| pH | 8,11 | s.u. | | 0.01 | | A4500-H B | 05/05/09 11:36 / dd |
| Solids, Total Dissolved TDS @ 180 C | 335 | mg/L | | 10 | | A2540 C | 05/05/09 14:46 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 19:18 / cp |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/06/09 21:34 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 21:34 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/18/09 19:18 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/06/09 21:34 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 21:34 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/06/09 21:34 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 21:33 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 21:34 / ts |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.8 | 05/06/09 21:34 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 21:34 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 21:34 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/06/09 21:34 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/06/09 21:34 / ts |
| Uranium | 0.0432 | mg/L | | 0.0003 | | E200.8 | 05/06/09 21:34 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/06/09 21:34 / ts |
| Zinc | ND | mg/L | | 0.01 | | €200.8 | 05/06/09 21:34 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 19:16 / rdw |
| ,, ,,, | 0.04 | mg/L | | 0.01 | | E200.7 | 05/18/09 22:29 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-021

Client Sample ID: M-121

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | · | | | | | |
| Gross Alpha | 58.7 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha precision (±) | 3.6 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta | 20.8 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Radium 226 | 0.96 | pCi/L | | | | E903.0 | 05/27/09 10:55 / jah |
| Radium 226 precision (±) | 0.21 | pCi/L | | | | E903.0 | 05/27/09 10:55 / jah |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 05/27/09 10:55 / jah |
| Radium 228 | 1.2 | pCi/L | U | | | RA-05 | 05/19/09 10:50 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/19/09 10:50 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/19/09 10:50 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.75 | % | | | | Calculation | 05/20/09 12:06 / kbh |
| Anions | 5.34 | meq/L | | | | Calculation | 05/20/09 12:06 / kbh |
| Cations | 4.86 | meq/L | | | | Calculation | 05/20/09 12:06 / kbh |
| Solids, Total Dissolved Calculated | 332 | mg/L | | | | Calculation | 05/20/09 12:06 / kbh |
| TDS Balance (0.80 - 1.20) | 1.01 | · | | | | Calculation | 05/20/09 12:06 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-022

Client Sample ID: M-130

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09 DateReceived: 05/04/09

Matrix: Aqueous

| 2 ND 2 ND ND ND ND ND | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | В | 1 1 1 1 1 0.1 1 0.05 | | A2320 B A2320 B A2320 B E200.7 E300.0 A4500-F C E200.7 | 05/11/09 20:50 / Ijl 05/11/09 20:50 / Ijl 05/11/09 20:50 / Ijl 05/12/09 21:38 / rdw 05/13/09 08:38 / Ijl 05/11/09 12:54 / Ijl |
|---|--|---|---|--|--|--|
| ND 2 ND | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 1 1 1 0.1 | | A2320 B A2320 B E200.7 E300.0 A4500-F C | 05/11/09 20:50 / ljl 05/11/09 20:50 / ljl 05/12/09 21:38 / rdw 05/13/09 08:38 / ljl 05/11/09 12:54 / ljl |
| 2 ND ND ND ND ND ND | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | В | 1 1 1 0.1 1 | | A2320 B E200.7 E300.0 A4500-F C | 05/11/09 20:50 / ljl 05/12/09 21:38 / rdw 05/13/09 08:38 / ljl 05/11/09 12:54 / ljl |
| ND ND ND ND ND ND | mg/L mg/L mg/L mg/L mg/L mg/L mg/L | В | 1 1 0.1 1 | | E200.7 E300.0 A4500-F C | 05/12/09 21:38 / rdw 05/13/09 08:38 / ljl 05/11/09 12:54 / ljl |
| ND ND ND ND ND ND | mg/L mg/L mg/L mg/L mg/L mg/L | | 1 0.1 1 | | E300.0 A4500-F C | 05/13/09 08:38 / ljl 05/11/09 12:54 / ljl |
| ND ND ND ND ND ND | mg/L mg/L mg/L mg/L mg/L | | 0.1 1 | | A4500-F C | 05/11/09 12:54 / ljl |
| ND ND ND ND ND ND | mg/L mg/L mg/L mg/L | | 1 | | | • |
| ND ND ND ND ND | mg/L mg/L mg/L | | 1 | | E200.7 | 05/13/00 31:39 / |
| ND ND ND ND | mg/L mg/L | | 0.05 | | | 05/12/09 21:38 / rdw |
| ND ND ND | mg/L | | | | E350.1 | 05/07/09 11:01 / eli-l |
| ND ND | | | 0.05 | | E353.2 | 05/07/09 12:53 / eli-b |
| ND | | | 1 | | E200.7 | 05/12/09 21:38 / rdw |
| | | | 0.2 | | E200.7 | 05/18/09 19:31 / cp |
| ND | | | | | | 05/12/09 21:38 / rdw |
| ND | mg/L | | 1 | | E300.0 | 05/13/09 08:38 / IjI |
| | | | | | | |
| 1 | umhos/cm | | 1 | | A2510 B | 05/05/09 11:40 / dd |
| 6.01 | s.u. | | 0.01 | | A4500-H B | 05/05/09 11:40 / dd |
| ND | mg/L | | 10 | | A2540 C | 05/05/09 14:46 / rp |
| | | | | | | |
| NΠ | ma/l | | 0.1 | | E200.7 | 05/18/09 19:31 / cp |
| | _ | | | | | 05/06/09 21:40 / ts |
| | | | | | | 05/06/09 21:40 / ts |
| | | | | | | 05/18/09 19:31 / cp |
| | | | | | | 05/06/09 21:40 / ts |
| | _ | | | | | 05/06/09 21:40 / ts |
| | | | | | | 05/06/09 21:40 / ts |
| | - | | | | | 05/12/09 21:38 / rdw |
| | - | | | | | 05/06/09 21:40 / ts |
| | | | | | | 05/06/09 21:40 / ts |
| | - | | | | | 05/06/09 21:40 / ts |
| | | | | | | 05/06/09 21:40 / ts |
| | | | | | | 05/06/09 21:40 / ts |
| | - | | | | | 05/06/09 21:40 / ts |
| | - | | | | | 05/06/09 21:40 / ts |
| | | | | | | 05/06/09 21:40 / ts |
| 0.02 | | | 0.1 | | E200.8 | 05/06/09 21:40 / ts |
| | - | | | | | |
| ND | ma/l | | 0.03 | | E200.7 | 05/08/09 19:21 / rdw |
| | _ | | | | | 05/18/09 22:37 / cp |
| | ND ND 1 6.01 ND | ND mg/L ND mg/L 1 umhos/cm 6.01 s.u. ND mg/L | ND mg/L ND mg/L 1 umhos/cm 6.01 s.u. ND mg/L ND mg/L | ND mg/L 1 ND mg/L 1 1 umhos/cm 1 6.01 s.u. 0.01 ND mg/L 10 ND mg/L 0.01 ND mg/L 0.001 ND mg/L 0.005 ND mg/L 0.05 ND mg/L 0.01 ND mg/L 0.01 ND mg/L 0.001 ND mg/L 0.001 ND mg/L 0.05 ND mg/L 0.001 0.0004 mg/L 0.0001 0.002 mg/L 0.001 ND mg/L 0.001 0.00 mg/L 0.001 0.00 0.001 0.001 ND mg/L 0.001 | ND mg/L 1 ND mg/L 1 1 umhos/cm 1 6.01 s.u. 0.01 ND mg/L 10 ND mg/L 10 ND mg/L 0.01 ND mg/L 0.01 ND mg/L 0.05 ND mg/L 0.01 ND mg/L 0.01 ND mg/L 0.001 0.0004 mg/L 0.001 ND mg/L 0.001 ND mg/L 0.01 ND | ND mg/L 1 E200.7 ND mg/L 1 E300.0 1 umhos/cm 1 A2510 B 6.01 s.u. 0.01 A4500-H B ND mg/L 10 A2540 C ND mg/L 0.1 E200.8 ND mg/L 0.1 E200.8 ND mg/L 0.1 E200.7 ND mg/L 0.1 E200.8 ND mg/L 0.1 E200.8 ND mg/L 0.1 E200.8 ND mg/L 0.05 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.05 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.001 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.05 E200.8 ND mg/L 0.05 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.001 E200.8 ND mg/L 0.001 E200.8 ND mg/L 0.001 E200.8 ND mg/L 0.0003 E200.8 ND mg/L 0.1 E200.8 |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050081-022

Client Sample ID: M-130

Revised Date: 10/21/09

Report Date: 06/30/09

Collection Date: 05/04/09

DateReceived: 05/04/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|---------------------------|--------|-------|-----------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | -0.3 | pCi/L | U | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Alpha precision (±) | 0.5 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Alpha MDC | 0.9 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Beta | 0.04 | pCi/L | U | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Beta precision (±) | 1.5 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Radium 226 | -0.1 | pCi/L | U | | | E903.0 | 05/27/09 10:55 / jah |
| Radium 226 precision (±) | 0.07 | pCi/L | | | | E903.0 | 05/27/09 10:55 / jah |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 05/27/09 10:55 / jah |
| Radium 228 | -0.1 | pCi/L | U | | | RA-05 | 05/19/09 10:50 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/19/09 10:50 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/19/09 10:50 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -100 | % | | | | Calculation | 05/14/09 15:41 / kbh |
| Anions | 0.0376 | meq/L | | | | Calculation | 05/14/09 15:41 / kbh |
| Cations | ND | meq/L | | | | Calculation | 05/14/09 15:41 / kbh |

⁻ The ion balance is not appropriate for near blank results.

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration

UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------------|---------------------|-------------|------|------------|---------------|----------------------------|-------------|-----------------|
| Method: A2320 B | | | - 100 hayar | | | | THE PERSON NAMED IN COLUMN | Batch: | R118037 |
| Sample ID: MBLK | Method Blank | | | | Run: MAN | TECH 090511B | | 05/11 | /09 16:50 |
| Alkalinity, Total as CaCO3 | 4 | mg/L | 0.2 | | | | | 50/11 | 700 10.00 |
| Carbonate as CO3 | ND | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | 5 | mg/L | 1 | | | | | | |
| Sample ID: LCS | Laboratory Cor | ntrol Sample | | | Run: MAN | TECH 090511B | | 05/11 | /09 17:12 |
| Alkalinity, Total as CaCO3 | 52.8 | mg/L | 5.0 | 98 | 90 | 110 | | | |
| Sample ID: C09050081-005AMS | Sample Matrix | Spike | | | Run: MAN | TECH_090511B | | 05/11 | //09 17:55 |
| Alkalinity, Total as CaCO3 | 258 | mg/L | 5.0 | 101 | 80 | 120 | | | |
| Sample ID: C09050081-005AMSD | Sample Matrix | Spike Duplicate | | | Run: MAN | TECH_090511B | | 05/11 | /09 18:03 |
| Alkalinity, Total as CaCO3 | 263 | mg/L | 5.0 | 105 | 80 | 120 | 1.9 | 20 | 700 10.00 |
| Method: A2510 B | | | | | | Analytica | I Run: (| ORION555A_ | 090505A |
| Sample ID: ICV2_090505_1 | Initial Calibration | on Verification Sta | ındard | | | | | | - 5/09 10:40 |
| Conductivity | 1510 u | mhos/cm | 1.0 | 107 | 90 | 110 | | 00,00 | 700 10.40 |
| Method: A2510 B | | | 199741 | **** | | Bat | ch: 090 |)505_1_PH-V | V 555A-1 |
| Sample ID: MBLK1 090505 1 | Method Blank | | | | Bun OBIO | | | | |
| Conductivity | | mhos/cm | 0.2 | | Ruii. ORio | N555A_090505A | ` | 05/05 | 5/09 10:36 |
| Sample ID: C09050081-005ADUP | Sample Duplic | ate | | | Run: ORIO | N555A_090505A | | 05/05 | 5/09 10:59 |
| Conductivity | 737 u | mhos/cm | 1.0 | | | _ | 0.1 | 10 | |
| Sample ID: C09050081-015ADUP | Sample Duplic | ate | | | Run: ORIO | N555A_090505A | ١ | 05/05 | 5/09 11:19 |
| Conductivity | 517 u | mhos/cm | 1.0 | | | _ | 0 | 10 | |



UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09 Work Order: C09050081

| Analyte | Result Units | RL | %REC | Low Limit High Limit | RPD | RPDLimit Qual |
|---|--|-----|------|------------------------------|------------|----------------------|
| Method: A2540 C | The state of the s | | | | | 0505_1_SLDS-TDS-W |
| Sample ID: C09050081-005AMS | Commis Matrix Cultur | | | | Daton. 030 | |
| Solids, Total Dissolved TDS @ 180 C | Sample Matrix Spike 2560 mg/L | 10 | 102 | Run: BAL-1_090505B 90 110 | | 05/05/09 14:41 |
| | 2000 Mg/L | 10 | 102 | 30 110 | | |
| Sample ID: C09050081-005AMSD | Sample Matrix Spike Duplicate | | | Run: BAL-1_090505B | | 05/05/09 14:41 |
| Solids, Total Dissolved TDS @ 180 C | 2550 mg/L | 10 | 101 | 90 110 | 0.5 | 10 |
| Sample ID: C09050081-015AMS | Sample Matrix Spike | | | Run: BAL-1_090505B | | 05/05/09 14:44 |
| Solids, Total Dissolved TDS @ 180 C | 2380 mg/L | 10 | 101 | 90 110 | | 03/03/09 14.44 |
| Sample ID. COORTOOM OFFARIOR | Commis Malel C. N. D. W. J. | | | | | |
| Sample ID: C09050081-015AMSD Solids, Total Dissolved TDS @ 180 C | Sample Matrix Spike Duplicate 2360 mg/L | 10 | 100 | Run: BAL-1_090505B | | 05/05/09 14:44 |
| 2011d3, 10tal 213301VCU 120 @ 100 C | 2300 Mg/L | 10 | 100 | 90 110 | 8.0 | 10 |
| Sample ID: C09050083-003AMS | Sample Matrix Spike | | | Run: BAL-1_090505B | | 05/05/09 14:48 |
| Solids, Total Dissolved TDS @ 180 C | 2630 mg/L | 10 | 101 | 90 110 | | |
| Sample ID: C09050083-003AMSD | Sample Matrix Spike Duplicate | | | Run: BAL-1_090505B | | 05/05/09 14:48 |
| Solids, Total Dissolved TDS @ 180 C | 2640 mg/L | 10 | 102 | _ | 0.3 | 10 |
| Security ID. WIDLIGA COOPER | | | | | | , • |
| Sample ID: MBLK1_090505 Solids, Total Dissolved TDS @ 180 C | Method Blank ND mg/L | _ | | Run: BAL-1_090505C | | 05/05/09 14:37 |
| 00.00, 10.01 D.5301/CU 120 @ 100 O | ND mg/L | 6 | | | | |
| Sample ID: LCS1_090505 | Laboratory Control Sample | | | Run: BAL-1_090505C | | 05/05/09 14:38 |
| Solids, Total Dissolved TDS @ 180 C | 1010 mg/L | 10 | 101 | 90 110 | | |
| Sample ID: C09050081-005AMS | Sample Matrix Spike | | | Run: BAL-1_090505C | | 05/05/00 44444 |
| Solids, Total Dissolved TDS @ 180 C | 2560 mg/L | 10 | 102 | | | 05/05/09 14:41 |
| County ID Concerns of concerns | | | | | | |
| Sample ID: C09050081-005AMSD Solids, Total Dissolved TDS @ 180 C | Sample Matrix Spike Duplicate | 4.0 | | Run: BAL-1_090505C | | 05/05/09 14:41 |
| Colles, Total Dissolved TDG @ 100 C | 2550 mg/L | 10 | 101 | 90 110 | 0.5 | 10 |
| Sample ID: C09050081-015AMS | Sample Matrix Spike | | | Run: BAL-1_090505C | | 05/05/09 14:44 |
| Solids, Total Dissolved TDS @ 180 C | 2380 mg/L | 10 | 101 | 90 110 | | |
| Sample ID: C09050081-015AMSD | Sample Matrix Spike Duplicate | | | Dun: BAL 1 0005050 | | 05/05/00 / / / |
| Solids, Total Dissolved TDS @ 180 C | 2360 mg/L | 10 | 100 | Run: BAL-1_090505C 90 110 | 0.8 | 05/05/09 14:44 10 |
| _ | | | . 30 | 110 | 0.0 | |
| Sample ID: C09050083-003AMS | Sample Matrix Spike | | | Run: BAL-1_090505C | | 05/05/09 14:48 |
| Solids, Total Dissolved TDS @ 180 C | 2630 mg/L | 10 | 101 | 90 110 | | |
| Sample ID: C09050083-003AMSD | Sample Matrix Spike Duplicate | | | Run: BAL-1_090505C | | 05/05/09 14:48 |
| Solids, Total Dissolved TDS @ 180 C | 2640 mg/L | 10 | 102 | 90 110 | 0.3 | 10 |
| | | | | | | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--|--------------------------|----------------------------|------------------|------|-----------------------------|---------------------|---------|-------------|-----------------|
| Method: A4500-F C | | | | | | | | Batch: | R118028 |
| Sample ID: MBLK-1 Fluoride | Method Blank ND | mg/L | 0.05 | | Run: MAN | FECH_090511A | | 05/11 | /09 10:42 |
| Sample ID: LCS-1 Fluoride | Laboratory Co 1.02 | ntrol Sample mg/L | 0.10 | 102 | Run: MAN | TECH_090511A 110 | | 05/11 | /09 10:45 |
| Sample ID: C09050081-002AMS Fluoride | Sample Matrix | s Spike mg/L | 0.10 | 101 | Run: MAN 80 | ΓΕCH_090511A 120 | | 05/11 | /09 11:15 |
| Sample ID: C09050081-002AMSD Fluoride | Sample Matrix 1.14 | Spike Duplicate mg/L | 0.10 | 103 | Run: MAN 80 | ΓΕCH_090511A 120 | 1.8 | 05/11 10 | /09 11:18 |
| Sample ID: C09050081-012AMS Fluoride | Sample Matrix 1.16 | Spike mg/L | 0.10 | 101 | Run: MAN ⁻ 80 | FECH_090511A 120 | | 05/11 | /09 12:05 |
| Sample ID: C09050081-012AMSD Fluoride | Sample Matrix 1.16 | Spike Duplicate mg/L | 0.10 | 101 | Run: MAN 80 | ΓΕCH_090511A 120 | 0 | 05/11 10 | /09 12:08 |
| Sample ID: C09050081-022AMS Fluoride | Sample Matrix 0.980 | s Spike mg/L | 0.10 | 98 | Run: MAN [*] 80 | TECH_090511A 120 | | 05/11 | /09 12:57 |
| Sample ID: C09050081-022AMSD Fluoride | Sample Matrix 1.00 | Spike Duplicate mg/L | 0.10 | 100 | Run: MAN [*] 80 | TECH_090511A 120 | 2 | 05/11 10 | /09 13:00 |
| Method: A4500-H B | | | | | | Analytica | l Run: | ORION555A | _090505A |
| Sample ID: ICV1_090505_1 pH | Initial Calibrat 6.94 | ion Verification S s.u. | tandard 0.010 | 101 | 98 | 102 | | 05/05 | 5/09 10:38 |
| Method: A4500-H B | | | | | | Bat | ch: 090 |)505_1_PH-V | V_555A-1 |
| Sample ID: C09050081-005ADUP pH | Sample Dupli 7.75 | cate s.u. | 0.010 | | Run: ORIC | N555A_090505A | | | - 5/09 10:59 |
| Sample ID: C09050081-015ADUP pH | Sample Dupli 9.15 | cate s.u. | 0.010 | | Run: ORIC | N555A_090505A | 0 | 05/05 10 | 5/09 11:19 |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09 Work Order: C09050081

| | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|--------------------|---------------|-----------------|-------|---|-------------|--|-----------|----------|------------|
| Method: | E200.7 | | | | *************************************** | | A COLUMN A C | — <u></u> | Bat | ch: 22267 |
| Sample ID: | MB-22267 | Method Blank | | | | Run: ICP2 | -C_090511A | | 05/11 | /09 19:02 |
| Iron | | ND | mg/L | 0.03 | | 11011.101 2 | 0_00001171 | | 03/11 | 705 15.02 |
| Manganese | | ND | mg/L | 0.007 | | | | | | |
| Sample ID: | LCS3-22267 | Laboratory Co | ntrol Sample | | | Run: ICP2- | -C_090511A | | 05/11 | /09 19:06 |
| Iron | | 2.55 | mg/L | 0.033 | 102 | 85 | 115 | | | |
| Manganese | | 2.57 | mg/L | 0.010 | 103 | 85 | 115 | | | |
| Sample ID: | C09050052-003BMS3 | Sample Matrix | Spike | | | Run: ICP2 | -C_090511A | | 05/11 | /09 19:26 |
| Iron | | 2.85 | mg/L | 0.033 | 101 | 70 | 130 | | | |
| Manganese | | 2.79 | mg/L | 0.010 | 102 | 70 | 130 | | | |
| Sample ID: | C09050052-003BMSD3 | Sample Matrix | Spike Duplicate | | | Run: ICP2 | -C_090511A | | 05/11 | /09 19:30 |
| Iron | | 2.82 | mg/L | 0.033 | 100 | 70 | 130 | 1 | 20 | |
| Manganese | | 2.75 | mg/L | 0.010 | 101 | 70 | 130 | 1.6 | 20 | |
| Method: | E200.7 | | | | | | | | Batch: | R117975 |
| Sample ID: | LRB | Method Blank | | | | Run: ICP3- | -C 090508A | | 05/08 | 3/09 15:16 |
| Iron | | 0.04 | mg/L | 0.01 | | | 0_0000007 | | 03/00 | #05 TJ. TO |
| Sample ID: | LFB | Laboratory Fo | rtified Blank | | | Run: ICP3 | -C_090508A | | 05/08 | 3/09 15:21 |
| Iron | | 5.16 | mg/L | 0.030 | 102 | 85 | 115 | | | |
| Sample ID: | C09050081-005DMS | Sample Matrix | c Spike | | | Run: ICP3 | -C_090508A | | 05/08 | 3/09 17:09 |
| Iron | | 0.496 | mg/L | 0.030 | 85 | 70 | 130 | | | |
| Sample ID: | C09050081-005DMSD | Sample Matrix | Spike Duplicate | | | Run: ICP3 | -C_090508A | | 05/08 | 3/09 17:14 |
| Iron | | 0.459 | mg/L | 0.030 | 78 | 70 | 130 | 7.7 | 20 | |
| Sample ID: | C09050081-016DMS | Sample Matrix | k Spike | | | Run: ICP3 | -C_090508A | | 05/08 | 3/09 18:30 |
| Iron | | 0.426 | mg/L | 0.030 | 83 | 70 | 130 | | | |
| Sample ID: | C09050081-016DMSD | Sample Matrix | Spike Duplicate | | | Run: ICP3 | -C_090508A | | 05/08 | 3/09 18:35 |
| Iron | | 0.404 | mg/L | 0.030 | 79 | 70 | 130 | 5.3 | 20 | |
| Sample ID: | C09050144-004CMS | Sample Matrix | c Spike | | | Run: ICP3 | -C_090508A | | 05/08 | 3/09 20:02 |
| Iron | | 0.406 | mg/L | 0.030 | 80 | 70 | 130 | | | |
| Sample ID: | C09050144-004CMSD | Sample Matrix | Spike Duplicate | | | Run: ICP3 | -C_090508A | | 05/08 | 3/09 20:07 |
| lron | | 0.434 | mg/L | 0.030 | 85 | 70 | 130 | 6.5 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09

Work Order: C09050081

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|-------------------|----------------|--|------|------|------------|------------|------------|----------|------------|
| Method: | E200.7 | | AND SECTION OF THE SE | | | | | · Although | Batch | : R11803 |
| Sample ID: | LRB | Method Blank | | | | Run: ICP3- | C_090511A | | 05/1 | 1/09 12:28 |
| Calcium | | 0.3 | mg/L | 0.2 | | | | | | .,00 ,2.20 |
| Magnesium | | 0.3 | mg/L | 0.2 | | | | | | |
| Potassium | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: | LFB | Laboratory For | tified Blank | | | Run: ICP3- | C_090511A | | 05/1 | 1/09 12:33 |
| Calcium | | 47.4 | mg/L | 0.50 | 94 | 85 | 115 | | | ., |
| Magnesium | | 48.0 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Potassium | | 46.6 | mg/L | 0.50 | 93 | 85 | 115 | | | |
| Sodium | | 47.7 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Sample ID: | MB-22250 | Method Blank | | | | Run: ICP3- | C_090511A | | 05/1 | 1/09 12:48 |
| Calcium | | ND | mg/L | 0.2 | | | | | 00, 1 | 1700 1210 |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Potassium | | 0.06 | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: | C09050091-001BMS | Sample Matrix | Spike | | | Run: ICP3- | C_090511A | | 05/1 | 1/09 13:04 |
| Calcium | | 484 | mg/L | 1.0 | 83 | 70 | 130 | | 30, 1 | 1700 70.0 |
| Magnesium | | 238 | mg/L | 1.0 | 85 | 70 | 130 | | | |
| Potassium | | 221 | mg/L | 1.0 | 85 | 70 | 130 | | | |
| Sodium | | 231 | mg/L | 1.0 | 86 | 70 | 130 | | | |
| Sample ID: | C09050091-001BMSD | Sample Matrix | Spike Duplicate | | | Run: ICP3- | C_090511A | | 05/1 | 1/09 13:09 |
| Calcium | | 493 | mg/L | 1.0 | 87 | 70 | 130 | 1.8 | 20 | |
| Magnesium | | 243 | mg/L | 1.0 | 87 | 70 | 130 | 2 | 20 | |
| Potassium | | 220 | mg/L | 1.0 | 85 | 70 | 130 | 0.1 | 20 | |
| Sodium | | 232 | mg/L | 1.0 | 86 | 70 | 130 | 0.5 | 20 | |
| Sample ID: | C09050081-008BMS | Sample Matrix | Spike | | | Run: ICP3- | C_090511A | | 05/1 | 1/09 14:2: |
| Calcium | | 123 | mg/L | 1.0 | 82 | 70 | 130 | | | |
| Magnesium | | 46.2 | mg/L | 1.0 | 84 | 70 | 130 | | | |
| Potassium | | 44.9 | mg/L | 1.0 | 83 | 70 | 130 | | | |
| Sodium | | 68.8 | mg/L | 1.0 | 83 | 70 | 130 | | | |
| | C09050081-008BMSD | Sample Matrix | Spike Duplicate | | | Run: ICP3- | C_090511A | | 05/1 | 1/09 14:28 |
| Calcium | | 128 | mg/L | 1.0 | 91 | 70 | 130 | 3.9 | 20 | |
| Magnesium | | 51.0 | mg/L | 1.0 | 93 | 70 | 130 | 9.8 | 20 | |
| Potassium | | 47.9 | mg/L | 1.0 | 89 | 70 | 130 | 6.5 | 20 | |
| Sodium | | 72.9 | mg/L | 1.0 | 91 | 70 | 130 | 5.7 | 20 | |
| | C09050081-018BMS | Sample Matrix | Spike | | | Run: ICP3- | C_090511A | | 05/1 | 1/09 15:44 |
| Calcium | | 100 | mg/L | 1.0 | 96 | 70 | 130 | | | |
| Magnesium | | 49.2 | mg/L | 1.0 | 91 | 70 | 130 | | | |
| Potassium | | 47.2 | mg/L | 1.0 | 87 | 70 | 130 | | | |
| Sodium | | 78.9 | mg/L | 1.0 | 94 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602 Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc

Report Date: 06/30/09

Project: Lost Creek

| Analyte | Result Uni | its RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------------|-------------|------|------------|------------|-----|----------|------------|
| Method: E200.7 | | | | | | | Batch: | R118035 |
| Sample ID: C09050081-018BMSD | Sample Matrix Spike | e Duplicate | | Run: ICP3- | C_090511A | | 05/11 | 1/09 15:50 |
| Calcium | 94.5 mg/ | L 1.0 | 84 | 70 | 130 | 5.9 | 20 | |
| Magnesium | 46.8 mg/ | L 1.0 | 87 | 70 | 130 | 5 | 20 | |
| Potassium | 46.4 mg/ | L 1.0 | 86 | 70 | 130 | 1.8 | 20 | |
| Sodium | 76.1 mg/ | L 1.0 | 88 | 70 | 130 | 3.6 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09

Work Order: C09050081 Analyte Result Units RL %REC Low Limit High Limit

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|-------------------|-------|----------|--|------------|------------|----------|-----------|
| Method: E200.7 | | | | | the state of the s | | | Batch: I | R118077 |
| Sample ID: LRB | Method Blank | | | | Run: ICP3- | -C_090512A | | 05/12/ | '09 11:51 |
| Calcium | ND | mg/L | 0.2 | | | | | 55, 12, | 50 11.0 |
| Iron | 0.03 | mg/L | 0.01 | | | | | | |
| Magnesium | 0.2 | mg/L | 0.2 | | | | | | |
| Potassium | ND | mg/L | 0.03 | | | | | | |
| Sodium | ND | mg/L | 0.1 | | | | | | |
| Sample ID: LFB | Laboratory Fo | rtified Blank | | | Run: ICP3- | -C_090512A | | 05/12/ | 09 11:56 |
| Calcium | 46.7 | mg/L | 0.50 | 93 | 85 | 115 | | | |
| Iron | 5.00 | mg/L | 0.030 | 100 | 85 | 115 | | | |
| Magnesium | 47.6 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Potassium | 45.6 | mg/L | 0.50 | 91 | 85 | 115 | | | |
| Sodium | 46.9 | mg/L | 0.50 | 94 | 85 | 115 | | | |
| Sample ID: C09050144-014BMS | Sample Matrix | Spike | | | Run: ICP3- | -C_090512A | | 05/12/ | 09 17:54 |
| Calcium | 68.9 | mg/L | 1.0 | 82 | 70 | 130 | | 33, 12, | |
| Iron | 0.431 | mg/L | 0.030 | 84 | 70 | 130 | | | |
| Magnesium | 41.5 | mg/L | 1.0 | 80 | 70 | 130 | | | |
| Potassium | 51.1 | mg/L | 1.0 | 82 | 70 | 130 | | | |
| Sodium | 75.0 | mg/L | 1.0 | 87 | 70 | 130 | | | |
| Sample ID: C09050144-014BMSD | Sample Matrix | : Spike Duplicate | | | Run: ICP3- | -C_090512A | | 05/12/ | 09 17:59 |
| Calcium | 65.3 | mg/L | 1.0 | 75 | 70 | 130 | 5.5 | 20 | |
| Iron | 0.405 | mg/L | 0.030 | 79 | 70 | 130 | 6.2 | 20 | |
| Magnesium | 39.9 | mg/L | 1.0 | 77 | 70 | 130 | 4.1 | 20 | |
| Potassium | 49.6 | mg/L | 1.0 | 79 | 70 | 130 | 3.1 | 20 | |
| Sodium | 71.8 | mg/L | 1.0 | 81 | 70 | 130 | 4.4 | 20 | |
| Sample ID: MB-22250 | Method Blank | | | | Run: ICP3- | -C_090512A | | 05/12/ | '09 18:50 |
| Calcium | ND | mg/L | 0.2 | | | _ | | 33.12 | 00 ,0.00 |
| Iron | ND | mg/L | 0.01 | | | | | | |
| Magnesium | ND | mg/L | 0.2 | | | | | | |
| Potassium | 0.06 | mg/L | 0.03 | | | | | | |
| Sodium | ND | mg/L | 0.1 | | | | | | |
| Sample ID: C09050246-001BMS | Sample Matrix | : Spike | | | Run: ICP3- | -C_090512A | | 05/12/ | '09 22:14 |
| Calcium | 104 | mg/L | 1.0 | 77 | 70 | 130 | | | |
| Iron | 0.449 | mg/L | 0.030 | 81 | 70 | 130 | | | |
| Magnesium | 42.4 | mg/L | 1.0 | 76 | 70 | 130 | | | |
| Potassium | 41.5 | mg/L | 1.0 | 78 | 70 | 130 | | | |
| Sodium | 67.2 | mg/L | 1.0 | 80 | 70 | 130 | | | |
| Sample ID: C09050246-001BMSD | Sample Matrix | Spike Duplicate | | | Run: ICP3- | -C_090512A | | 05/12/ | 09 22:19 |
| Calcium | 104 | mg/L | 1.0 | 77 | 70 | 130 | 0.1 | 20 | |
| _ | | | | | | | | 20 | |
| Iron | 0.430 | mg/L | 0.030 | 77 | 70 | 130 | 4.0 | 20 | |
| Iron Magnesium | 0.430 43.1 | mg/L mg/L | 1.0 | 77 78 | 70 70 | 130 | 4.5 1.7 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

Client: UR Energy USA Inc Project: Lost Creek Report Date: 06/30/09

| Analyte | Result Units | RL | %REC Lo | w Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|--|-----|---------|------------|------------------|-----|-------------|-----------|
| Method: E200.7 | | | | | | | Batch: | R118077 |
| Sample ID: C09050246-001BMSD Sodium | Sample Matrix Spike Duplicate 67.2 mg/L | 1.0 | R 80 | un: ICP3-0 | C_090512A 130 | 0 | 05/12 20 | /09 22:19 |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09

Work Order: C09050081

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD RI | PDLimit | Qual |
|------------|--------------------|----------------|-----------------|-------|-----------------------------|------------|------------|----------|---------|-----------|
| Method: | E200.7 | | | | A THE PARTY OF THE PARTY OF | | | <u> </u> | Batch | : R11832 |
| Sample ID: | MB-090518A | Method Blank | | | | Run: ICP2- | C_090518A | | 05/18 | 3/09 13:0 |
| Aluminum | | ND | mg/L | 0.03 | | | _ | | | |
| Boron | | ND | mg/L | 0.03 | | | | | | |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Iron | | ND | mg/L | 0.005 | | | | | | |
| Magnesium | | ND | mg/L | 0.09 | | | | | | |
| Manganese | | ND | mg/L | 0.001 | | | | | | |
| Potassium | | ND | mg/L | 0.1 | | | | | | |
| Silicon | | 0.04 | mg/L | 0.01 | | | | | | |
| Sodium | | ND | mg/L | 0.2 | | | | | | |
| Sample ID: | LFB-090518A | Laboratory For | tified Blank | | | Run: ICP2- | C_090518A | | 05/18 | 8/09 13:1 |
| Aluminum | | 0.938 | mg/L | 0.10 | 94 | 85 | _ 115 | | | |
| Boron | | 1.01 | mg/L | 0.10 | 101 | 85 | 115 | | | |
| Calcium | | 49.6 | mg/L | 0.50 | 99 | 85 | 115 | | | |
| Iron | | 0.942 | mg/L | 0.030 | 94 | 85 | 115 | | | |
| Magnesium | | 49.8 | mg/L | 0.50 | 100 | 85 | 115 | | | |
| Manganese | | 0.973 | mg/L | 0.010 | 97 | 85 | 115 | | | |
| Potassium | | 47.3 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Silicon | | 0.452 | mg/L | 0.015 | 104 | 85 | 115 | | | |
| Sodium | | 47.9 | mg/L | 0.50 | 96 | 85 | 115 | | | |
| Silica | | 0.967 | mg/L | 0.032 | 113 | 85 | 125 | | | |
| Sample ID: | C09050081-001BMS2 | Sample Matrix | Spike | | | Run: ICP2- | C_090518A | | 05/18 | 8/09 16:2 |
| Aluminum | | 2.14 | mg/L | 0.10 | 101 | 70 | 130 | | | |
| Boron | | 2.17 | mg/L | 0.10 | 106 | 70 | 130 | | | |
| Calcium | | 200 | mg/L | 1.0 | 103 | 70 | 130 | | | |
| Iron | | 2.04 | mg/L | 0.030 | 100 | 70 | 130 | | | |
| Magnesium | | 105 | mg/L | 1.0 | 101 | 70 | 130 | | | |
| Manganese | | 2.02 | mg/L | 0.010 | 99 | 70 | 130 | | | |
| Potassium | | 103 | mg/L | 1.0 | 93 | 70 | 130 | | | |
| Silicon | | 8.32 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | | 131 | mg/L | 1.0 | 98 | 70 | 130 | | | Α. |
| | C09050081-001BMSD2 | Sample Matrix | Spike Duplicate | | | Run: ICP2- | C_090518A | | 05/18 | 8/09 16:2 |
| Aluminum | | 2.11 | mg/L | 0.10 | 99 | 70 | 130 | 1.2 | 20 | |
| Boron | | 2.19 | mg/L | 0.10 | 107 | 70 | 130 | 0.8 | 20 | |
| Calcium | | 198 | mg/L | 1.0 | 102 | 70 | 130 | 0.8 | 20 | |
| Iron | | 2.04 | mg/L | 0.030 | 100 | 70 | 130 | 0.4 | 20 | |
| Magnesium | | 102 | mg/L | 1.0 | 98 | 70 | 130 | 2.8 | 20 | |
| Manganese | | 2.01 | mg/L | 0.010 | 99 | 70 | 130 | 0.3 | 20 | |
| Potassium | | 104 | mg/L | 1.0 | 94 | 70 | 130 | 0.8 | 20 | |
| Silicon | | 8.24 | mg/L | 0.10 | | 70 | 130 | 0.9 | 20 | Α |
| Sodium | | 131 | mg/L | 1.0 | 98 | 70 | 130 | 0 | 20 | |
| | C09050081-011BMS2 | Sample Matrix | Spike | | | Run: ICP2- | C_090518A | | 05/18 | 8/09 17:2 |
| Aluminum | | 2.07 | mg/L | 0.10 | 102 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

 ${\rm A}$ - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09

Work Order: C09050081

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|----------------------------------|---------------|-------------------|---|------|------------|------------|------------|----------|---|
| Method: E200.7 | | | C. P. S. P. S. S. P. S. | | | | | Batch: | R118327 |
| Sample ID: C09050081-011BMS2 | Sample Matrix | (Spike | | | Run: ICP2- | C_090518A | | 05/18 | 3/09 17:29 |
| Boron | 2.11 | mg/L | 0.10 | 103 | 70 | 130 | | 00, 10 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| Calcium | 175 | mg/L | 1.0 | 102 | 70 | 130 | | | |
| Iron | 2.00 | mg/L | 0.030 | 98 | 70 | 130 | | | |
| Magnesium | 103 | mg/L | 1.0 | 98 | 70 | 130 | | | |
| Manganese | 2.02 | mg/L | 0.010 | 98 | 70 | 130 | | | |
| Potassium | 100 | mg/L | 1.0 | 96 | 70 | 130 | | | |
| Silicon | 8.25 | mg/L | 0.10 | 30 | 70 | 130 | | | |
| Sodium | 128 | mg/L | 1.0 | 97 | 70 | 130 | | | Α |
| | 120 | mgrL | 1.0 | 31 | 70 | 130 | | | |
| Sample ID: C09050081-011BMSD2 | Sample Matrix | s Spike Duplicate | | | Run: ICP2- | C_090518A | | 05/18 | 3/09 17:33 |
| Aluminum | 2.13 | mg/L | 0.10 | 104 | 70 | 130 | 2.5 | 20 | |
| Boron | 2.16 | mg/L | 0.10 | 106 | 70 | 130 | 2.2 | 20 | |
| Calcium | 179 | mg/L | 1.0 | 105 | 70 | 130 | 1.8 | 20 | |
| Iron | 2.03 | mg/L | 0.030 | 99 | 70 | 130 | 1.4 | 20 | |
| Magnesium | 104 | mg/L | 1.0 | 98 | 70 | 130 | 0.6 | 20 | |
| Manganese | 2.03 | mg/L | 0.010 | 99 | 70 | 130 | 0.5 | 20 | |
| Potassium | 100 | mg/L | 1.0 | 96 | 70 | 130 | 0.1 | 20 | |
| Silicon | 8.28 | mg/L | 0.10 | | 70 | 130 | 0.5 | 20 | Α |
| Sodium | 130 | mg/L | 1.0 | 99 | 70 | 130 | 1.3 | 20 | 73 |
| Carralla ID. Concensed and Dates | | 6. " | | | _ | | | | |
| Sample ID: C09050081-021BMS2 | Sample Matri | • | | | | C_090518A | | 05/18 | 3/09 19:23 |
| Aluminum | 1.98 | mg/L | 0.10 | 97 | 70 | 130 | | | |
| Boron | 2.14 | mg/L | 0.10 | 105 | 70 | 130 | | | |
| Calcium | 166 | mg/L | 1.0 | 102 | 70 | 130 | | | |
| Iron | 1.98 | mg/L | 0.030 | 97 | 70 | 130 | | | |
| Magnesium | 103 | mg/L | 1.0 | 98 | 70 | 130 | | | |
| Manganese | 2.04 | mg/L | 0.010 | 98 | 70 | 130 | | | |
| Potassium | 101 | mg/L | 1.0 | 96 | 70 | 130 | | | |
| Silicon | 8.92 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | 136 | mg/L | 1.0 | 101 | 70 | 130 | | | |
| Sample ID: C09050081-021BMSD2 | Sample Matri | x Spike Duplicate | 1 | | Run: ICP2 | -C_090518A | | 05/15 | 3/09 19:27 |
| Aluminum | 1.93 | mg/L | 0.10 | 94 | 70 | 130 | 2.8 | 20 | 3/03 13.2/ |
| Boron | 2.21 | mg/L | 0.10 | 108 | 70 | 130 | 3.2 | 20 | |
| Calcium | 165 | mg/L | 1.0 | 101 | 70 | 130 | 0.6 | | |
| Iron | 2.03 | mg/L | 0.030 | 100 | 70 | 130 | | 20 | |
| Magnesium | 101 | mg/L | 1.0 | 96 | 70 70 | 130 | 2.3 | 20 | |
| Manganese | 2.10 | mg/L | 0.010 | 101 | 70 70 | | 1.3 | 20 | |
| Potassium | 102 | mg/L | 1.0 | 96 | 70 70 | 130 | 2.6 | 20 | |
| Silicon | 9.11 | mg/L | 0.10 | 30 | 70 70 | 130 | 0.3 | 20 | ٨ |
| Sodium | 138 | mg/L | 1.0 | 103 | 70 70 | 130 130 | 2.2 1.8 | 20 20 | Α |
| | | | 3 | | | | 1.0 | 20 | |
| Sample ID: C09050081-010DMS2 | Sample Matri | | | | | -C_090518A | | 05/18 | 8/09 21:04 |
| Aluminum | 2.24 | mg/L | 0.16 | 110 | 70 | 130 | | | |
| Boron | 2.20 | mg/L | 0.10 | 105 | 70 | 130 | | | |
| Calcium | 179 | mg/L | 1.0 | 102 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09

Work Order: C09050081

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|---------------------|---------------|-----------------|-------|------|------------|---|------------|----------|---|
| Method: | E200.7 | | | | | | Name of the Assessment of the | | Batch: | R11832 |
| Sample ID: | C09050081-010DMS2 | Sample Matrix | Spike | | | Run: ICP2- | C_090518A | | 05/18 | 3/09 21:04 |
| Iron | | 2.11 | mg/L | 0.067 | 103 | 70 | 130 | | | |
| Magnesium | | 107 | mg/L | 1.0 | 101 | 70 | 130 | | | |
| Manganese | | 2.04 | mg/L | 0.014 | 100 | 70 | 130 | | | |
| Potassium | | 98.5 | mg/L | 1.0 | 95 | 70 | 130 | | | |
| Silicon | | 8.39 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | | 131 | mg/L | 2.2 | 99 | 70 | 130 | | | ,, |
| Sample ID: | C09050081-010DMSD2 | Sample Matrix | Spike Duplicate | | | Run: ICP2- | C_090518A | | 05/18 | 8/09 21:08 |
| Aluminum | | 2.11 | mg/L | 0.16 | 103 | 70 | 130 | 5.9 | 20 | 700 21.00 |
| Boron | | 2.13 | mg/L | 0.10 | 102 | 70 | 130 | 3.2 | 20 | |
| Calcium | | 175 | mg/L | 1.0 | 97 | 70 | 130 | 2.4 | 20 | |
| Iron | | 2.04 | mg/L | 0.067 | 100 | 70 | 130 | 3.1 | 20 | |
| Magnesium | | 105 | mg/L | 1.0 | 99 | 70 | 130 | 1.9 | 20 | |
| Manganese | | 1.97 | mg/L | 0.014 | 97 | 70 | 130 | 3.5 | 20 | |
| Potassium | | 98.9 | mg/L | 1.0 | 95 | 70 | 130 | 0.3 | 20 | |
| Silicon | | 8.10 | mg/L | 0.10 | 33 | 70 | 130 | 3.6 | 20 | ^ |
| Sodium | | 132 | mg/L | 2.2 | 100 | 70 | 130 | 1.1 | 20 | Α |
| Sample ID: | C09050081-020DMS2 | Sample Matrix | c Snike | | | Run: ICD2 | -C_090518A | | 05/10 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| Aluminum | - coolean Carobinoa | 2.24 | mg/L | 0.16 | 110 | 70 | 130 | | U5/18 | 3/09 22:09 |
| Boron | | 2.12 | mg/L | 0.10 | 104 | 70 | 130 | | | |
| Calcium | | 137 | mg/L | 1.0 | 103 | 70 | 130 | | | |
| Iron | | 2.03 | mg/L | 0.067 | 99 | 70 | 130 | | | |
| Magnesium | | 103 | mg/L | 1.0 | 99 | 70 | 130 | | | |
| Manganese | | 2.02 | mg/L | 0.014 | 99 | 70 | 130 | | | |
| Potassium | | 106 | mg/L | 1.0 | 96 | 70 | | | | |
| Silicon | | 8.22 | mg/L | 0.10 | 30 | 70 | 130 | | | |
| Sodium | | 142 | mg/L | 2.2 | 104 | 70 | 130 130 | | | А |
| Sample ID: | C09050081-020DMSD2 | Sample Matri | Spike Duplicate | | | Buni ICDa | C 000548A | | 05/40 | |
| Aluminum | ortoodd, dadbiildga | 2.20 | mg/L | 0.16 | 108 | | C_090518A | 4.0 | | 3/09 22:13 |
| Boron | | 2.18 | mg/L | 0.10 | 107 | 70 70 | 130 | 1.9 | 20 | |
| Calcium | | 136 | mg/L | 1.0 | 107 | 70 | 130 130 | 2.9 | 20 | |
| Iron | | 2.01 | mg/L | 0.067 | 98 | 70 | | 0.9 | 20 | |
| Magnesium | | 103 | mg/L | 1.0 | 99 | 70 | 130 | 1.1 | 20 | |
| Manganese | | 1.99 | mg/L | 0.014 | 98 | | 130 130 | 0.2 | 20 | |
| Potassium | | 107 | mg/L | 1.0 | 97 | 70 | 130 | 1.2 | 20 | |
| Silicon | | 8.21 | mg/L | 0.10 | 31 | 70 | 130 | 0.8 | 20 | |
| Sodium | | 141 | mg/L | 2.2 | 104 | | 130 | 0.1 0.4 | 20 20 | Α |
| Sample ID: | C09050100-001BMS2 | Sample Matri | k Spike | | | Run: ICP2 | -C_090518A | | | 3/09 22:4: |
| Aluminum | | 2.1 | mg/L | 0.10 | 103 | 70 | 130 | | 00/18 | 22,45 EUI |
| Boron | | 2.3 | mg/L | 0.10 | 104 | 70 | 130 | | | |
| Calcium | | 320 | mg/L | 0.51 | 101 | 70 | 130 | | | |
| Iron | | 2.0 | mg/L | 0.030 | 97 | 70 | 130 | | | |
| Magnesium | | 150 | mg/L | 0.50 | 101 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------|---------------|---|--|------|------------|------------|-----|----------|----------|
| Method: E200.7 | | CONTRACTOR OF THE PARTY OF THE | COMMON TO STATE OF THE STATE OF | | | | | Batch: | R11832 |
| Sample ID: C09050100-001BMS2 | Sample Matrix | c Spike | | | Run: ICP2- | -C 090518A | | 05/18 | /09 22:4 |
| Manganese | 2.0 | mg/L | 0.010 | 96 | 70 | 130 | | | |
| Potassium | 100 | mg/L | 0.50 | 93 | . 70 | 130 | | | |
| Silicon | 13 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | 130 | mg/L | 0.50 | 100 | 70 | 130 | | | |
| Sample ID: C09050100-001BMSD2 | Sample Matrix | Spike Duplicate | | | Run: ICP2- | -C_090518A | | 05/18 | /09 22:5 |
| Aluminum | 2.1 | mg/L | 0.10 | 103 | 70 | 130 | 0.6 | 20 | |
| Boron | 2.3 | mg/L | 0.10 | 105 | 70 | 130 | 0.8 | 20 | |
| Calcium | 330 | mg/L | 0.51 | 105 | 70 | 130 | 1.3 | 20 | |
| Iron | 2.0 | mg/L | 0.030 | 97 | 70 | 130 | 0.9 | 20 | |
| Magnesium | 140 | mg/L | 0.50 | 98 | 70 | 130 | 2.4 | 20 | |
| Manganese | 2.0 | mg/L | 0.010 | 96 | 70 | 130 | 0.3 | 20 | |
| Potassium | 99 | mg/L . | 0.50 | 92 | 70 | 130 | 1.3 | 20 | |
| Silicon | 13 | mg/L | 0.10 | | 70 | 130 | 0.3 | 20 | Α |
| Sodium | 130 | mg/L | 0.50 | 98 | 70 | 130 | 1.1 | 20 | |



UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09

Work Order: C09050081

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|---------------|---------|------|-----------|--|-----|----------|------------------------|
| Method: E200.8 | | | | | | The distance of the second | | Batch: | R11787 |
| Sample ID: LRB | Method Blank | | | | Run: ICPM | S2-C_090506A | | 05/06 | 5/09 12:45 |
| Arsenic | ND | mg/L | 0.0003 | | | | | | |
| Barium | ND | mg/L | 3E-05 | | | | | | |
| Cadmium | ND | mg/L | 6E-05 | | | | | | |
| Chromium | ND | mg/L | 8E-05 | | | | | | |
| Copper | 0.0003 | mg/L | 4E-05 | | | | | | |
| Lead | ND | mg/L | 2E-05 | | | | | | |
| Manganese | ND | mg/L | 5E-05 | | | | | | |
| Mercury | ND | mg/L | 4E-05 | | | | | | |
| Molybdenum | ND | mg/L | 4E-05 | | | | | | |
| Nickel | ND | mg/L | 9E-05 | | | | | | |
| Selenium | ND | mg/L | 0.001 | | | | | | |
| Uranium | ND | mg/L | 8E-06 | | | | | | |
| Vanadium | ND | mg/L | 9E-05 | | | | | | |
| Zinc | 0.004 | mg/L | 6E-05 | | | | | | |
| Sample ID: LFB | Laboratory Fo | rtified Blank | | | Run: ICPM | S2-C_090506A | | 05/06 | 3/09 12:5 ⁻ |
| Arsenic | 0.0501 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Barium | 0.0504 | mg/L | 0.0010 | 101 | 85 | 115 | | | |
| Cadmium | 0.0514 | mg/L | 0.0010 | 103 | 85 | 115 | | | |
| Chromium | 0.0501 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Copper | 0.0505 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Lead | 0.0502 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Manganese | 0.0501 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Mercury | 0.00511 | mg/L | 0.0010 | 102 | 85 | 115 | | | |
| Molybdenum | 0.0508 | mg/L | 0.0010 | 102 | 85 | 115 | | | |
| Nickel | 0.0501 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Selenium | 0.0515 | mg/L | 0.0014 | 103 | 85 | 115 | | | |
| Uranium | 0.0502 | mg/L | 0.00030 | 100 | 85 | 115 | | | |
| Vanadium | 0.0497 | mg/L | 0.0010 | 99 | 85 | 115 | | | |
| Zinc | 0.0518 | mg/L | 0.0010 | 96 | 85 | 115 | | | |
| Sample ID: C09050081-006BMS4 | Sample Matrix | Spike | | | Run: ICPM | S2-C_090506A | | 05/06 | 5/09 17:51 |
| Arsenic | 0.0522 | mg/L | 0.0010 | 102 | 70 | 130 | | | |
| Barium | 0.0735 | mg/L | 0.0010 | 99 | 70 | 130 | | | |
| Cadmium | 0.0499 | mg/L | 0.010 | 100 | 70 | 130 | | | |
| Chromium | 0.0490 | mg/L | 0.040 | 97 | 70 | 130 | | | |
| Copper | 0.0482 | mg/L | 0.010 | 95 | 70 | 130 | | | |
| Lead | 0.0498 | mg/L | 0.040 | 99 | 70 | 130 | | | |
| Manganese | 0.0670 | mg/L | 0.010 | 97 | 70 | 130 | | | |
| Mercury | 0.00506 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Molybdenum | 0.0497 | mg/L | 0.040 | 99 | 70 | 130 | | | |
| Nickel | 0.0491 | mg/L | 0.040 | 95 | 70 | 130 | | | |
| Selenium | 0.0519 | mg/L | 0.0010 | 104 | 70 | 130 | | | |
| Uranium | 0.110 | mg/L | 0.00030 | 102 | 70 | 130 | | | |
| Vanadium | 0.0496 | mg/L | 0.0010 | 99 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09 Work Order: C09050081

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|--------------------|-----------------|---|--|---|-----------|--|------------|----------|---|
| Method: I | E200.8 | | - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | AND THE PROPERTY OF THE PROPER | N. S. | | A CONTRACTOR OF THE CONTRACTOR | OMER MONTH | Batch: | R11787 |
| Sample ID: | C09050081-006BMS4 | Sample Matrix | Spike | | | Run: ICPM | S2-C_090506A | | 05/06 | 5/09 17:57 |
| Zinc | | 0.0552 | mg/L | 0.010 | 97 | 70 | 130 | | 03/00 | 10.51 |
| Sample ID: | C09050081-006BMSD4 | Sample Matrix | Spike Dupl | icate | | Run: ICPM | S2-C_090506A | | 05/06 | 6/09 18:0: |
| Arsenic | | 0.0536 | mg/L | 0.0010 | 105 | 70 | 130 | 2.8 | 20 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| Barium | | 0.0750 | mg/L | 0.0010 | 102 | 70 | 130 | 2.1 | 20 | |
| Cadmium | | 0.0510 | mg/L | 0.010 | 102 | 70 | 130 | 2.1 | 20 | |
| Chromium | | 0.0504 | mg/L | 0.040 | 100 | 70 | 130 | 2.7 | 20 | |
| Copper | | 0.0490 | mg/L | 0.010 | 97 | 70 | 130 | 1.6 | 20 | |
| Lead | | 0.0511 | mg/L | 0.040 | 102 | 70 | 130 | 2.7 | 20 | |
| Manganese | | 0.0688 | mg/L | 0.010 | 101 | 70 | 130 | 2.6 | 20 | |
| Mercury | | 0.00531 | mg/L | 0.0010 | 106 | 70 | 130 | 4.7 | 20 | |
| Molybdenum | | 0.0510 | mg/L | 0.040 | 101 | 70 | 130 | 2.7 | 20 | |
| Nickel | | 0.0503 | mg/L | 0.040 | 98 | 70 | 130 | 2.7 | | |
| Selenium | | 0.0534 | mg/L | 0.0010 | 107 | 70 | 130 | | 20 | |
| Uranium | | 0.112 | mg/L | 0.00030 | 106 | 70 | | 2.8 | 20 | |
| Vanadium | | 0.0507 | mg/L | 0.00030 | 101 | 70 70 | 130 130 | 2.1 | 20 | |
| Zinc | | 0.0560 | mg/L | 0.010 | 98 | 70 70 | 130 | 2.2 1.4 | 20 20 | |
| Sample ID: | C09050081-017BMS4 | Sample Matrix | r Snike | | | Dun ICDM | C2 C 00050C4 | * | | · /00 00 0 |
| Arsenic | | 0.0561 | mg/L | 0.0010 | 103 | | S2-C_090506A | | 05/06 | 6/09 20:20 |
| Barium | | 0.0626 | mg/L | 0.0010 | 103 | 70 70 | 130 | | | |
| Cadmium | | 0.0520 | mg/L | 0.0010 | | 70 70 | 130 | | | |
| Chromium | | 0.0312 | mg/L | 0.010 | 102 | 70 | 130 | | | |
| Copper | | 0.0487 | _ | | 97 | 70 | 130 | | | |
| Lead | | 0.0503 | mg/L | 0.010 | 96 | 70 | 130 | | | |
| Manganese | | 0.0503 | mg/L | 0.0010 | 100 | 70 | 130 | | | |
| Mercury | | 0.0520 | mg/L | 0.010 | 98 | 70 | 130 | | | |
| Molybdenum | | 0.00527 | mg/L | 0.0010 | 105 | 70 | 130 | | | |
| Nickel | | 0.0314 | mg/L | 0.0010 | 99 | 70 | 130 | | | |
| Selenium | | 0.0495 | mg/L | 0.0010 | 98 | 70 | 130 | | | |
| Uranium | | | mg/L | 0.0010 | 106 | 70 | 130 | | | |
| Vanadium | | 0.252 0.0512 | mg/L | 0.00030 | 110 | 70 | 130 | | | |
| Zinc | | 0.0512 | mg/L mg/L | 0.0010 0.010 | 100 99 | 70 70 | 130 130 | | | |
| Sample ID: | C09050081-017BMSD4 | Sample Matrix | | | | | | | 05/04 | |
| Arsenic | | 0.0555 | mg/L | 0.0010 | 102 | | S2-C_090506A | , | | 5/09 20:3 |
| Barium | | 0.0555 | mg/L | 0.0010 | 98 | 70 70 | 130 | 1 | 20 | |
| Cadmium | | 0.0505 | mg/L | 0.0010 | | 70 70 | 130 | 2.6 | 20 | |
| Chromium | | 0.0303 | mg/L | 0.010 | 101 98 | 70 70 | 130 | 1.4 | 20 | |
| Copper | | 0.0490 | mg/L | 0.0010 | | 70 70 | 130 | 0.5 | 20 | |
| Lead | | 0.0499 | | 0.010 | 96 | 70 70 | 130 | 0.4 | 20 | |
| Manganese | | 0.0499 | mg/L mg/l | | 100 | 70 70 | 130 | 0.7 | 20 | |
| Mercury | | 0.0522 | mg/L | 0.010 | 98 | 70 | 130 | 0.2 | 20 | |
| Molybdenum | | | mg/L | 0.0010 | 105 | 70 | 130 | 0.6 | 20 | |
| Nickel | | 0.0515 | mg/L | 0.0010 | 99 | 70 | 130 | 0.2 | 20 | |
| INICKEI | | 0.0483 | mg/L | 0.0010 | 95 | 70 | 130 | 2.5 | 20 | |

Qualifiers:

RL - Analyte reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------|---------------------------|--|--------------|---------|------|-------------|--------------|------------|----------|------------|
| Method: E2 | 200.8 | The state of the s | | | | | | | Batch: | R11787 |
| Sample ID: C | 09050081-017BMSD4 | Sample Matrix | Spike Dupli | cate | | Run: ICPM | S2-C_090506A | | 05/06 | 5/09 20:33 |
| Selenium | | 0.0617 | mg/L | 0.0010 | 103 | 70 | 130 | 2.2 | 20 | 700 20.00 |
| Uranium | | 0.246 | mg/L | 0.00030 | 99 | 70 | 130 | 2.3 | 20 | |
| Vanadium | | 0.0508 | mg/L | 0.0010 | 99 | 70 | 130 | 0.6 | 20 | |
| Zinc | | 0.0540 | mg/L | 0.010 | 102 | 70 | 130 | 2 | 20 | |
| Sample ID: C | 09050081-022B M S4 | Sample Matrix | Spike | | | Run: ICPM | S2-C_090506A | | 05/06 | 6/09 21:47 |
| Arsenic | | 0.0522 | mg/L | 0.0010 | 104 | 70 | 130 | | 00/00 | 0.00 21.41 |
| Barium | | 0.0509 | mg/L | 0.10 | 101 | 70 | 130 | | | |
| Cadmium | | 0.0516 | mg/L | 0.010 | 103 | 70 | 130 | | | |
| Chromium | • | 0.0512 | mg/L | 0.050 | 102 | 70 | 130 | | | |
| Copper | | 0.0508 | mg/L | 0.010 | 98 | . 70 | 130 | | | |
| Lead | | 0.0509 | mg/L | 0.050 | 102 | 70 | 130 | | | |
| Manganese | | 0.0526 | mg/L | 0.010 | 105 | 70 | 130 | | | |
| Mercury | | 0.00526 | mg/L | 0.0010 | 105 | 70 | 130 | | | |
| Molybdenum | | 0.0496 | mg/L | 0.10 | 98 | 70 | 130 | | | |
| Nickel | | 0.0498 | mg/L | 0.050 | 100 | 70 | 130 | | | |
| Selenium | | 0.0542 | mg/L | 0.0010 | 108 | 70 | 130 | | | |
| Uranium | | 0.0505 | mg/L | 0.00030 | 100 | 70 | 130 | | | |
| Vanadium | | 0.0506 | mg/L | 0.10 | 101 | 70 | 130 | | | |
| Zinc | | 0.0558 | mg/L | 0.010 | 75 | 70 | 130 | | | |
| Sample ID: C | 09050081-022BMSD4 | Sample Matrix | Spike Dupli | cate | | Run: ICPM | S2-C_090506A | | 05/06 | S/09 21:54 |
| Arsenic | | 0.0532 | mg/L | 0.0010 | 106 | 70 | 130 | 1.9 | 20 | 1100 21.00 |
| Barium | | 0.0523 | mg/L | 0.0010 | 104 | 70 | 130 | 2.6 | 20 | |
| Cadmium | | 0.0521 | mg/L | 0.010 | 104 | 70 | 130 | 1 | 20 | |
| Chromium | | 0.0515 | mg/L | 0.050 | 103 | 70 | 130 | 0.6 | 20 | |
| Copper | | 0.0516 | mg/L | 0.010 | 99 | 70 | 130 | 1.6 | 20 | |
| Lead | | 0.0509 | mg/L | 0.050 | 102 | 70 | 130 | 0 | 20 | |
| Manganese | | 0.0528 | mg/L | 0.010 | 105 | 70 | 130 | 0.2 | 20 | |
| Mercury | | 0.00528 | mg/L | 0.0010 | 106 | 70 | 130 | 0.4 | 20 | |
| Molybdenum | | 0.0510 | mg/L | 0.0010 | 101 | 70 | 130 | 2.7 | | |
| Nickel | | 0.0511 | mg/L | 0.0010 | 102 | 70 | 130 | | 20 | |
| Selenium | | 0.0554 | mg/L | 0.0010 | 111 | 70 | 130 | 2.5 2.3 | 20 | |
| Uranium | | 0.0510 | mg/L | 0.00030 | 101 | 70 | | | 20 | |
| Vanadium | | 0.0509 | mg/L | 0.00030 | 101 | 70 70 | 130 | 1 | 20 | |
| Zinc | | 0.0574 | mg/L | 0.010 | 78 | 70 | 130 130 | 0.5 2.9 | 20 20 | , |
| Sample ID: C | 09040950-001BMS | Sample Matrix | (Spike | | | Run: ICPM | S2-C_090506A | | | 7/00 01:44 |
| Uranium | | 0.0505 | mg/L | 0.0010 | 101 | 70 | 130 | | 05/07 | 7/09 01:11 |
| _ | .000400E0 004BM6D | Comple Metris | Spike Dupli | ooto | | Duni IODM | | | | |
| Sample ID: C | 03040330-00101013D | Sample Mail b | Cabive Danii | cate | | Run: ICPIVI | S2-C_090506A | | 05/07 | 7/09 01:18 |



UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09 Work Order: C09050081

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|-------------------|---------------|--|------|------|------------|------------|-----|----------|--|
| Method: | E300.0 | | A CONTRACTOR OF THE PROPERTY O | | | | | | Batch | R118146 |
| Sample ID: | LCS | Laboratory Co | ontrol Sample | | | Run: IC1-C | _090512A | | 05/12 | 2/09 19:16 |
| Chloride | | 9.78 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Sulfate | | 38.9 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sample ID: | MBLK | Method Blank | | | | Run: IC1-C | _090512A | | 05/12 | 2/09 19:32 |
| Chloride | | ND | mg/L | 0.04 | | | _ | | | -, -, -, -, -, -, -, -, -, -, -, -, -, - |
| Sulfate | | ND | mg/L | 0.1 | | | | | | |
| | C09050081-003AMS | Sample Matrix | x Spike | | | Run: IC1-C | 090512A | | 05/13 | 3/09 01:11 |
| Chloride | | 27.7 | mg/L | 1.0 | 105 | 90 | 110 | | | |
| Sulfate | | 367 | mg/L | 1.0 | 90 | 90 | 110 | | | |
| Sample ID: | C09050081-003AMSD | Sample Matrix | x Spike Duplicate | | | Run: IC1-C | 090512A | | 05/13 | 3/09 01:26 |
| Chloride | | 27.9 | mg/L | 1.0 | 106 | 90 | _ 110 | 0.6 | 20 | |
| Sulfate | | 367 | mg/L | 1.0 | 90 | 90 | 110 | 0.1 | 20 | |
| Sample ID: | C09050081-013AMS | Sample Matrix | x Spike | | | Run: IC1-C | 090512A | | 05/13 | 3/09 05:02 |
| Chloride | | 25.4 | mg/L | 1.0 | 103 | 90 | _ 110 | | | |
| Sulfate | | 229 | mg/L | 1.0 | 99 | 90 | 110 | | | |
| • | C09050081-013AMSD | Sample Matrix | x Spike Duplicate | | | Run: IC1-C | _090512A | | 05/13 | 3/09 05:17 |
| Chloride | | 25.7 | mg/L | 1.0 | 104 | 90 | 110 | 1 | 20 | |
| Sulfate | | 230 | mg/L | 1.0 | 99 | 90 | 110 | 0.3 | 20 | |
| Sample ID: | C09050081-021AMS | Sample Matrix | k Spike | | | Run: IC1-C | 090512A | | 05/13 | 3/09 08:07 |
| Chloride | | 24.8 | mg/L | 1.0 | 103 | 90 | 110 | | | |
| Sulfate | | 210 | mg/L | 1.0 | 102 | 90 | 110 | | | |
| | C09050081-021AMSD | Sample Matrix | x Spike Duplicate | | | Run: IC1-C | _090512A | | 05/13 | 3/09 08:22 |
| Chloride | | 25.1 | mg/L | 1.0 | 104 | 90 | _ 110 | 1.3 | 20 | |
| Sulfate | | 210 | mg/L | 1.0 | 103 | 90 | 110 | 0.5 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---------------|------------------|---------------|--|-------|---|--|------------|--|-----------|------------|
| Method: E3 | 300.0 | | THE RESIDENCE AND ADDRESS OF THE PARTY OF TH | | *************************************** | All Control of the Section Control of the Control o | | NAME OF THE OWNER OWNER OF THE OWNER O | Batch: | R118395 |
| Sample ID: L | .cs | Laboratory Co | ntrol Sample | | | Run: IC1-C | 090518A | | 05/18 | /09 12:30 |
| Chloride | | 9.75 | mg/L | 1.0 | 98 | 90 | 110 | | 00/10 | 700 12.00 |
| Sulfate | | 38.9 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sample ID: N | MBLK | Method Blank | | | | Run: IC1-C | : 090518A | | 05/18 | /09 12:45 |
| Chloride | | ND | mg/L | 0.04 | | | | | 50,10 | , 50 . 2 0 |
| Sulfate | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: C | 09050081-002AMS | Sample Matrix | Spike | | | Run: IC1-C | _090518A | | 05/18 | /09 13:47 |
| Chloride | | 25.1 | mg/L | 1.0 | 102 | 90 | 110 | | | |
| Sulfate | | 324 | mg/L | 1.0 | 90 | 90 | 110 | | | |
| Sample ID: C | 09050081-002AMSD | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090518A | | 05/18 | /09 14:02 |
| Chloride | | 25.8 | mg/L | 1.0 | 106 | 90 | 110 | 2.7 | 20 | |
| Sulfate | | 322 | mg/L | 1.0 | 87 | 90 | 110 | 0.7 | 20 | S |
| Sample ID: C | 09050081-015AMS | Sample Matrix | Spike | | | Run: IC1-C | _090518A | | 05/18 | /09 17:23 |
| Chloride | | 27.7 | mg/L | 1.0 | 106 | 90 | 110 | | | |
| Sulfate | | 219 | mg/L | 1.0 | 100 | 90 | 110 | | | |
| • | 09050081-015AMSD | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090518A | | 05/18 | /09 17:38 |
| Chloride | | 27.9 | mg/L | 1.0 | 107 | 90 | 110 | 0.7 | 20 | |
| Sulfate | | 220 | mg/L | 1.0 | 101 | 90 | 110 | 0.2 | 20 | |
| Method: E3 | 350.1 | | | | | | 1/41 | 1.712.17.1 | Batch: B_ | R129050 |
| Sample ID: N | MBLK | Method Blank | | | | Run: SUB- | B129050 | | 05/07 | /09 10:19 |
| Nitrogen, Amm | nonia as N | ND | mg/L | 0.02 | | | 2120000 | | 03/07 | 703 10.13 |
| Sample ID: L | _FB | Laboratory Fo | rtified Blank | | | Run: SUB- | B129050 | | 05/07 | /09 10:20 |
| Nitrogen, Amm | nonia as N | 1.00 | mg/L | 0.10 | 102 | 90 | 110 | | 30/01 | .00 10.20 |
| | C09050081-001E | Sample Matrix | Spike | | | Run: SUB- | B129050 | | 05/07 | /09 10:26 |
| Nitrogen, Amm | nonia as N | 0.930 | mg/L | 0.050 | 81 | 90 | 110 | | | S |
| • | C09050081-001E | Sample Matrix | Spike Duplicate | | | Run: SUB- | B129050 | | 05/07 | 709 10:27 |
| Nitrogen, Amm | nonia as N | 0.926 | mg/L | 0.050 | 81 | 90 | 110 | 0.4 | 10 | S |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------------------------|----------------|-----------------|-------|------|-----------|-----------------------------------|---|----------|-----------------|
| Method: E353.2 | | | | | | Marian and the page of the second | *************************************** | Batch: B | _R12905 |
| Sample ID: MBLK | Method Blank | | | | Run: SUB- | 3129051 | | 05/07 | 7/09 10:24 |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | 0.002 | | | | | 30,07 | 700 70.2 |
| Sample ID: LFB | Laboratory For | tified Blank | | | Run: SUB- | 3129051 | | 05/07 | 7/09 10:25 |
| Nitrogen, Nitrate+Nitrite as N | 1.00 | mg/L | 0.050 | 102 | 90 | 110 | | | |
| Sample ID: B09050427-006AMS | Sample Matrix | Spike | | | Run: SUB- | B129051 | | 05/07 | 7/09 11:08 |
| Nitrogen, Nitrate+Nitrite as N | 1.10 | mg/L | 0.050 | 105 | 90 | 110 | | | |
| Sample ID: B09050427-006AMSD | Sample Matrix | Spike Duplicate | | | Run: SUB- | 3129051 | | 05/07 | 7/09 11:06 |
| Nitrogen, Nitrate+Nitrite as N | 1.14 | mg/L | 0.050 | 109 | 90 | 110 | 3.6 | 10 | |
| Sample ID: C09050081-016E | Sample Matrix | Spike | | | Run: SUB- | 3129051 | | 05/07 | 7/09 12:37 |
| Nitrogen, Nitrate+Nitrite as N | 1.01 | mg/L | 0.050 | 103 | 90 | 110 | | | |
| Sample ID: C09050081-016E | Sample Matrix | Spike Duplicate | | | Run: SUB- | B129051 | | 05/07 | · 7/09 12:39 |
| Nitrogen, Nitrate+Nitrite as N | 1.04 | mg/L | 0.050 | 106 | 90 | 110 | 2.6 | 10 | |
| Sample ID: C09050081-022E | Sample Matrix | Spike | | | Run: SUB- | 3129051 | | 05/07 | 7/09 12:54 |
| Nitrogen, Nitrate+Nitrite as N | 1.06 | mg/L | 0.050 | 107 | 90 | 110 | | | |
| Sample ID: C09050081-022E | Sample Matrix | Spike Duplicate | | | Run: SUB- | 3129051 | | 05/07 | 7/09 12:55 |
| Nitrogen, Nitrate+Nitrite as N | 1.02 | mg/L | 0.050 | 103 | 90 | 110 | 3.8 | 10 | |
| Method: E900.0 | | | | | | | | Batch: G | rAB-0658 |
| Sample ID: MB-GrAB-0658 | Method Blank | | | | Run: G500 | DW_090526A | | 05/29 | 9/09 22:54 |
| Gross Alpha | -0.6 | pCi/L | | | | | | | U |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | | | | | |
| Gross Alpha MDC | 0.7 | pCi/L | | | | | | | |
| Gross Beta | -2 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | 2 | pCi/L | | | | | | | |
| Gross Beta MDC | 2 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0658 | Laboratory Cor | • | | | Run: G500 | DW_090526A | | 05/29 | 9/09 22:54 |
| Gross Alpha | 130 | pCi/L | | 98 | 70 | 130 | | | |
| Sample ID: C09050081-017CMS | Sample Matrix | | | | Run: G500 | OW_090526A | | 05/30 |)/09 11:18 |
| Gross Alpha | 347 | pCi/L | | 86 | 70 | 130 | | | |
| Sample ID: C09050081-017CMSD | | Spike Duplicate | | | Run: G500 | 0W_090526A | | 05/30 | 0/09 11:18 |
| Gross Alpha | 326 | pCi/L | | 71 | 70 | 130 | 6.1 | 14.9 | |
| Sample ID: C09050081-017CMS | Sample Matrix | | | | Run: G500 | OW_090526A | | 05/30 | 0/09 11:18 |
| Gross Beta | 160 | pCi/L | | 99 | 70 | 130 | | | |
| Sample ID: C09050081-017CMSD | | Spike Duplicate | | | Run: G500 | 0W_090526A | | 05/30 |)/09 11:18 |
| Gross Beta | 162 | pCi/L | | 101 | 70 | 130 | 1.1 | 14.4 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09

| Analyte | Result | Units | RL % | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|-----------------|------|------|---|------------|-----|----------|---------------------------------------|
| Method: E900.0 | | | | 41 | *************************************** | | | Batch: G | rAB-0659 |
| Sample ID: MB-GrAB-0659 | Method Blank | | | | Run: G500 | 0W 090527A | | 05/31 | /09 22:00 |
| Gross Alpha | -0.04 | pCi/L | | | | _ | | | U |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | | | | | • |
| Gross Alpha MDC | 0.6 | pCi/L | | | | | | | |
| Gross Beta | -0.4 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | 1 | pCi/L | | | | | | | J |
| Gross Beta MDC | 1 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0659 | Laboratory Co | ntrol Sample | | | Run: G500 | 0W_090527A | | 05/31 | /09 22:00 |
| Gross Alpha | 140 | pCi/L | | 104 | 70 | 130 | | 03/31 | 703 22.00 |
| Sample ID: C09050081-020CMS | Sample Matrix | Spike | | | Run: G500 | 0W_090527A | | 05/31 | /09 22:00 |
| Gross Alpha | 197 | pCi/L | | 109 | 70 | 130 | | 00.01 | 700 22.00 |
| Sample ID: C09050081-020CMSD | Sample Matrix | Spike Duplicate | | | Run: G500 | 0W_090527A | | 05/31 | /09 22:00 |
| Gross Alpha | 180 | pCi/L | | 97 | 70 | 130 | 8.7 | 16.3 | 700 22.00 |
| Sample ID: C09050081-020CMS | Sample Matrix | Spike | | | Run: G500 | 0W 090527A | | 05/31 | /09 22:00 |
| Gross Beta | 114 | pCi/L | | 99 | 70 | 130 | | 20.0 | .00 22.00 |
| Sample ID: C09050081-020CMSD | Sample Matrix | Spike Duplicate | | | Run: G500 | 0W_090527A | | 05/31 | /09 22:00 |
| Gross Beta | 111 | pCi/L | | 96 | 70 | 130 | 2.8 | 15.3 | |
| Sample ID: C09050144-013DDUP | Sample Duplic | ate | | | Run: G500 | 0W_090527A | | 06/01 | /09 22:25 |
| Gross Alpha | 697 | pCi/L | | | | | 9.4 | 13.3 | · · · · · · · · · · · · · · · · · · · |
| Gross Alpha precision (±) | 11.3 | pCi/L | | | | | | | |
| Gross Alpha MDC | 1.59 | pCi/L | | | | | | | |
| Gross Beta | 285 | pCi/L | | | | | 5.1 | 13.1 | |
| Gross Beta precision (±) | 4.34 | pCi/L | | | | | 0.1 | 10.1 | |
| Gross Beta MDC | 2.58 | pCi/L | | | | | | | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09 Work Order: C09050081

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|--|------------------------|-------------|--|-----------|-----------------|------------|---------------|------------|
| Method: E900.0 | THE RESERVE OF THE PROPERTY OF | | | The state of the s | | | | Batch: 0 | GrAB-0675 |
| Sample ID: MB-GrAB-0675 | Method Blank | | | | Run: G500 | 0W_090616D | | 06/1 | 9/09 21:10 |
| Gross Alpha | -0.8 | pCi/L | | | | | | 00/1. | U U |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | | | | | Ü |
| Gross Alpha MDC | 0.7 | pCi/L | | | | | | | |
| Gross Beta | -0.4 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | 1 | pCi/L | | | | | | | J |
| Gross Beta MDC | 1 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0675 | Laboratory Co | ontrol Sample | | | Run: G500 | 00W_090616D | | 06/1 | 9/09 21:10 |
| Gross Alpha | 140 | pCi/L | | 100 | 70 | 130 | | | 20 |
| Sample ID: C09050548-002DDUP | Sample Duplic | cate | | | Run: G500 | 00W_090616D | | 06/1 | 9/09 21:10 |
| Gross Alpha | 64.6 | pCi/L | | | | | 16 | 24.3 | |
| Gross Alpha precision (±) | 4.48 | pCi/L | | | | | | | |
| Gross Alpha MDC | 2.57 | pCi/L | | | | | | | |
| Gross Beta | 21.9 | pCi/L | | | | | 8.6 | 28.5 | |
| Gross Beta precision (±) | 2.11 | pCi/L | | | | | | | |
| Gross Beta MDC | 2.92 | pCi/L | | | | | | | |
| Sample ID: C09050548-008DMS | Sample Matrix | c Spike | | | Run: G500 | 0W_090616D | | 06/20 | 0/09 09:25 |
| Gross Beta | 114 | pCi/L | | 104 | 70 | 130 | | | |
| Sample ID: C09050548-008DMSD | Sample Matrix | Spike Duplicate | | | Run: G500 | 0W_090616D | | 06/20 | 0/09 09:25 |
| Gross Beta | 116 | pCi/L | | 106 | 70 | 130 | 1.4 | 15.2 | |
| Method: E903.0 | | | | | 7000 | | | Batch: RA | 1226-3646 |
| Sample ID: C09050081-001CMS | Sample Matrix | (Spike | | | Run: BFR | THOLD 770-1_0 | 190506B | 05/19 | 9/09 10:50 |
| Radium 226 | 200 | pCi/L | | 161 | 70 | 130 | ,000000 | 03/1. | S S |
| - Sample response is much larger than spik meets acceptance criteria; this batch is appr | e amount, therefore | small variances in the | ne sample : | | | covery. The LCS | and the RF | D of the MS/N | /ISD pair |
| Sample ID: C09050081-001CMSD | Sample Matrix | Spike Duplicate | | | Run: BER | ΓHOLD 770-1_0 | 90506B | 05/1 | 9/09 10:50 |
| Radium 226 | 190 | pCi/L | | 82 | 70 | 130 | 6.4 | 14.2 | 700 10.00 |
| | | • | | | | 100 | 0.4 | 14.2 | |
| Sample ID: MB-RA226-3646 | Method Blank | | | | Run: BER | THOLD 770-1_0 | 90506B | 05/1 | 9/09 14:05 |
| Radium 226 | -0.1 | pCi/L | | | | _ | | | U |
| Radium 226 precision (±) | 0.08 | pCi/L | | | | | | | |
| Radium 226 MDC | 0.2 | pCi/L | | | | | | | |
| Sample ID: LCS-RA226-3646 | Laboratory Co | introl Sample | | | Run: BER | THOLD 770-1_0 | 190506P | 05/41 | 9/09 14:05 |
| Radium 226 | 8.0 | pCi/L | | 103 | 70 | 130 | | 05/1 | 5/US 14:US |
| | | • | | 100 | , 0 | 130 | | | |

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09
Work Order: C09050081

| Analyte | Result | Units | RL | %REC | Low Limit | High Li | mit RF | PD | RPDLimit | Qual |
|-------------------------------|---------------|-----------------|----|------|--|----------|-------------|-----|-----------|----------------|
| Method: E903.0 | | | | | TOTAL N. 175 - The Control of the Co | | | | Batch: RA | 226-3647 |
| Sample ID: C09050081-011CMS | Sample Matrix | c Spike | | | Run: RERT | -HOLD 77 | '0-1_090506 | sD. | | /09 16:13 |
| Radium 226 | 54 | pCi/L | | 88 | 70 | | 30 | 30 | 05/20 | 709 TO. 13 |
| Sample ID: C09050081-011CMSD | Sample Matrix | Spike Duplicate | | | Run: REDT | HOLD 77 | '0-1_090506 | 2D | 05/06 | 100 40.40 |
| Radium 226 | 57 | pCi/L | | 104 | 70 | | | .5 | 16.8 | /09 16:13 |
| Sample ID: MB-RA226-3647 | Method Blank | | | | Run: BERT | HOLD 77 | '0-1_090506 | 3D | 05/26 | /09 17:56 |
| Radium 226 | -0.1 | pCi/L | | | | | | | 30,20 | U |
| Radium 226 precision (±) | 0.06 | pCi/L | | | | | | | | |
| Radium 226 MDC | 0.1 | pCi/L | | | | | | | | |
| Sample ID: LCS-RA226-3647 | Laboratory Co | entrol Sample | | | Run: BERT | HOLD 77 | 0-1_090506 | 3D | 05/26 | /09 17:56 |
| Radium 226 | 7.2 | pCi/L | | 93 | 70 | | 30 | | | |
| Method: E903.0 | | | | | | | | | Batch: RA | 226-3650 |
| Sample ID: C09050081-021CMS | Sample Matrix | Spike | | | Run: BERT | HOLD 77 | 0-1_090508 | ВА | 05/27 | 7/09 10:55 |
| Radium 226 | 16 | pCi/L | | 98 | 70 | | 30 | | | |
| Sample ID: C09050081-021CMSD | Sample Matrix | Spike Duplicate | | | Run: BERT | HOLD 77 | 0-1_090508 | ВА | 05/27 | 7/09 10:55 |
| Radium 226 | 15 | pCi/L | | 87 | 70 | | | 11 | 23.6 | |
| Sample ID: MB-RA226-3650 | Method Blank | | | | Run: BERT | HOLD 77 | 0-1_090508 | ЗА | 05/27 | /09 12:31 |
| Radium 226 | -0.1 | pCi/L | | | | | | | | U |
| Radium 226 precision (±) | 0.06 | pCi/L | | | | | | | | |
| Radium 226 MDC | 0.2 | pCi/L | | | | | | | | |
| Sample ID: LCS-RA226-3650 | Laboratory Co | ntrol Sample | | | Run: BERT | HOLD 77 | 0-1_090508 | зА | 05/27 | /09 12:31 |
| Radium 226 | 8.4 | pCi/L | | 108 | 70 | | 30 | | | |
| Method: RA-05 | | | | | | | | | Batch: RA | 228-2651 |
| Sample ID: LCS-228-RA226-3646 | Laboratory Co | ntrol Sample | | | Run: TENN | IELEC-3 | 090506A | | 05/14 | /09 17:25 |
| Radium 228 | 6.86 | pCi/L | | 85 | 70 | | 30 | | | |
| Sample ID: MB-RA226-3646 | Method Blank | | | | Run: TENN | IELEC-3 | 090506A | | 05/14 | /09 17:25 |
| Radium 228 | -0.6 | pCi/L | | | | | | | 00/14 | 703 (7.23 U |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | | | | | - |
| Radium 228 MDC | 1 | pCi/L | | | | | | | | |
| Sample ID: C09050081-002CMS | Sample Matrix | Spike | | | Run: TENN | IELEC-3 | 090506A | | 05/14 | /09 17:25 |
| Radium 228 | 18.5 | pCi/L | | 94 | 70 | | 30 | | 55,14 | . 30 11,20 |
| Sample ID: C09050081-002CMSD | Sample Matrix | Spike Duplicate | | | Run: TENN | IELEC-3 | 090506A | | 05/14 | /09 17:25 |
| Radium 228 | 15.9 | pCi/L | | 81 | 70 | | | 15 | 39.6 | |
| | | | | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration

Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/30/09

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------|---------------|--|----|------|-----------|--------------|--|-----------|------------|
| Method: RA-05 | | Andrew Address Control property and the Address of Addr | | | | | The state of the s | Batch: RA | 228-2652 |
| Sample ID: LCS-228-RA226-3647 | Laboratory Co | ntrol Sample | | | Run: TENN | NELEC-3_090 | 506E | 05/18 | 3/09 12:53 |
| Radium 228 | 6.92 | pCi/L | | 82 | 70 | 130 | J00E | 03/10 | 103 12.33 |
| Sample ID: MB-RA226-3647 | Method Blank | | | | Run: TENN | 1ELEC-3_090 | 506F | 05/18 | 3/09 12:53 |
| Radium 228 | -0.3 | pCi/L | | | | | JUU 2 | 00/10 | U |
| Radium 228 precision (±) | 0.6 | pCi/L | | | | | | | J |
| Radium 228 MDC | 1 | pCi/L | | | | | | | |
| Sample ID: C09050081-012CMS | Sample Matrix | Spike | | | Run: TENN | NELEC-3_090 | 506E | 05/18 | /09 12:53 |
| Radium 228 | 19.8 | pCi/L | | 86 | 70 | _ 130 | | 33. (3 | ,,00 (2.00 |
| Sample ID: C09050081-012CMSD | Sample Matrix | Spike Duplicate | | | Run: TENN | NELEC-3_090 | 506E | 05/18 | /09 12:53 |
| Radium 228 | 18.4 | pCi/L | | 78 | 70 | _ 130 | 7.1 | 31.7 | ,00 (2.00 |
| Method: RA-05 | | | | | | | | Batch: RA | 228-2654 |
| Sample ID: LCS-228-RA226-3650 | Laboratory Co | ntrol Sample | | | Run: TENN | IELEC-3_090 | 5080 | 05/10 | /09 10:50 |
| Radium 228 | 7.09 | pCi/L | | 82 | 70 | 130 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 03/13 | 709 10.30 |
| Sample ID: MB-RA226-3650 | Method Blank | | | | Run: TENN | IELEC-3_0905 | 508C | 05/10 | /09 10:50 |
| Radium 228 | -0.1 | pCi/L | | | | | ,,,,, | 00/10 | U .50 |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | | | | U |
| Radium 228 MDC | 1 | pCi/L | | | | | | | |
| Sample ID: C09050081-022CMS | Sample Matrix | Spike | | | Run: TENN | IELEC-3_0908 | 508C | 05/10 | /09 10:50 |
| Radium 228 | 18.9 | pCi/L | | 110 | 70 | 130 | | 55/15 | 700 10.00 |
| Sample ID: C09050081-022CMSD | Sample Matrix | Spike Duplicate | | | Run: TENN | IELEC-3_0908 | 508C | 05/10 | /09 10:50 |
| Radium 228 | 14.7 | pCi/L | | 86 | 70 | 130 | 25 | 35.3 | 703 10.30 |

| ENERGY |
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| LABORATORIES |

Chain of Custody and Analytical Request Record PLEASE PRINT- Provide as much information as possible.

| Page | 1 | of | 3 |
|------|---|----|---|
| 9 | | | |

| Company Name: | Project Name, PWS, Permit, E | | Sample Origin | EPA/State Compliance:/ |
|--|--|--------------------------------------|--------------------------------------|--------------------------|
| UR-Energy | Lost Creek | | State: | Yes No D |
| Report Mail Address. 5880 Enterprise Wr. Suite 200 | Contact Name: Ph | one/Fax: | Email: | Sampler: (Please Print) |
| Casper UY 82609. | John Lish 307- | 265-2373 John | a management | 4.48 - 4.40 |
| Invoice Address: | Invoice Contact & Phone: | 163-1375 JOHN | Purchase Order: | Quote/Bottle Order: |
| | | | | |
| Special Report/Formats – ELI must be notified | ANALYSI | S REQUESTED | Contact ELI prior RUSH sample su | |
| prior to sample submittal for the following: | s B O B O | | RUSH sample su for charges and | Cooler ID(s): |
| UR Energy Excel Sheet | Number of Containers Sample Type: A W S V B O Air Water Soils/Soilds Vegetation Bioassay Other | SEE ATTACHED Normal Turnaround (TAT) | scheduling – See Instruction Page | NIA |
| ☐ DW ☐ A2LA | Soils | | Comments: | Receipt Jemp |
| GSA EDD/EDT(Electronic Data) | ber of Type Vater Ition E | | | On Ice: |
| POTWWWTP Format: | Imb ple rr W etati | | S | Yes (No) |
| State: LEVEL IV Other: NELAC | Sample Sample Air Vegett | SEE | | Custody Seal YN Bottles/ |
| | 1 32 | N N N | | Coolers |
| SAMPLE IDENTIFICATION Collection Collection | MATRIX S | | | Intact Y N Signature |
| (Name, Location, Interval, etc.) Date Time | | | | Match Y N |
| 1 (4 -) 01 | W 2gds | | | ≥ |
| 2 M-102 #2 | | | | |
| $ ^{3}M \cdot 103 + 3 $ | | | | © Ban |
| 4 M-104 # 4 | | | | |
| 5 M-105 #5 | | | | |
| 6 M-106 #6 | | | | ORY |
| 7 M-107 #7 | | | | 477 |
| 8 M-108 # 8 | | | | |
| ° M-109 #9 | | | | |
| 10 M-110 # 10 | | | | 7/1915m8 |
| Custody Relinquished by (print): Date/Time: | Signature | Received by (print): | ate/Time: | Signature: |
| Record Relinquished by (print): Date/Time: | Signature: | Received by (print): D | ate/Time: | Signature: |
| MUST be | | Received by Laboratory: | ate/Fime: | Signature: |
| Signed Sample Disposal: Return to Client: | Lab Disposal: | Signature by Euporatory. | 409 15:37 7 | aborda Sourab |



Chain of Custody and Analytical Request Record

Page <u>2</u> of <u>3</u>

| Company Name: | Project Name, PWS, Permit, Et | | Sample Origin | EPA/State Compliance: |
|--|--|--------------------------------------|----------------------|--------------------------|
| | | 0. | | Yes No Z |
| Report Mail Address: 5880 Enterpise Dr. Suik 20 | | one/Fax: | | Sampler: (Please Print) |
| 5880 Enterpise Dr. Swike 200 | Contact Name. | ле/гах. | Ciliali. | Sampler. (Flease Fillit) |
| Casper WY 82609 Invoice Address: | The Cuch 307- | 265-2373 John. Cas | cha incremental | m. Par va |
| Invoice Address: | Invoice Contact & Phone: | Control Control | Purchase Order: | Quote/Bottle Order: |
| | | | | |
| Special Report/Formats – ELI must be notified | WINVI AGU | 3 REQUESTED | Contact ELI prior to | |
| | | | RUSH sample subr | mittal Cooler ID(s): |
| prior to sample submittal for the following: | hers hers | 1 0 E | scheduling – See | |
| | W S N S S/So ssay | | Instruction Page | A/A |
| ☐ DW ☐ A2LA | Soils | | Comments: | Receipt Temp |
| GSA EDD/EDT(Electronic Data) | Type of alter of lon B | ATTACHED Turnaround (TA- | | On ice: |
| POTW/WWTP Format: | de la state | SEE ATTACHED Normal Turnaround (TAT) | S | Yes (No |
| ☐ State: ☐ LEVEL IV ☐ Other: ☐ NELAC | Null Null Samp | SEE, ormal - | | Custody Seal YN |
| Cities. | | | | Bottles/ Coolers B C |
| SAMPLE IDENTIFICATION Collection Collection | | | | Intact Y N |
| (Name, Location, Interval, etc.) Date Time | MATRIX 3 | | | Signature Y N Match |
| M-129 #11 5-4-09 | W Zgals (| | | \triangleright |
| ² M-111 #12 ³ M-112 #13 ⁴ M-113 #14 | (\ | | | |
| 3 M.112 #13 | | | | |
| 4 M-113 # 14 | | | | |
| 5 M-114 A15 | | | | |
| 6 M-114 #16 | - | | | |
| 7 M-116 #17 | | | | ATT |
| 8 M-117 #18 | | | | 0/R/A/T |
| ° M-118 #19 | | | | |
| 10 M-120 A # 20 | | | | 10905008 |
| *** Relinguished by (brint): - Date/Time: | Signature: | Received by (print): D | ate/Time: | Signature: |
| Record Reinquished by (print): Date/Time: | Signature: | Received by (print): D | ate/Time: | Signature: |
| MUST be | | Received by Laboratory: Da | ate//ime: | Signature: |
| Signed Sample Disposal: Return to Client: | Lab Disposal: | 5/1 | ate/fime: | ica Toward |

| IENERGY |
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| IBABORATORIES |

Chain of Custody and Analytical Request Record

| - | 2 | _ | ~ |
|------|---|----|---|
| Page | | of | |

| Company Name: | Project Name, PWS, Permit, | | Sample Origin | EPA/State Compliance: | | |
|--|--|--------------------------------------|---|-------------------------------|--|--|
| UR-Energy | Cost Creek | | State: Cul | Yes No No | | |
| Report Mail Address: 5880 Enterpise Dr. Smite 200 | Contact Name: Phone/Fax: | | Email: | Sampler: (Please Print) | | |
| Casper WY 87609 | John Cash 307 | -765-2373 Joh. | - Cash Que Erres | 455 . Cim | | |
| Invoice Address: | Invoice Contact & Phone: | | Purchase Order: | Quote/Bottle Order: | | |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: DR Gegy Eyee Shee DW | Number of Containers Sample Type: A W S V B O Air Water Soils/Soilds Vegetation Bioassay Other | SEE ATTACHED Normal Turnaround (TAT) | Contact ELI prior RUSH sample su for charges and scheduling – See Instruction Page Comments: | bmittal HCVG Cooler ID(s): | | |
| SAMPLE IDENTIFICATION Collection (Name, Location, Interval, etc.) Date Time | MATRIX 3 | | | Signature Y N | | |
| M-121 #21 5-4-09 | W Zepts | | | ⊳ | | |
| 2 M-130 #22 5-4-09 | iv zgals | | | | | |
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| 7 | | | | <u> </u> | | |
| 8 | | | | | | |
| 9 | | | | AB(| | |
| 10 | | | | 109050081 | | |
| Received by (print): Date/Time: Signature: Received by (print): Date/Time: Signature: Signature: Received by (print): Date/Time: Signature: Sig | | | | | | |
| Relinquished by (print): Date/Time: | Signature: | | ite/Time: | Signature: | | |
| Signed Sample Disposal: Return to Client: Lab Disposal: Return to Client: Lab Disposal: Received by Laboratory: Date/Time: Signature: Signature | | | | | | |

Energy Laboratories Inc Workorder Receipt Checklist



UR Energy USA Inc

Login completed by: Edith McPike Date and Time Received: 5/4/2009 3:37 PM Reviewed by: Received by: tae Reviewed Date: Carrier name: Hand Del Shipping container/cooler in good condition? Yes 🔽 No 🖂 Not Present | Custody seals intact on shipping container/cooler? Yes 🖂 No 🗀 Not Present 🗸 Custody seals intact on sample bottles? Yes 🖂 No 🖂 Not Present ✓ Chain of custody present? Yes 🔽 No 🗔 Chain of custody signed when relinquished and received? Yes 🗸 No 🖂 Chain of custody agrees with sample labels? Yes 🔽 No \square Samples in proper container/bottle? Yes 🗸 No 🗌 Sample containers intact? Yes 🗸 No 🗀 Sufficient sample volume for indicated test? Yes 🗸 No 🖂 All samples received within holding time? Yes 🗸 No 🗍 Container/Temp Blank temperature: 9°C Water - VOA vials have zero headspace? Yes 🗌 No VOA vials submitted No 🗔 Water - pH acceptable upon receipt? Yes 🗸 Not Applicable No 🗌

Contact and Corrective Action Comments:

Samples for dissolved metals and radionuclides were subsampled, filtered and preserved with 2 mL HNO3 in lab upon receipt to pH < Metals samples were preserved with 2 mL HNO3 upon receipt to pH <2 in the laboratory. In accordance with the Clean Water Act, these samples must be held for 24 hours prior to analysis. Samples were split and preserved in the laboratory for nitrates and ammonia

CLIENT:

UR Energy USA Inc

Date: 21-Oct-09

Project:

Lost Creek

CASE NARRATIVE

Sample Delivery Group: C09050081

REVISED/SUPPLEMENTAL REPORTS

The attached analytical report has been revised from a previously submitted report to include total alkalinity at the request of Leland Huffman 10/21/09. This reports reflects this addition.

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS

Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS

The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505

Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT

eli-g - Energy Laboratories, Inc. - Gillette, WY

eli-h - Energy Laboratories, Inc. - Helena, MT

eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA;

Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT



ANALYTICAL SUMMARY REPORT

July 02, 2009

UR Energy USA Inc 10758 W Centennial Rd Ste 200 Ken Caryl Ranch, CO 80127

Workorder No.: C09050144

Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 19 samples for UR Energy USA Inc on 5/6/2009 for analysis.

| | Client Sample ID | Collect Date Receive Date | Matrix | Test |
|--------------|------------------|---------------------------|---------|--|
| C09050144-00 | 01 M-128 | 05/05/09 00:00 05/06/09 | | Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved |
| C09050144-00 |)2 M-127 | 05/05/09 00:00 05/06/09 | Aqueous | Same As Above |
| C09050144-00 | 03 M-126 | 05/05/09 00:00 05/06/09 | Aqueous | Same As Above |
| C09050144-00 |)4 M-125 | 05/05/09 00:00 05/06/09 | Aqueous | Same As Above |
| C09050144-00 | 05 M-124 | 05/05/09 00:00 05/06/09 | Aqueous | Same As Above |
| C09050144-00 | 06 M-123 | 05/05/09 00:00 05/06/09 | Aqueous | Same As Above |
| C09050144-00 | 07 M-122 | 05/05/09 00:00 05/06/09 | Aqueous | Same As Above |
| C09050144-00 | 08 M-119 | 05/05/09 00:00 05/06/09 | Aqueous | Same As Above |
| C09050144-00 | 9 MP-110 | 05/05/09 00:00 05/06/09 | Aqueous | Same As Above |
| C09050144-01 | I0 MO-110 | 05/05/09 00:00 05/06/09 | Aqueous | Same As Above |
| C09050144-01 | I1 M-131 | 05/05/09 00:00 05/06/09 | Aqueous | Same As Above |
| C09050144-01 | 12 MU-110 | 05/05/09 00:00 05/06/09 | Aqueous | Same As Above |
| C09050144-01 | 3 MP-112 | 05/05/09 00:00 05/06/09 | Aqueous | Same As Above |
| C09050144-01 | 14 MU-112 | 05/05/09 00:00 05/06/09 | Aqueous | |
| C09050144-01 | 15 MO-113 | 05/05/09 00:00 05/06/09 | Aqueous | Same As Above |
| C09050144-01 | 6 MU-113 | 05/05/09 00:00 05/06/09 | Aqueous | Same As Above |
| C09050144-01 | 17 MO-111 | 05/05/09 00:00 05/06/09 | Aqueous | Same As Above |
| C09050144-01 | 18 MO-112 | 05/05/09 00:00 05/06/09 | Aqueous | Same As Above |
| C09050144-01 | 19 M-132 | 05/05/09 00:00 05/06/09 | Aqueous | Same As Above |



ANALYTICAL SUMMARY REPORT

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Steven E. Carlston Technical Director



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-001

Client Sample ID: M-128

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09 Matrix: Aqueous

| | | | | | MCL/ | | |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 113 | mg/L | | 1 | | A2320 B | 05/11/09 21:12 / ljl |
| Carbonate as CO3 | 2 | mg/L | | 1 | | A2320 B | 05/11/09 21:12 / ljl |
| Bicarbonate as HCO3 | 134 | mg/L | | 1 | | A2320 B | 05/11/09 21:12 / ljl |
| Calcium | 71 | mg/L | | 1 | | E200.7 | 05/07/09 16:21 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/18/09 19:41 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 13:17 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/07/09 16:21 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 09:59 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/08/09 13:04 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 05/07/09 16:21 / rdw |
| Silica | 15.7 | mg/L | | 0.2 | | E200.7 | 05/13/09 14:24 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 05/07/09 16:21 / rdw |
| Sulfate | 154 | mg/L | | 1 | | E300.0 | 05/18/09 19:41 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 552 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:05 / dd |
| pH | 8.43 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:05 / dd |
| Solids, Total Dissolved TDS @ 180 C | 377 | mg/L | | 10 | | A2540 C | 05/06/09 16:25 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 13:51 / ts |
| Arsenic | 0.006 | mg/L | | 0.001 | | E200.8 | 05/08/09 13:51 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 16:21 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 14:24 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 13:51 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 13:51 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 13:51 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/07/09 16:21 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 13:51 / ts |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.7 | 05/07/09 16:21 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 13:51 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 13:51 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 13:51 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 13:51 / ts |
| Uranium | 0.0843 | mg/L | 4 | 0.0003 | | E200.8 | 05/08/09 13:51 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 13:51 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 05/08/09 13:51 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 19:26 / rdw |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.7 | 05/13/09 20:04 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-001

Client Sample ID: M-128

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 94.0 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Alpha precision (±) | 4.5 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Beta | 31.1 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Beta precision (±) | 2.1 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Radium 226 | 0.91 | pCi/L | | | | E903.0 | 05/27/09 12:31 / jah |
| Radium 226 precision (±) | 0.20 | pCi/L | | | | E903.0 | 05/27/09 12:31 / jah |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 05/27/09 12:31 / jah |
| Radium 228 | 1.9 | pCi/L | | | | RA-05 | 05/19/09 10:50 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/19/09 10:50 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/19/09 10:50 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.09 | % | | | | Calculation | 05/20/09 12:28 / kbh |
| Anions | 5.62 | meq/L | | | | Calculation | 05/20/09 12:28 / kbh |
| Cations | 5.29 | meq/L | | | | Calculation | 05/20/09 12:28 / kbh |
| Solids, Total Dissolved Calculated | 357 | mg/L | | | | Calculation | 05/20/09 12:28 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | - | | | | Calculation | 05/20/09 12:28 / kbh |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek C09050144-002

Client Sample ID: M-127

Report Date: 07/02/09

Collection Date: 05/05/09 DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 108 | mg/L | | 1 | | A2320 B | 05/11/09 21:35 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 21:35 / Ijl |
| Bicarbonate as HCO3 | 130 | mg/L | | 1 | | A2320 B | 05/11/09 21:35 / ljl |
| Calcium | 58 | mg/L | | 1 | | E200.7 | 05/07/09 16:26 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/18/09 20:43 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 13:24 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/07/09 16:26 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 10:00 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/08/09 13:13 / eli-b |
| Potassium | 12 | mg/L | | 1 | | E200.7 | 05/07/09 16:26 / rdw |
| Silica | 15.8 | mg/L | | 0.2 | | E200.7 | 05/13/09 14:36 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 05/07/09 16:26 / rdw |
| Sulfate | 140 | mg/L | | 1 | | E300.0 | 05/18/09 20:43 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 520 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:06 / dd |
| pH | 8.35 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:06 / dd |
| Solids, Total Dissolved TDS @ 180 C | 356 | mg/L | | 10 | | A2540 C | 05/06/09 16:25 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 13:58 / ts |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 05/08/09 13:58 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 16:26 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 14:36 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 13:58 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 13:58 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 13:58 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/07/09 16:26 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 13:58 / ts |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.7 | 05/07/09 16:26 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 13:58 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 13:58 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 13:58 / ts |
| | 0.006 | mg/L | | 0.001 | | E200.8 | 05/08/09 13:58 / ts |
| Selenium | 0.140 | mg/L | | 0.0003 | | E200.8 | 05/08/09 13:58 / ts |
| Uranium Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 13:58 / ts |
| Vanadium Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 05/08/09 13:58 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 19:31 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/13/09 20:12 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-002

Client Sample ID: M-127

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|----------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 136 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Alpha precision (±) | 5.2 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Beta | 50.6 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Beta precision (±) | 2.3 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Radium 226 | 1.2 | pCi/L | | | | E903.0 | 05/27/09 12:31 / jah |
| Radium 226 precision (±) | 0.22 | pCi/L | | | | E903.0 | 05/27/09 12:31 / jah |
| Radium 226 MDC | 0.16 | pCi/L | | | | E 903.0 | 05/27/09 12:31 / jah |
| Radium 228 | 2.0 | pCi/L | | | | RA-05 | 05/19/09 10:50 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/19/09 10:50 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/19/09 10:50 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.97 | % | | | | Calculation | 05/20/09 12:28 / kbh |
| Anions | 5.21 | meq/L | | | | Calculation | 05/20/09 12:28 / kbh |
| Cations | 4.81 | meq/L | | | | Calculation | 05/20/09 12:28 / kbh |
| Solids, Total Dissolved Calculated | 334 | mg/L | | | | Calculation | 05/20/09 12:28 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | | | | | Calculation | 05/20/09 12:28 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek

Client Sample ID: M-126

C09050144-003

Report Date: 07/02/09

Collection Date: 05/05/09 DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 82 | mg/L | | 1 | | A2320 B | 05/11/09 21:42 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 21:42 / ljl |
| Bicarbonate as HCO3 | 99 | mg/L | | 1 | | A2320 B | 05/11/09 21:42 / ljl |
| Calcium | 54 | mg/L | | 1 | | E200.7 | 05/07/09 16:31 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/18/09 20:58 / Ijl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 13:27 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/07/09 16:31 / rdw |
| Nitrogen, Ammonia as N | 0.28 | mg/L | | 0.05 | | E350.1 | 05/08/09 10:04 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/08/09 13:15 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/07/09 16:31 / rdw |
| Silica | 14.7 | mg/L | | 0.2 | | E200.7 | 05/13/09 14:44 / cp |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 05/07/09 16:31 / rdw |
| Sulfate | 146 | mg/L | | 1 | | E300.0 | 05/18/09 20:58 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 495 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:08 / dd |
| pH | 8.42 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:08 / dd |
| Solids, Total Dissolved TDS @ 180 C | 344 | mg/L | | 10 | | A2540 C | 05/06/09 16:26 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 14:04 / ts |
| Arsenic | 0.006 | mg/L | | 0.001 | | E200.8 | 05/08/09 14:04 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 16:31 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 14:44 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 14:04 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 14:04 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 14:04 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/07/09 16:31 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 14:04 / ts |
| Manganese | 0.08 | mg/L | | 0.01 | | E200.7 | 05/07/09 16:31 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 14:04 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 14:04 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 14:04 / ts |
| Selenium | 0.005 | mg/L | | 0.001 | | E200.8 | 05/08/09 14:04 / ts |
| Uranium | 0.344 | mg/L | | 0.0003 | | E200.8 | 05/08/09 14:04 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 14:04 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 14:04 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 19:36 / rdw |
| Manganese | 0.09 | mg/L | | 0.01 | | E200.7 | 05/13/09 21:05 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-003

Client Sample ID: M-126

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 417 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Alpha precision (±) | 8.7 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Beta | 108 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Beta precision (±) | 2.9 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 05/31/09 22:00 / cgr |
| Radium 226 | 1.5 | pCi/L | | | | E903.0 | 05/27/09 12:31 / jah |
| Radium 226 precision (±) | 0.23 | pCi/L | | | | E903.0 | 05/27/09 12:31 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 05/27/09 12:31 / jah |
| Radium 228 | 1.1 | pCi/L | U | | | RA-05 | 05/19/09 10:50 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/19/09 10:50 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/19/09 10:50 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.43 | % | | | | Calculation | 05/20/09 12:28 / kbh |
| Anions | 4.86 | meq/L | | | | Calculation | 05/20/09 12:28 / kbh |
| Cations | 4.45 | meq/L | | | | Calculation | 05/20/09 12:28 / kbh |
| Solids, Total Dissolved Calculated | 313 | mg/L | | | | Calculation | 05/20/09 12:28 / kbh |
| TDS Balance (0.80 - 1.20) | 1.10 | - | | | | Calculation | 05/20/09 12:28 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-004

Client Sample ID: M-125

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09 Matrix: Aqueous

| | | | | | MCL/ | | |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 117 | mg/L | | 1 | | A2320 B | 05/11/09 21:49 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 21:49 / ljl |
| Bicarbonate as HCO3 | 142 | mg/L | | 1 | | A2320 B | 05/11/09 21:49 / Ijl |
| Calcium | 66 | mg/L | | 1 | | E200.7 | 05/07/09 16:36 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/23/09 15:04 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 13:30 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 05/07/09 16:36 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 10:07 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.05 | mg/L | | 0.05 | | E353.2 | 05/08/09 13:16 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/07/09 16:36 / rdw |
| Silica | 15.3 | mg/L | | 0.2 | | E200.7 | 05/13/09 14:48 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 05/07/09 16:36 / rdw |
| Sulfate | 153 | mg/L | | 1 | | E300.0 | 05/23/09 15:04 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 545 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:10 / dd |
| pH | 8.17 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:10 / dd |
| Solids, Total Dissolved TDS @ 180 C | 379 | mg/L | | 10 | | A2540 C | 05/06/09 16:26 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 14:11 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/08/09 14:11 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 16:36 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 14:48 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 14:11 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 14:11 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 14:11 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/07/09 16:36 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 14:11 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 16:36 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 14:11 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 14:11 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 14:11 / ts |
| Selenium | 0.013 | mg/L | | 0.001 | | E200.8 | 05/08/09 14:11 / ts |
| Uranium | 0.296 | mg/L | | 0.0003 | | E200.8 | 05/08/09 14:11 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 14:11 / ts |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 05/08/09 14:11 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 19:41 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/13/09 21:09 / cp |
| | | · • · | | • | | ** | -1- |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-004

Client Sample ID: M-125

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---------------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | • | | |
| Gross Alpha | 368 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Alpha precision (±) | 8.8 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Beta | 97.9 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Beta precision (±) | 2.9 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Radium 226 | 2.1 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 precision (±) | 0.26 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 MDC | 0.10 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 228 | 3.6 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -5.89 | % | | | | Calculation | 05/28/09 07:24 / kbh |
| Anions | 5.63 | meq/L | | | | Calculation | 05/28/09 07:24 / kbh |
| Cations | 5.01 | meq/L | | | | Calculation | 05/28/09 07:24 / kbh |
| Solids, Total Dissolved Calculated | 350 | mg/L | | | | Calculation | 05/28/09 07:24 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | - | | | | Calculation | 05/28/09 07:24 / kbh |
| The Anien / Cation halance was confirmed by | / re-analysis | | | | | | |

⁻ The Anion / Cation balance was confirmed by re-analysis.

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-005

Client Sample ID: M-124

Collection Date: 05/05/09 DateReceived: 05/06/09

Matrix: Aqueous

Report Date: 07/02/09

| | | | | | MCL/ | | |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 112 | mg/L | | 1 | | A2320 B | 05/11/09 21:56 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 21:56 / ljl |
| Bicarbonate as HCO3 | 137 | mg/L | | 1 | | A2320 B | 05/11/09 21:56 / ljl |
| Calcium | 54 | mg/L | | 1 | | E200.7 | 05/07/09 16:41 / rdw |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/18/09 22:00 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 13:32 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/07/09 16:41 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 10:08 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/08/09 13:17 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/07/09 16:41 / rdw |
| Silica | 16.2 | mg/L | | 0.2 | | E200.7 | 05/13/09 14:52 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 05/07/09 16:41 / rdw |
| Sulfate | 107 | mg/L | | 1 | | E300.0 | 05/18/09 22:00 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 462 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:11 / dd |
| рН | 8.22 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:11 / dd |
| Solids, Total Dissolved TDS @ 180 C | 314 | mg/L | | 10 | | A2540 C | 05/06/09 16:26 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 14:32 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/08/09 14:32 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 16:41 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 14:52 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 14:32 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 14:32 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 14:32 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/07/09 16:41 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 14:32 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 16:41 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 14:32 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 14:32 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 14:32 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 14:32 / ts |
| Uranium | 0.0559 | mg/L | | 0.0003 | | E200.8 | 05/08/09 14:32 / ts |
| Vanadium | ND | mg/L | | 0,1 | | E200.8 | 05/08/09 14:32 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 05/08/09 14:32 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/13/09 21:13 / cp |
| Manganese | ND | mg/L | _ | 0.01 | | E200.7 | 05/13/09 21:13 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-005

Client Sample ID: M-124

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 60.6 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha precision (±) | 3.5 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta | 18.2 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Radium 226 | 1.6 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 precision (±) | 0.23 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 MDC | 0.11 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 228 | 4.1 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.34 | % | | | | Calculation | 05/20/09 12:55 / kbh |
| Anions | 4.61 | meq/L | | | | Calculation | 05/20/09 12:55 / kbh |
| Cations | 4.22 | meq/L | | | | Calculation | 05/20/09 12:55 / kbh |
| Solids, Total Dissolved Calculated | 289 | mg/L | | | | Calculation | 05/20/09 12:55 / kbh |
| TDS Balance (0.80 - 1.20) | 1.09 | | | | | Calculation | 05/20/09 12:55 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-006

Client Sample ID: M-123

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|---------------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 114 | mg/L | | 1 | | A2320 B | 05/11/09 22:04 / ljl |
| Carbonate as CO3 | 1 | mg/L | | 1 | | A2320 B | 05/11/09 22:04 / iji |
| Bicarbonate as HCO3 | 137 | mg/L | | 1 | | A2320 B | 05/11/09 22:04 / ljl |
| Calcium | 54 | mg/L | | 1 | | E200.7 | 05/07/09 17:12 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/23/09 15:50 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 13:35 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/07/09 17:12 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 10:10 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/08/09 13:24 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/07/09 17:12 / rdw |
| Silica | 16.2 | mg/L | | 0.2 | | €200.7 | 05/13/09 14:56 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 05/07/09 17:12 / rdw |
| Sulfate | 119 | mg/L | | 1 | | E300.0 | 05/23/09 15:50 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 484 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:13 / dd |
| Hq | 8.39 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:13 / dd |
| Solids, Total Dissolved TDS @ 180 C | 324 | mg/L | | 10 | | A2540 C | 05/06/09 16:27 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 14:38 / ts |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/08/09 14:38 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 17:12 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 14:56 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 14:38 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 14:38 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 14:38 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/07/09 17:12 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 14:38 / ts |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.7 | 05/07/09 17:12 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 14:38 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 14:38 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 14:38 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 14:38 / ts |
| Uranium | 0.0142 | mg/L | | 0.0003 | | E200.8 | 05/08/09 14:38 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 14:38 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 14:38 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/13/09 21:17 / cp |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.7 | 05/13/09 21:17 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek

C09050144-006

Client Sample ID: M-123

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|--|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | <u>. </u> | | | | | |
| Gross Alpha | 31.9 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Alpha precision (±) | 2.7 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Beta | 14.4 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Radium 226 | 2.9 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 precision (±) | 0.31 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 MDC | 0.11 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 228 | 4.4 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.20 | % | | | | Calculation | 05/28/09 07:34 / kbh |
| Anions | 4.84 | meq/L | | | | Calculation | 05/28/09 07:34 / kbh |
| Cations | 4.45 | meq/L | | | | Calculation | 05/28/09 07:34 / kbh |
| Solids, Total Dissolved Calculated | 303 | mg/L | | | | Calculation | 05/28/09 07:34 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 05/28/09 07:34 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-007

Client Sample ID: M-122

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 114 | mg/L | | 1 | | A2320 B | 05/11/09 22:19 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 22:19 / ljl |
| Bicarbonate as HCO3 | 139 | mg/L | | 1 | | A2320 B | 05/11/09 22:19 / ljl |
| Calcium | 56 | mg/L | | 1 | | E200.7 | 05/07/09 17:17 / rdw |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/18/09 22:31 / Iji |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 13:38 / Iji |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/07/09 17:17 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | • | 0.05 | | E350.1 | 05/08/09 10:11 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/08/09 13:25 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/07/09 17:17 / rdw |
| Silica | 15.6 | mg/L | | 0.2 | | E200.7 | 05/13/09 15:13 / cp |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 05/07/09 17:17 / rdw |
| Sulfate | 124 | mg/L | | 1 | | E300.0 | 05/18/09 22:31 / lji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 503 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:14 / dd |
| pH | 8.22 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:14 / dd |
| Solids, Total Dissolved TDS @ 180 C | 335 | mg/L | | 10 | | A2540 C | 05/06/09 16:29 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 15:26 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/08/09 15:26 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 17:17 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 15:13 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 15:26 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 15:26 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 15:26 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/07/09 17:17 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 15:26 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 05/07/09 17:17 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 15:26 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 15:26 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 15:26 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 15:26 / ts |
| Uranium | 0.0483 | mg/L | | 0.0003 | | E200.8 | 05/08/09 15:26 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 15:26 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 15:26 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/13/09 21:21 / cp |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 05/13/09 21:21 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-007

Client Sample ID: M-122

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 79.8 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha precision (±) | 4.0 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta | 29.8 | pÇi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Radium 226 | 8.6 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 precision (±) | 0.51 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 MDC | 0.10 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 228 | 2.5 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.69 | % | | | | Calculation | 05/20/09 12:58 / kbh |
| Anions | 5.00 | meq/L | | | | Calculation | 05/20/09 12:58 / kbh |
| Cations | 4.55 | meq/L | | | | Calculation | 05/20/09 12:58 / kbh |
| Solids, Total Dissolved Calculated | 312 | mg/L | | | | Calculation | 05/20/09 12:58 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | | | | | Calculation | 05/20/09 12:58 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-008

Client Sample ID: M-119

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| Arialyses | Nesuit | Units | Qualifiers | NL. | 402 | Motriou | Allaysis Bate (B) |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 114 | mg/L | | 1 | | A2320 B | 05/11/09 22:26 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 22:26 / ljl |
| Bicarbonate as HCO3 | 139 | mg/L | | 1 | | A2320 B | 05/11/09 22:26 / ljl |
| Calcium | 57 | mg/L | | 1 | | E200.7 | 05/07/09 17:27 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/18/09 22:46 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 13:40 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/07/09 17:27 / rdw |
| Nitrogen, Ammonia as N | 0.09 | mg/L | | 0.05 | | E350.1 | 05/08/09 10:12 / eli-l |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/08/09 13:27 / eli- |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/07/09 17:27 / rdw |
| Siliça | 15.7 | mg/L | | 0.2 | | E200.7 | 05/13/09 15:17 / cp |
| Sodium | 35 | mg/L | | 1 | | E200.7 | 05/07/09 17:27 / rdw |
| Sulfate | 127 | mg/L | | 1 | | E300.0 | 05/18/09 22:46 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 504 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:16 / dd |
| pH | 8.22 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:16 / dd |
| Solids, Total Dissolved TDS @ 180 C | 325 | mg/L | | 10 | | A2540 C | 05/06/09 16:29 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 15:33 / ts |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 05/08/09 15:33 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 17:27 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 15:17 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 15:33 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 15:33 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 15:33 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/07/09 17:27 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 15:33 / ts |
| Manganese | 0.04 | mg/L | | 0.01 | | E200.7 | 05/07/09 17:27 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 15:33 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 15:33 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 15:33 / ts |
| Selenium | 0.001 | mg/L | | 0.001 | | E200.8 | 05/08/09 15:33 / ts |
| Uranium | 0.0856 | mg/L | | 0.0003 | | E200.8 | 05/08/09 15:33 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 15:33 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 15:33 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/13/09 21:25 / cp |
| Manganese | 0.04 | mg/L | | 0.01 | | E200.7 | 05/13/09 21:25 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit. D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-008

Client Sample ID: M-119

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|---|------------|----|-------------|-------------|----------------------|
| | | • | | | | | <u> </u> |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 106 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha precision (±) | 4.6 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta | 30.1 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Radium 226 | 1.4 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 precision (±) | 0.22 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 MDC | 0.11 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 228 | 2.1 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.78 | % | | | | Calculation | 05/20/09 12:59 / kbh |
| Anions | 5.06 | meq/L | | | | Calculation | 05/20/09 12:59 / kbh |
| Cations | 4.70 | meq/L | | | | Calculation | 05/20/09 12:59 / kbh |
| Solids, Total Dissolved Calculated | 318 | mg/L | | | | Calculation | 05/20/09 12:59 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | | | | | Calculation | 05/20/09 12:59 / kbh |

Report Definitions:

RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-009

Client Sample ID: MP-110

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| 103 ND 126 50 5 0.1 2 ND ND 12 14.3 35 128 | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 1 1 1 0.1 1 0.05 0.05 | | A2320 B A2320 B A2320 B E200.7 E300.0 A4500-F C E200.7 E350.1 E353.2 E200.7 | 05/11/09 22:34 / Iji 05/11/09 22:34 / Iji 05/11/09 22:34 / Iji 05/07/09 17:32 / rdw 05/18/09 23:02 / Iji 05/11/09 13:49 / Iji 05/07/09 17:32 / rdw 05/08/09 10:13 / eli-b |
|--|--|--|--|--|--|---|
| ND 126 50 5 0.1 2 ND ND 12 14.3 | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 1 1 0.1 1 0.05 0.05 1 | | A2320 B A2320 B E200.7 E300.0 A4500-F C E200.7 E350.1 E353.2 | 05/11/09 22:34 / Iji 05/11/09 22:34 / Iji 05/07/09 17:32 / rdw 05/18/09 23:02 / Iji 05/11/09 13:49 / Iji 05/07/09 17:32 / rdw 05/08/09 10:13 / eli-b 05/08/09 13:28 / eli-b |
| 126 50 5 0.1 2 ND ND 12 14.3 | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 1 0.1 1 0.05 0.05 1 | | A2320 B E200.7 E300.0 A4500-F C E200.7 E350.1 E353.2 | 05/11/09 22:34 / Iji 05/07/09 17:32 / rdw 05/18/09 23:02 / Iji 05/11/09 13:49 / Iji 05/07/09 17:32 / rdw 05/08/09 10:13 / eli-b 05/08/09 13:28 / eli-b |
| 50 5 0.1 2 ND ND 12 14.3 35 | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 0.1 1 0.05 0.05 1 | | E200.7 E300.0 A4500-F C E200.7 E350.1 E353.2 | 05/07/09 17:32 / rdw 05/18/09 23:02 / ljl 05/11/09 13:49 / ljl 05/07/09 17:32 / rdw 05/08/09 10:13 / eli-b 05/08/09 13:28 / eli-b |
| 5 0.1 2 ND ND 12 14.3 35 | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 0.1 1 0.05 0.05 1 0.2 | | E300.0 A4500-F C E200.7 E350.1 E353.2 | 05/18/09 23:02 / ljl 05/11/09 13:49 / ljl 05/07/09 17:32 / rdw 05/08/09 10:13 / eli-b 05/08/09 13:28 / eli-b |
| 0.1 2 ND ND 12 14.3 35 | mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 0.1 1 0.05 0.05 1 0.2 | | A4500-F C E200.7 E350.1 E353.2 | 05/11/09 13:49 / Iji 05/07/09 17:32 / rdw 05/08/09 10:13 / eli-b 05/08/09 13:28 / eli-b |
| 2 ND ND 12 14.3 35 | mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 0.05 0.05 1 0.2 | | E200.7 E350.1 E353.2 | 05/07/09 17:32 / rdw 05/08/09 10:13 / eli-b 05/08/09 13:28 / eli-b |
| ND ND 12 14.3 35 | mg/L mg/L mg/L mg/L mg/L mg/L | | 0.05 0.05 1 0.2 | | E350.1 E353.2 | 05/08/09 10:13 / eli-b 05/08/09 13:28 / eli-b |
| ND 12 14.3 35 | mg/L mg/L mg/L mg/L mg/L | | 0.05 1 0.2 | | E353.2 | 05/08/09 13:28 / eli-b |
| 12 14.3 35 | mg/L mg/L mg/L mg/L | | 1 0.2 | | | |
| 12 14.3 35 | mg/L mg/L mg/L | | 0.2 | | E200.7 | 05/07/00 17:22 / |
| 14.3 35 | mg/L mg/L | | | | | 05/07/09 17:32 / rdw |
| 35 | mg/L | | | | E200.7 | 05/13/09 15:21 / cp |
| | _ | | 1 | | E200.7 | 05/07/09 17:32 / rdw |
| • | | | 1 | | E300.0 | 05/18/09 23:02 / ljl |
| | | | | | | |
| 497 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:17 / dd |
| 8.38 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:17 / dd |
| 314 | mg/L | | 10 | | A2540 C | 05/06/09 16:29 / rp |
| | | | | | | |
| ND | ma/L | | 0.1 | | E200.8 | 05/08/09 15:40 / ts |
| | | | | | | 05/08/09 15:40 / ts |
| | | | | | | 05/07/09 17:32 / rdw |
| | _ | | | | | 05/13/09 15:21 / cp |
| | - | | | | | 05/08/09 15:40 / ts |
| | | | | | | 05/08/09 15:40 / ts |
| | | | | | | 05/08/09 15:40 / ts |
| | | | | | | 05/07/09 17:32 / rdw |
| | - | | | | | 05/08/09 15:40 / ts |
| | - | | | | | 05/07/09 17:32 / rdw |
| | | | | | | 05/08/09 15:40 / ts |
| | - | | | | | 05/08/09 15:40 / ts |
| | _ | | | | | 05/08/09 15:40 / ts |
| | | | | | | 05/08/09 15:40 / ts |
| | | | | | | 05/08/09 15:40 / ts |
| | | | | | | 05/08/09 15:40 / ts |
| 0.01 | mg/L | | 0.01 | | E200.8 | 05/08/09 15:40 / ts |
| | | | | | | |
| ND | ma/L | D | 0.07 | | E200.7 | 05/13/09 21:29 / cp |
| ND | mg/L | _ | 0.01 | | E200.7 | 05/13/09 21:29 / cp |
| | ND | 0.007 mg/L ND mg/L | 0.007 mg/L ND mg/L | 0.007 mg/L 0.001 ND mg/L 0.1 ND mg/L 0.005 ND mg/L 0.05 ND mg/L 0.01 ND mg/L 0.03 ND mg/L 0.001 ND mg/L 0.01 ND mg/L 0.01 ND mg/L 0.05 ND mg/L 0.001 0.254 mg/L 0.0003 ND mg/L 0.1 0.01 mg/L 0.01 ND mg/L 0.01 | 0.007 mg/L 0.001 ND mg/L 0.1 ND mg/L 0.005 ND mg/L 0.05 ND mg/L 0.01 ND mg/L 0.03 ND mg/L 0.01 ND mg/L 0.01 ND mg/L 0.01 ND mg/L 0.05 ND mg/L 0.001 0.254 mg/L 0.0003 ND mg/L 0.1 0.01 mg/L 0.01 ND mg/L 0.01 ND mg/L 0.01 ND mg/L 0.01 ND mg/L 0.01 | 0.007 mg/L 0.001 E200.8 ND mg/L 0.1 E200.7 ND mg/L 0.005 E200.8 ND mg/L 0.05 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.03 E200.7 ND mg/L 0.001 E200.8 ND mg/L 0.01 E200.7 ND mg/L 0.001 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.05 E200.8 ND mg/L 0.001 E200.8 0.254 mg/L 0.0003 E200.8 ND mg/L 0.01 E200.8 0.01 mg/L 0.01 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.01 E200.8 |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-009

Client Sample ID: MP-110

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 1700 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha precision (±) | 17.8 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta | 646 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta precision (±) | 6.3 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Radium 226 | 689 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 precision (±) | 4.5 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 MDC | 0.10 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 228 | 10.8 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.10 | % | | | | Calculation | 05/20/09 12:59 / kbh |
| Anions | 4.87 | meq/L | | | | Calculation | 05/20/09 12:59 / kbh |
| Cations | 4.48 | meq/L | | | | Calculation | 05/20/09 12:59 / kbh |
| Solids, Total Dissolved Calculated | 311 | mg/L | | | | Calculation | 05/20/09 12:59 / kbh |
| TDS Balance (0.80 - 1.20) | 1.01 | - | | | | Calculation | 05/20/09 12:59 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-010

Client Sample ID: MO-110

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|-------------------------------------|-------------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 92 | mg/L | | 1 | | A2320 B | 05/11/09 22:41 / ljl |
| Carbonate as CO3 | 6 | mg/L | | 1 | | A2320 B | 05/11/09 22:41 / ljl |
| Bicarbonate as HCO3 | 101 | mg/L | | 1 | | A2320 B | 05/11/09 22:41 / ljl |
| Calcium | 45 | mg/L | | 1 | | E200.7 | 05/07/09 17:37 / rdw |
| Chloride | 7 | mg/L | | 1 | | E300.0 | 05/18/09 23:17 / Ijl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 14:05 / ljl |
| Magnesium | 1 | mg/L | | 1 | | E200.7 | 05/07/09 17:37 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 10:14 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.13 | mg/L | | 0.05 | | E353.2 | 05/08/09 13:29 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/07/09 17:37 / rdw |
| Silica | 12.6 | mg/L | | 0.2 | | E200.7 | 05/13/09 15:25 / cp |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 05/07/09 17:37 / rdw |
| Sulfate | 96 | mg/L | | 1 | | E300.0 | 05/18/09 23:17 / ljl |
| Surface | 90 | mg/L | | • | | 2000.0 | 00/10/00 L0/1/ / g. |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 417 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:19 / dd |
| pH | 8.78 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:19 / dd |
| Solids, Total Dissolved TDS @ 180 C | 258 | mg/L | | 10 | | A2540 C | 05/06/09 16:30 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 15:47 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/08/09 15:47 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 17:37 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 15:25 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 15:47 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 15:47 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 15:47 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/07/09 17:37 / rdw |
| Lead | 0.002 | mg/L | | 0.001 | | E200.8 | 05/08/09 15:47 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 17:37 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 15:47 / ts |
| • | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 15:47 / ts |
| Molybdenum Nickel | ND ND | mg/L | | 0.05 | | E200.8 | 05/08/09 15:47 / ts |
| Selenium | 0.021 | mg/L | | 0.001 | | E200.8 | 05/08/09 15:47 / ts |
| | 0.021 | mg/L | | 0.0003 | | E200.8 | 05/08/09 15:47 / ts |
| Uranium Vanadium | 0.313 ND | mg/L | | 0.0003 | | E200.8 | 05/08/09 15:47 / ts |
| Vanadium Zinc | ND ND | mg/L | | 0.01 | | E200.8 | 05/08/09 15:47 / ts |
| METALC TOTAL | | | | | | | |
| METALS - TOTAL | ND | ma/l | D | 0.07 | | E200.7 | 05/13/09 21:54 / cp |
| Iron | ND | mg/L | D | 0.07 | | | • |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/13/09 21:54 / cp |

Report

RL - Analyte reporting limit.

Definitions: OCL - Quality of

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-010

Client Sample ID: MO-110

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL. | MCL/ | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|-----|------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 294 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha precision (±) | 7.2 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta | 89.2 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta precision (±) | 2.7 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Radium 226 | 3.1 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 precision (±) | 0.32 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 MDC | 0.11 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 228 | 7.0 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.36 | % | | | | Calculation | 05/20/09 12:59 / kbh |
| Anions | 4.07 | meq/L | | | | Calculation | 05/20/09 12:59 / kbh |
| Cations | 3.88 | meq/L | | | | Calculation | 05/20/09 12:59 / kbh |
| Solids, Total Dissolved Calculated | 259 | mg/L | | | | Calculation | 05/20/09 12:59 / kbh |
| TDS Balance (0.80 - 1.20) | 1.00 | - | | | | Calculation | 05/20/09 12:59 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-011

Client Sample ID: M-131

Report Date: 07/02/09

Collection Date: 05/05/09 DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 91 | mg/L | | 1 | | A2320 B | 05/11/09 22:49 / ljl |
| Carbonate as CO3 | 6 | mg/L | | 1 | | A2320 B | 05/11/09 22:49 / ljl |
| Bicarbonate as HCO3 | 99 | mg/L | | 1 | | A2320 B | 05/11/09 22:49 / ijl |
| Calcium | 42 | mg/L | | 1 | | E200.7 | 05/07/09 17:42 / rdw |
| Chloride | 8 | mg/L | | 1 | | E300.0 | 05/18/09 23:33 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 14:07 / lji |
| Magnesium | 1 | mg/L | | 1 | | E200.7 | 05/07/09 17:42 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 10:18 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.14 | mg/L | | 0.05 | | E353.2 | 05/08/09 13:30 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/07/09 17:42 / rdw |
| Silica | 12.1 | mg/L | | 0.2 | | E200.7 | 05/13/09 15:29 / cp |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 05/07/09 17:42 / rdw |
| Sulfate | 96 | mg/L | | 1 | | E300.0 | 05/18/09 23:33 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 418 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:29 / dd |
| pH | 8.72 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:29 / dd |
| Solids, Total Dissolved TDS @ 180 C | 265 | mg/L | | 10 | | A2540 C | 05/06/09 16:30 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 15:53 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/08/09 15:53 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 17:42 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 15:29 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 15:53 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 15:53 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 15:53 / ts |
| iron | ND | mg/L | | 0.03 | | E200.7 | 05/07/09 17:42 / rdw |
| Lead | 0.003 | mg/L | | 0.001 | | E200.8 | 05/08/09 15:53 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 17:42 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 15:53 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 15:53 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 15:53 / ts |
| Selenium | 0.021 | mg/L | | 0.001 | | E200.8 | 05/08/09 15:53 / ts |
| Uranium | 0.300 | mg/L | | 0.0003 | | E200.8 | 05/08/09 15:53 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 15:53 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 15:53 / ts |
| METALS - TOTAL | | | | | | | |
| iron | ND | mg/L | D | 0.07 | | E200.7 | 05/13/09 22:02 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/13/09 22:02 / cp |

Report

RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-011

Client Sample ID: M-131

Collection Date: 05/05/09 DateReceived: 05/06/09 Matrix: Aqueous

Report Date: 07/02/09

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 260 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha precision (±) | 6.8 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta | 88.5 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta precision (±) | 2.7 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Radium 226 | 3.2 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 precision (±) | 0.31 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 MDC | 0.1 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 228 | 4.2 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.69 | % | | | | Calculation | 05/20/09 13:00 / kbh |
| Anions | 4.06 | meq/L | | | | Calculation | 05/20/09 13:00 / kbh |
| Cations | 3.69 | meq/L | | | | Calculation | 05/20/09 13:00 / kbh |
| Solids, Total Dissolved Calculated | 254 | mg/L | | | | Calculation | 05/20/09 13:00 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | - | | | | Calculation | 05/20/09 13:00 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit. MDC - Minimum detectable concentration MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek C09050144-012

Lab ID: Client Sample ID: MU-110

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|-------------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 27 | mg/L | В | 1 | | A2320 B | 05/11/09 23:11 / ljl |
| Carbonate as CO3 | 11 | mg/L | | 1 | | A2320 B | 05/11/09 23:11 / ljl |
| Bicarbonate as HCO3 | 10 | mg/L | В | 1 | | A2320 B | 05/11/09 23:11 / ljl |
| Calcium | 23 | mg/L | | 1 | | E200.7 | 05/07/09 17:47 / rdw |
| Chloride | 10 | mg/L | | 1 | | E300.0 | 05/19/09 00:19 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 14:10 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 05/07/09 17:47 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 10:21 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.13 | mg/L | | 0.05 | | E353.2 | 05/08/09 13:31 / eli-b |
| Potassium | 13 | mg/L | | 1 | | E200.7 | 05/07/09 17:47 / rdw |
| Silica | 14.2 | mg/L | | 0.2 | | E200.7 | 05/13/09 16:29 / cp |
| Sodium | 36 | mg/L | | 1 | | E200.7 | 05/07/09 17:47 / rdw |
| Sulfate | 111 | mg/L | | 1 | | E300.0 | 05/19/09 00:19 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 370 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:30 / dd |
| pH | 9.88 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:30 / dd |
| Solids, Total Dissolved TDS @ 180 C | 237 | mg/L | | 10 | | A2540 C | 05/06/09 16:30 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | 0.2 | mg/L | | 0.1 | | E200.8 | 05/08/09 16:00 / ts |
| Arsenic | 0.022 | mg/L | | 0.001 | | E200.8 | 05/08/09 16:00 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 17:47 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 16:29 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 16:00 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 16:00 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 16:00 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/07/09 17:47 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 16:00 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 17:47 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 16:00 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 16:00 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 16:00 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 16:00 / ts |
| Uranium | 0.0736 | mg/L | | 0.0003 | | E200.8 | 05/08/09 16:00 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 16:00 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 16:00 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/13/09 22:06 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/13/09 22:06 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-012

Client Sample ID: MU-110

Report Date: 07/02/09 Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 73.4 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha precision (±) | 3.8 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta | 40.0 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta precision (±) | 2.2 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Radium 226 | 3.0 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 precision (±) | 0.28 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 MDC | 0.09 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 228 | 3.6 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 MDC | 1 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.743 | % | | | | Calculation | 05/20/09 13:01 / kbh |
| Anions | 3.17 | meq/L | | | | Calculation | 05/20/09 13:01 / kbh |
| Cations | 3.12 | meq/L | | | | Calculation | 05/20/09 13:01 / kbh |
| Solids, Total Dissolved Calculated | 230 | mg/L | | | | Calculation | 05/20/09 13:01 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | - | | | | Calculation | 05/20/09 13:01 / kbh |

Report **Definitions:** RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek C09050144-013

Client Sample ID: MP-112

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 35 | mg/L | В | 1 | | A2320 B | 05/11/09 23:18 / ljl |
| Carbonate as CO3 | 20 | mg/L | | 1 | | A2320 B | 05/11/09 23:18 / ljl |
| Bicarbonate as HCO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 23:18 / ljl |
| Calcium | 32 | mg/L | | 1 | | E200.7 | 05/07/09 18:08 / rdw |
| Chloride | 7 | mg/L | | 1 | | E300.0 | 05/19/09 00:34 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 14:13 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 05/07/09 18:08 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 10:23 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/08/09 13:32 / eli-b |
| Potassium | 11 | mg/L | | 1 | | E200.7 | 05/07/09 18:08 / rdw |
| Silica | 13.4 | mg/L | | 0.2 | | E200.7 | 05/13/09 16:38 / cp |
| Sodium | 37 | mg/L | | 1 | | E200.7 | 05/07/09 18:08 / rdw |
| Sulfate | 127 | mg/L | | 1 | | E300.0 | 05/19/09 00:34 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 415 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:32 / dd |
| pH | 10.2 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:32 / dd |
| Solids, Total Dissolved TDS @ 180 C | 261 | mg/L | | 10 | | A2540 C | 05/06/09 16:30 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | 0.3 | mg/L | | 0.1 | | E200.8 | 05/08/09 16:07 / ts |
| Arsenic | 0.026 | mg/L | | 0.001 | | E200.8 | 05/08/09 16:07 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 18:08 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 16:38 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 16:07 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 16:07 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 16:07 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/07/09 18:08 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 16:07 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 18:08 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 16:07 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 16:07 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 16:07 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 16:07 / ts |
| Uranium | 0.301 | mg/L | | 0.0003 | | E200.8 | 05/08/09 16:07 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 16:07 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 16:07 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/13/09 22:10 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/13/09 22:10 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-013

Client Sample ID: MP-112

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 635 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha precision (±) | 10.7 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta | 270 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta precision (±) | 4.2 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Radium 226 | 121 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 precision (±) | 1.9 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 226 MDC | 0.10 | pCi/L | | | | E903.0 | 05/26/09 16:46 / jah |
| Radium 228 | 2.0 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/19/09 12:46 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.45 | % | | | | Calculation | 05/20/09 13:01 / kbh |
| Anions | 3.57 | meq/L | | | | Calculation | 05/20/09 13:01 / kbh |
| Cations | 3.47 | meq/L | | | | Calculation | 05/20/09 13:01 / kbh |
| Solids, Total Dissolved Calculated | 252 | mg/L | | | | Calculation | 05/20/09 13:01 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | Ū | | | | Calculation | 05/20/09 13:01 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-014

Client Sample ID: MU-112

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ | Method | Analysis Date / By |
|-------------------------------------|--------|--------------|------------|--------|------|-----------|------------------------|
| MAJOR IONS | | - | | | | | |
| Alkalinity, Total as CaCO3 | 44 | mg/L | | 1 | | A2320 B | 05/11/09 23:25 / ljl |
| Carbonate as CO3 | 4 | mg/L | | 1 | | A2320 B | 05/11/09 23:25 / ljl |
| Bicarbonate as HCO3 | 46 | mg/L | В | 1 | | A2320 B | 05/11/09 23:25 / ljl |
| Calcium | 34 | mg/L | | 1 | | E200.7 | 05/07/09 18:13 / rdw |
| Chloride | 11 | mg/L | | 1 | | E300.0 | 05/19/09 01:20 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 14:16 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 05/07/09 18:13 / rdw |
| Nitrogen, Ammonia as N | 0.06 | mg/L | | 0.05 | | E350.1 | 05/08/09 10:24 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/08/09 13:34 / eli-b |
| Potassium | 11 | mg/L | | 1 | | E200.7 | 05/07/09 18:13 / rdw |
| Silica | 14.8 | mg/L | | 0.2 | | E200.7 | 05/13/09 16:42 / cp |
| Sodium | 38 | mg/L | | 1 | | E200.7 | 05/07/09 18:13 / rdw |
| Sulfate | 115 | mg/L | | 1 | | E300.0 | 05/19/09 01:20 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 426 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:33 / dd |
| pH | 9.34 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:33 / dd |
| Solids, Total Dissolved TDS @ 180 C | 278 | mg/L | | 10 | | A2540 C | 05/06/09 16:31 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | 0.1 | mg/L | | 0.1 | | E200.8 | 05/08/09 16:13 / ts |
| Arsenic | 0.011 | mg/L | | 0.001 | | E200.8 | 05/08/09 16:13 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 18:13 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 16:42 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 16:13 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 16:13 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 16:13 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/07/09 18:13 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 16:13 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 18:13 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 16:13 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 16:13 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 16:13 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 16:13 / ts |
| Uranium | 0.0064 | mg/L | | 0.0003 | | E200.8 | 05/08/09 16:13 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 16:13 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 16:13 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | Ð | 0.07 | | E200.7 | 05/13/09 22:14 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/13/09 22:14 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

Client Sample ID: MU-112

C09050144-014

Report Date: 07/02/09

Collection Date: 05/05/09 DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | | | 0 . 1/0 | Б. | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|--------------|------------|----|-------------|-------------|----------------------|
| | Result | Units | Qualifiers | RL | QUL | Metuod | Allalysis Date / Dy |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 16.6 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha precision (±) | 2.0 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta | 13.9 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/01/09 22:25 / cgr |
| Radium 226 | 1.8 | pCi/L | | | | E903.0 | 05/26/09 18:00 / trs |
| Radium 226 precision (±) | 0.28 | pCi/L | | | | E903.0 | 05/26/09 18:00 / trs |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 05/26/09 18:00 / trs |
| Radium 228 | 2.4 | pCi/L | | | | RA-05 | 05/19/09 14:50 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/19/09 14:50 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/19/09 14:50 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 1.40 | % | | | | Calculation | 05/20/09 13:02 / kbh |
| Anions | 3.59 | meq/L | | | | Calculation | 05/20/09 13:02 / kbh |
| Cations | 3.69 | meg/L | | | | Calculation | 05/20/09 13:02 / kbh |
| Solids, Total Dissolved Calculated | 255 | mg/L | | | | Calculation | 05/20/09 13:02 / kbh |
| TDS Balance (0.80 - 1.20) | 1.09 | - | | | | Calculation | 05/20/09 13:02 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

Client Sample ID: MO-113

C09050144-015

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 104 | mg/L | | 1 | | A2320 B | 05/11/09 23:32 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/11/09 23:32 / ljl |
| Bicarbonate as HCO3 | 126 | mg/L | | 1 | | A2320 B | 05/11/09 23:32 / ljl |
| Calcium | 49 | mg/L | | 1 | | E200.7 | 05/07/09 18:18 / rdw |
| Chloride | 7 | mg/L | | 1 | | E300.0 | 05/19/09 01:36 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 14:19 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/07/09 18:18 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 10:25 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.16 | mg/L | | 0.05 | | E353.2 | 05/11/09 10:43 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/07/09 18:18 / rdw |
| Silica | 14.5 | mg/L | | 0.2 | | E200.7 | 05/13/09 16:46 / cp |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 05/07/09 18:18 / rdw |
| Sulfate | 102 | mg/L | | 1 | | E300.0 | 05/19/09 01:36 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 446 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:35 / dd |
| pH | 8.22 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:35 / dd |
| Solids, Total Dissolved TDS @ 180 C | 292 | mg/L | | 10 | | A2540 C | 05/06/09 16:31 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 16:46 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 18:29 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 18:18 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 16:46 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 18:29 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 18:29 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 18:29 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/07/09 18:18 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 18:29 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 18:18 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 18:29 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 18:29 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 18:29 / ts |
| Selenium | 0.043 | mg/L | | 0.001 | | E200.8 | 05/08/09 18:29 / ts |
| Uranium | 0.629 | mg/L | | 0.0003 | | E200.8 | 05/08/09 18:29 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 18:29 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 18:29 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/13/09 22:18 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/13/09 22:18 / cp |

Report

RL - Analyte reporting limit.

Definitions: QCL - Quality control limit. MCL - Maximum contaminant level.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-015

Client Sample ID: MO-113

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | - | | <u>-</u> | | | | |
| Gross Alpha | 612 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Alpha precision (±) | 10.3 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Beta | 237 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Beta precision (±) | 4.3 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Radium 226 | 34 | pCi/L | | | | E903.0 | 05/26/09 18:00 / trs |
| Radium 226 precision (±) | 1.1 | pCi/L | | | | E903.0 | 05/26/09 18:00 / trs |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 05/26/09 18:00 / trs |
| Radium 228 | 1.9 | pCi/L | | | | RA-05 | 05/19/09 14:50 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/19/09 14:50 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/19/09 14:50 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.92 | % | | | | Calculation | 05/20/09 13:03 / kbh |
| Anions | 4.41 | meq/L | | | | Calculation | 05/20/09 13:03 / kbh |
| Cations | 3.99 | meq/L | | | | Calculation | 05/20/09 13:03 / kbh |
| Solids, Total Dissolved Calculated | 273 | mg/L | | | | Calculation | 05/20/09 13:03 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 05/20/09 13:03 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-016

Client Sample ID: MU-113

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL_ | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 67 | mg/L | | 1 | | A2320 B | 05/11/09 23:39 / lji |
| Carbonate as CO3 | 2 | mg/L | | 1 | | A2320 B | 05/11/09 23:39 / Ijl |
| Bicarbonate as HCO3 | 77 | mg/L | | 1 | | A2320 B | 05/11/09 23:39 / ljl |
| Calcium | 45 | mg/L | | 1 | | E200.7 | 05/07/09 18:33 / rdw |
| Chloride | 11 | mg/L | | 1 | | E300.0 | 05/19/09 01:51 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 14:22 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 05/07/09 18:33 / rdw |
| Nitrogen, Ammonia as N | 0.06 | mg/L | | 0.05 | | E350.1 | 05/08/09 10:26 / eli-t |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/11/09 10:45 / eli-t |
| Potassium | 11 | mg/L | | 1 | | E200.7 | 05/07/09 18:33 / rdw |
| Silica | 14.1 | mg/L | | 0.2 | | E200.7 | 05/13/09 16:50 / cp |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 05/07/09 18:33 / rdw |
| Sulfate | 117 | mg/L | | 1 | | E300.0 | 05/19/09 01:51 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 463 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:36 / dd |
| pH | 9.08 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:36 / dd |
| Solids, Total Dissolved TDS @ 180 C | 292 | mg/L | | 10 | | A2540 C | 05/06/09 16:31 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 16:50 / cp |
| Arsenic | 0.018 | mg/L | | 0.001 | | E200.8 | 05/08/09 18:36 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 18:33 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 16:50 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 18:36 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 18:36 / ts |
| ' | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 18:36 / ts |
| Copper | ND | mg/L | | 0.03 | | E200.7 | 05/07/09 18:33 / rdw |
| Iron Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 18:36 / ts |
| | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 18:33 / rdw |
| Manganese | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 18:36 / ts |
| Mercury | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 18:36 / ts |
| Molybdenum | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 18:36 / ts |
| Nickel | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 18:36 / ts |
| Selenium | 0.0254 | mg/L | | 0.0003 | | E200.8 | 05/08/09 18:36 / ts |
| Uranium | 0.0254 ND | mg/L | | 0.1 | | E200.8 | 05/08/09 18:36 / ts |
| Vanadium Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 18:36 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/13/09 22:22 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/13/09 22:22 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-016

Client Sample ID: MU-113

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 32.0 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Alpha precision (±) | 2.6 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Beta | 21.9 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Beta precision (±) | 2.1 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Radium 226 | 3,1 | pCi/L | | | | E903.0 | 05/26/09 18:00 / trs |
| Radium 226 precision (±) | 0.35 | pCi/L | | | | E903.0 | 05/26/09 18:00 / trs |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 05/26/09 18:00 / trs |
| Radium 228 | 4.2 | pCi/L | | | | RA-05 | 05/19/09 14:50 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/19/09 14:50 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/19/09 14:50 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.986 | % | | | | Calculation | 05/20/09 13:03 / kbh |
| Anions | 4.09 | meq/L | | | | Calculation | 05/20/09 13:03 / kbh |
| Cations | 4.01 | meq/L | | | | Calculation | 05/20/09 13:03 / kbh |
| Solids, Total Dissolved Calculated | 276 | mg/L | | | | Calculation | 05/20/09 13:03 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | - | | | | Calculation | 05/20/09 13:03 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-017

Client Sample ID: MO-111

Report Date: 07/02/09

Collection Date: 05/05/09 DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 101 | mg/L | | 1 | | A2320 B | 05/12/09 00:10 / ljl |
| Carbonate as CO3 | 5 | mg/L | | 1 | | A2320 B | 05/12/09 00:10 / ljl |
| Bicarbonate as HCO3 | 113 | mg/L | | 1 | | A2320 B | 05/12/09 00:10 / ljl |
| Calcium | 51 | mg/L | | 1 | | E200.7 | 05/07/09 18:38 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/19/09 02:07 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 14:26 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/07/09 18:38 / rdw |
| Nitrogen, Ammonia as N | 0.06 | mg/L | | 0.05 | | E350.1 | 05/08/09 10:27 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/11/09 10:46 / eli-b |
| Potassium | 8 | mg/L | | 1 | | E200.7 | 05/07/09 18:38 / rdw |
| | 13.4 | mg/L | | 0.2 | | E200.7 | 05/13/09 16:54 / cp |
| Silica | 33 | mg/L | | 1 | | E200.7 | 05/07/09 18:38 / rdw |
| Sodium Sulfate | 126 | mg/L | | 1 | | E300.0 | 05/19/09 02:07 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| | 499 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:38 / dd |
| Conductivity | 8.73 | S.U. | | 0.01 | | A4500-H B | 05/06/09 14:38 / dd |
| pH | 310 | mg/L | | 10 | | A2540 C | 05/06/09 16:32 / rp |
| Solids, Total Dissolved TDS @ 180 C | 310 | mg/L | | 10 | | , | |
| METALS - DISSOLVED | | | | 0.1 | | E200.8 | 05/08/09 20:25 / ts |
| Aluminum | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 20:25 / ts |
| Arsenic | 0.011 | mg/L | | 0.001 | | E200.7 | 05/07/09 18:38 / rdw |
| Barium | ND | mg/L | | | | E200.7 | 05/13/09 16:54 / cp |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/08/09 20:25 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 20:25 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 20:25 / ts |
| Copper | ND | mg/L | | 0.01 | | | 05/07/09 18:38 / rdw |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/08/09 20:25 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/07/09 18:38 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 20:25 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 20:25 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 20:25 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 20:25 / ts |
| Uranium | 0.424 | mg/L | | 0.0003 | | E200.8 | 05/08/09 20:25 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 20:25 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 05/08/09 20:25 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/13/09 22:26 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/13/09 22:26 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-017

Client Sample ID: MO-111

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | - | | | | | | |
| Gross Alpha | 1060 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Alpha precision (±) | 13.7 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Beta | 544 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Beta precision (±) | 6.2 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Radium 226 | 360 | pCi/L | | | | E903.0 | 05/26/09 18:00 / trs |
| Radium 226 precision (±) | 3.5 | pCi/L | | | | E903.0 | 05/26/09 18:00 / trs |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 05/26/09 18:00 / trs |
| Radium 228 | 5.1 | pCi/L | | | | RA-05 | 05/19/09 14:50 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/19/09 14:50 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/19/09 14:50 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -5.01 | % | | | | Calculation | 05/20/09 13:04 / kbh |
| Anions | 4.81 | meq/L | | | | Calculation | 05/20/09 13:04 / kbh |
| Cations | 4.35 | meq/L | | | | Calculation | 05/20/09 13:04 / kbh |
| Solids, Total Dissolved Calculated | 303 | mg/L | | | | Calculation | 05/20/09 13:04 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | - | | | | Calculation | 05/20/09 13:04 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-018

Client Sample ID: MO-112

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|-----------|---------------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | · · · · · | - | | | | | |
| Alkalinity, Total as CaCO3 | 43 | mg/L | | 1 | | A2320 B | 05/12/09 00:17 / ljl |
| Carbonate as CO3 | 6 | mg/L | | 1 | | A2320 B | 05/12/09 00:17 / ljl |
| Bicarbonate as HCO3 | 41 | mg/L | В | 1 | | A2320 B | 05/12/09 00:17 / ljl |
| Calcium | 30 | mg/L | | 1 | | E200.7 | 05/07/09 18:43 / rdw |
| Chloride | 9 | mg/L | | 1 | | E300.0 | 05/19/09 02:22 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 14:29 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/07/09 18:43 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 10:29 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.31 | mg/L | | 0.05 | | E353.2 | 05/11/09 10:47 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/07/09 18:43 / rdw |
| Silica | 14.9 | mg/L | | 0.2 | | E200.7 | 05/13/09 16:58 / cp |
| Sodium | 27 | mg/L | | 1 | | E200.7 | 05/07/09 18:43 / rdw |
| Sulfate | 87 | mg/L | | 1 | | E300.0 | 05/19/09 02:22 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 322 | umhos/cm | | 1 | | A2510 B | 05/06/09 14:39 / dd |
| pH | 9.36 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:39 / dd |
| Solids, Total Dissolved TDS @ 180 C | 205 | mg/L | | 10 | | A2540 C | 05/06/09 16:32 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 20:32 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/08/09 20:32 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 18:43 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 16:58 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 20:32 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 20:32 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 20:32 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/07/09 18:43 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 20:32 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 18:43 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 20:32 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 20:32 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 20:32 / ts |
| Selenium | 0.030 | mg/L | | 0.001 | | E200.8 | 05/08/09 20:32 / ts |
| Uranium | 0.146 | mg/L | | 0.0003 | | E200.8 | 05/08/09 20:32 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 20:32 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 20:32 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/13/09 22:30 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/13/09 22:30 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

C09050144-018 Lab ID:

Client Sample ID: MO-112

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|---------|------------|----|-------------|-------------|----------------------|
| | | - Cinto | | | · · | | <u> </u> |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 148 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Alpha precision (±) | 4.7 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Beta | 56.8 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Beta precision (±) | 2.6 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 06/03/09 01:01 / cgr |
| Radium 226 | 0.74 | pCi/L | | | | E903.0 | 05/26/09 18:00 / trs |
| Radium 226 precision (±) | 0.20 | pCi/L | | | | E903.0 | 05/26/09 18:00 / trs |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 05/26/09 18:00 / trs |
| Radium 228 | 0.6 | pCi/L | U | | | RA-05 | 05/19/09 14:50 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/19/09 14:50 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/19/09 14:50 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.89 | % | | | | Calculation | 05/20/09 13:04 / kbh |
| Anions | 2.96 | meq/L | | | | Calculation | 05/20/09 13:04 / kbh |
| Cations | 2.85 | meq/L | | | | Calculation | 05/20/09 13:04 / kbh |
| Solids, Total Dissolved Calculated | 203 | mg/L | | | | Calculation | 05/20/09 13:04 / kbh |
| TDS Balance (0.80 - 1.20) | 1.01 | | | | | Calculation | 05/20/09 13:04 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-019

Client Sample ID: M-132

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09 Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|-------------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 2 | mg/L | В | 1 | | A2320 B | 05/12/09 00:22 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/12/09 00:22 / ljl |
| Bicarbonate as HCO3 | 2 | mg/L | В | 1 | | A2320 B | 05/12/09 00:22 / ljl |
| Calcium | ND | mg/L | | 1 | | E200.7 | 05/07/09 18:48 / rdw |
| Chloride | ND | mg/L | | 1 | | E300.0 | 05/19/09 02:37 / ljl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 05/11/09 14:42 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 05/07/09 18:48 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 10:32 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/08/09 13:21 / eli-b |
| Potassium | ND | mg/L | | 1 | | E200.7 | 05/07/09 18:48 / rdw |
| Silica | ND | mg/L | | 0.2 | | E200.7 | 05/13/09 17:02 / cp |
| Sodium | ND | mg/L | | 1 | | E200.7 | 05/07/09 18:48 / rdw |
| Sulfate | ND | mg/L | | 1 | | E300.0 | 05/19/09 02:37 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 8 | umhos/cm | В | 1 | | A2510 B | 05/06/09 14:43 / dd |
| pH | 6.68 | s.u. | | 0.01 | | A4500-H B | 05/06/09 14:43 / dd |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | | 10 | | A2540 C | 05/06/09 16:32 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 20:39 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 20:39 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/07/09 18:48 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/13/09 17:02 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 20:39 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 20:39 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 20:39 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/07/09 18:48 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 20:39 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/07/09 18:48 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 20:39 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 20:39 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 20:39 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 20:39 / ts |
| Uranium | ND | mg/L | | 0.0003 | | E200.8 | 05/08/09 20:39 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 20:39 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 20:39 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 05/13/09 23;23 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/13/09 23:23 / cp |

Report

RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050144-019

Client Sample ID: M-132

Report Date: 07/02/09

Collection Date: 05/05/09

DateReceived: 05/06/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | MCL/ RL QCL | Method | Analysis Date / By |
|---------------------------|---------|-------|------------|----------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | |
| Gross Alpha | 0.02 | pCi/L | U | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Alpha precision (±) | 0.5 | pCi/L | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Alpha MDC | 0.9 | pCi/L | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Beta | -3 | pCi/L | U | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Beta precision (±) | 1.6 | pCi/L | | | E900.0 | 06/03/09 01:01 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | E900.0 | 06/03/09 01:01 / cgr |
| Radium 226 | -0.1 | pCi/L | U | | E903.0 | 05/26/09 18:00 / trs |
| Radium 226 precision (±) | 0.08 | pCi/L | | | E903.0 | 05/26/09 18:00 / trs |
| Radium 226 MDC | 0.18 | pCi/L | | | E903.0 | 05/26/09 18:00 / trs |
| Radium 228 | -0.3 | pCi/L | U | | RA-05 | 05/19/09 14:50 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | RA-05 | 05/19/09 14:50 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | RA-05 | 05/19/09 14:50 / plj |
| DATA QUALITY | | | | | | |
| A/C Balance (± 5) | -64.6 | % | | | Calculation | 05/20/09 13:06 / kbh |
| Anions | 0.0409 | meq/L | | | Calculation | 05/20/09 13:06 / kbh |
| Cations | 0.00879 | meq/L | | | Calculation | 05/20/09 13:06 / kbh |

⁻ The ion balance is not appropriate for near blank results.

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09 **Work Order:** C09050144

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--|----------------------|---------------------------|-----|------|-----------|----------------|-----------|------------|------------|
| Method: A2320 B | | | | | | | | Batch | : R118037 |
| Sample ID: MBLK | Method Blank | | | | Run: MANT | TECH_090511B | | 05/1 | 1/09 16:50 |
| Alkalinity, Total as CaCO3 | 4 | mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | ND | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | 5 | mg/L | 1 | | | | | | |
| Sample ID: LCS1 | Laboratory Cor | ntrol Sample | | | Run: MAN | TECH_090511B | | 05/1 | 1/09 17:05 |
| Alkalinity, Total as CaCO3 | 207 | mg/L | 5.0 | 102 | 90 | 110 | | | |
| Sample ID: LCS | Laboratory Cor | ntrol Sample | | | Run: MAN | TECH_090511B | | 05/1 | 1/09 17:12 |
| Alkalinity, Total as CaCO3 | 52.8 | mg/L | 5.0 | 98 | 90 | 110 | | | |
| Sample ID: C09050144-001AMS | Sample Matrix | Spike | | | Run: MAN | FECH_090511B | | 05/1 | 1/09 21:20 |
| Alkalinity, Total as CaCO3 | 240 | mg/L | 5.0 | 102 | 80 | 120 | | | |
| Sample ID: C09050144-001AMSD | Sample Matrix | Spike Duplicate | | | Run: MAN | TECH_090511B | | 05/1 | 1/09 21:28 |
| Alkalinity, Total as CaCO3 | 239 | mg/L | 5.0 | 101 | 80 | 120 | 0.3 | 20 | |
| Sample ID: C09050144-011AMS | Sample Matrix | Snike | | | Run: MAN | TECH_090511B | | 05/1 | 1/09 22:57 |
| Alkalinity, Total as CaCO3 | 216 | mg/L | 5.0 | 100 | 80 | 120 | | | |
| Sample ID: C09050144-011AMSD | Sample Matrix | Spike Duplicate | | | Run: MAN | TECH_090511B | | 05/1 | 1/09 23:05 |
| Alkalinity, Total as CaCO3 | 219 | mg/L | 5.0 | 102 | | 120 | 1.2 | 20 | |
| - | Sample Matrix | Snike | | | Run: MAN | TECH_090511B | | 05/1 | 2/09 00:46 |
| Sample ID: C09050153-001AMS Alkalinity, Total as CaCO3 | 305 | mg/L | 5.0 | 91 | 80 | 120 | | | |
| - | Campula Madriy | · Cniko Dunligato | | | Run: MAN | TECH_090511B | | 05/1 | 2/09 00:5 |
| Sample ID: C09050153-001AMSD Alkalinity, Total as CaCO3 | Sample Matrix 304 | : Spike Duplicate mg/L | 5.0 | 91 | | 120 | 0.3 | | _,_,_, |
| | | | | | | Analytics | d Run | ORION555A | . 090506F |
| Method: A2510 B | | | | | | Analytica | ii reaii. | | |
| Sample ID: ICV2_090506_2 | | on Verification Sta | | 108 | 90 | 110 | | 05/0 | 6/09 13:4 |
| Conductivity | 1530 (| ımhos/cm | 1.0 | 100 | | | | | |
| Method: A2510 B | | | | | | Ва | tch: 09 | 0506_2_PH- | W_555A- |
| Sample ID: MBLK1_090506_2 | Method Blank | | | | Run: ORIC | N555A_090506E | 3 | 05/0 | 6/09 13:4 |
| Conductivity | 2 (| ımhos/cm | 0.2 | | | | | | |
| Sample ID: C09050144-010ADUP | Sample Duplic | cate | | | Run: ORIC | N555A_090506F | 3 | 05/0 | 6/09 14:2 |
| Conductivity | • | ımhos/cm | 1.0 | | | | 0 | 10 | |
| Sample ID: C09050144-019ADUP | Sample Duplic | cate | | | Run: ORIO | ON555A_090506E | 3 | 05/0 | 6/09 14:4 |
| Sample ID. Cososo 144-0 18ADOP | | umhos/cm | 1.0 | | | - | 1.2 | 10 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09 Work Order: C09050144

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|----------------|-----------------|----|------|------------|------------|------------|------------|------------|
| Method: A2540 C | | | | | | | Batch: 096 | 0506_1_SLD | s-TDS-W |
| Sample ID: MBLK1_090506 | Method Blank | | | | Run: BAL-1 | _090506B | | 05/06 | /09 13:50 |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | 6 | | | | | | |
| Sample ID: LCS1_090506 | Laboratory Cor | trol Sample | | | Run: BAL-1 | _090506B | | 05/06 | 6/09 13:50 |
| Solids, Total Dissolved TDS @ 180 C | 1000 | mg/L | 10 | 100 | 90 | 110 | | | |
| Sample ID: C09050141-002AMS | Sample Matrix | Spike | | | Run: BAL-1 | _090506B | | 05/06 | 6/09 13:54 |
| Solids, Total Dissolved TDS @ 180 C | 15800 | mg/L | 10 | 102 | 90 | 110 | | | |
| Sample ID: C09050141-002AMSD | Sample Matrix | Spike Duplicate | | | Run: BAL-1 | _090506B | | | 6/09 13:54 |
| Solids, Total Dissolved TDS @ 180 C | 15800 | mg/L | 10 | 103 | 90 | 110 | 0.4 | 10 | |
| Sample ID: C09050144-006AMS | Sample Matrix | Spike | | | Run: BAL-1 | _090506B | | 05/06 | 3/09 16:27 |
| Solids, Total Dissolved TDS @ 180 C | 2360 | mg/L | 10 | 102 | 90 | 110 | | | |
| Sample ID: C09050144-006AMSD | Sample Matrix | Spike Duplicate | | | Run: BAL-1 | _090506B | | 05/06 | 6/09 16:28 |
| Solids, Total Dissolved TDS @ 180 C | 2350 | mg/L | 10 | 102 | 90 | 110 | 0.1 | 10 | |
| Sample ID: C09050144-016AMS | Sample Matrix | Spike | | | Run: BAL-1 | _090506B | | 05/06 | 6/09 16:31 |
| Solids, Total Dissolved TDS @ 180 C | 2310 | mg/L | 10 | 101 | 90 | 110 | | | |
| Sample ID: C09050144-016AMSD | Sample Matrix | Spike Duplicate | | | Run: BAL-1 | L_090506B | | 05/06 | 3/09 16:32 |
| Solids, Total Dissolved TDS @ 180 C | 2300 | mg/L | 10 | 101 | 90 | 110 | 0.3 | 10 | |
| Sample ID: C09050144-019AMS | Sample Matrix | Spike | | | Run: BAL-1 | I_090506B | | 05/06 | 6/09 16:33 |
| Solids, Total Dissolved TDS @ 180 C | 2030 | mg/L | 10 | 102 | 90 | 110 | | | |
| Sample ID: C09050144-019AMSD | Sample Matrix | Spike Duplicate | | | Run: BAL-1 | _ | | | 3/09 16:33 |
| Solids, Total Dissolved TDS @ 180 C | 2030 | mg/L | 10 | 102 | 90 | 110 | 0.1 | 10 | |



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050144

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLImit | Qual |
|--------------|-------------------|------------------|---------------------|--------|------|-----------|----------------|---------|------------|------------|
| Method: A | 4500-F C | | | | | | | | Batch: | R118028 |
| Sample ID: | MBLK-1 | Method Blank | | | | Run: MAN | TECH_090511A | | 05/11 | /09 10:42 |
| Fluoride | ···· | ND | mg/L | 0.05 | | | | | | |
| Sample ID: | LCS-1 | Laboratory Co | ntrol Sample | | | Run: MAN | TECH_090511A | | 05/11 | 1/09 10:45 |
| Fluoride | | 1.02 | mg/L | 0.10 | 102 | 90 | 110 | | | |
| Sample ID: 0 | C09050081-022AMS | Sample Matrix | Spike | | | Run: MAN | TECH_090511A | | 05/11 | 1/09 12:57 |
| Fluoride | | 0.980 | mg/L | 0.10 | 98 | 80 | 120 | | | |
| Sample ID: | C09050081-022AMSD | Sample Matrix | Spike Duplicate | | | Run: MAN | TECH_090511A | | 05/11 | 1/09 13:00 |
| Fluoride | 00000001 022 | 1.00 | mg/L | 0.10 | 100 | 80 | 120 | 2 | 10 | |
| Sample ID: | C09050144-008AMS | Sample Matrix | ∢Spike | | | Run: MAN | TECH_090511A | | 05/1 | 1/09 13:43 |
| Fluoride | | 1,12 | mg/L | 0.10 | 99 | 80 | 120 | | | |
| Sample ID: | C09050144-008AMSD | Sample Matrix | Spike Duplicate | | | Run: MAN | TECH_090511A | | 05/1 | 1/09 13:46 |
| Fluoride | | 1.14 | mg/L | 0.10 | 101 | 80 | 120 | 1.8 | 10 | |
| Sample ID: | C09050144-018AMS | Sample Matrix | c Spike | | | Run: MAN | TECH_090511A | | 05/1 | 1/09 14:32 |
| Fluoride | | 1.21 | mg/L | 0.10 | 99 | 80 | 120 | | | |
| Sample ID: | C09050144-018AMSD | Sample Matrix | x Spike Duplicate | | | Run: MAN | TECH_090511A | | 05/1 | 1/09 14:35 |
| Fluoride | | 1.21 | mg/L | 0.10 | 99 | 80 | 120 | 0 | 10 | |
| Method: A | A4500-H B | | | | | | Analytica | ıl Run: | ORION555A | _090506E |
| Sample ID: | ICV1_090506_2 | Initial Calibrat | ion Verification St | andard | | | | | 05/0 | 6/09 13:43 |
| рН | _ | 6.98 | s.u. | 0.010 | 102 | 98 | 102 | | | |
| Method: | A4500-H B | | | | | | Ва | tch: 09 | 0506_2_PH- | W_555A- |
| Sample ID: | C09050144-010ADUP | Sample Dupli | cate | | | Run: ORIO | N555A_090506E | | | 6/09 14:20 |
| рН | | 8.78 | s.u. | 0.010 | | | | 0 | 10 | |
| Sample ID: | C09050144-019ADUP | Sample Dupli | cate | | | Run: ORIG | ON555A_090506E | | • • • • | 6/09 14:4 |
| рН | | 6.66 | s.u. | 0.010 | | | | 0.3 | 10 | |



UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050144

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLImit | Qual |
|------------------------|---------------------|----------------|-----------------|-------|------|------------|------------|-----|----------|------------|
| Method: | E200.7 | | | | | <u></u> | | | Batch | : R11791 |
| Sample ID: | LRB | Method Blank | | | | Run: ICP3- | C_090507A | | 05/0 | 7/09 12:17 |
| Barium | | ND | mg/L | 0.003 | | | | | | |
| Calcium | | 0.2 | mg/L | 0.2 | | | | | | |
| Iron | | 0.04 | mg/L | 0.01 | | | | | | |
| Magnesium | ı | 0.2 | mg/L | 0.2 | | | | | | |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Potassium | • | 0.03 | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID | IER | Laboratory For | tified Blank | | | Run: ICP3- | -C_090507A | | 05/0 | 7/09 12:2: |
| Barium | | 0.986 | mg/L | 0.10 | 99 | 85 | 115 | | | |
| Calcium | | 47.5 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Iron | | 5.02 | mg/L | 0.030 | 100 | 85 | 115 | | | |
| | | 47.8 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Magnesium | | 4.85 | mg/L | 0.010 | 97 | 85 | 115 | | | |
| Manganese Potassium | ; | 46.6 | mg/L | 0.50 | 93 | 85 | 115 | | | |
| | | 47.6 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Sodium | | 47.0 | mg/L | 0.00 | 50 | | | | | |
| Sample ID | : MB-22265 | Method Blank | | | | Run: ICP3 | -C_090507A | | 05/0 | 7/09 15:2 |
| Barium | | ND | mg/L | 0.003 | | | | | | |
| Calcium | | 0.3 | mg/L | 0.2 | | | | | | |
| Iron | | ND | mg/L | 0.01 | | | | | | |
| Magnesiun | 1 | ND | mg/L | 0.2 | | | | | | |
| Manganes | | ND | mg/L | 0.003 | | | | | | |
| Potassium | | 0.3 | mg/L | 0.03 | | | | | | |
| Sodium | | 1.0 | mg/L | 0.1 | | | | | | |
| Sample ID | : C09050144-005BMS | Sample Matrix | Spike | | | Run: ICP3 | -C_090507A | | 05/0 | 7/09 17:0 |
| Barium | | 0.439 | mg/L | 0.10 | 83 | 70 | 130 | | | |
| Calcium | | 96.6 | mg/L | 1.0 | 84 | 70 | 130 | | | |
| Iron | | 0.426 | mg/L | 0.030 | 84 | 70 | 130 | | | |
| Magnesiun | 1 | 45.1 | mg/L | 1.0 | 85 | 70 | 130 | | | |
| Manganes | | 0.428 | mg/L | 0.010 | 84 | 70 | 130 | | | |
| Potassium | | 48.7 | mg/L | 1.0 | 87 | 70 | 130 | | | |
| Sodium | | 74.5 | mg/L | 1.0 | 88 | 70 | 130 | | | |
| Sample ID | : C09050144-005BMSD | Sample Matrix | Spike Duplicate | | | Run: ICP3 | -C_090507A | | 05/0 | 7/09 17:0 |
| Barium | | 0.453 | mg/L | 0.10 | 85 | 70 | 130 | 3.1 | 20 | |
| Calcium | | 99.2 | mg/L | 1.0 | 89 | 70 | 130 | 2.6 | 20 | |
| Iron | | 0.441 | mg/L | 0.030 | 86 | 70 | 130 | 3.3 | 20 | |
| Magnesiur | n | 47.0 | mg/L | 1.0 | 89 | 70 | 130 | 4.1 | 20 | |
| Manganes | | 0.443 | mg/L | 0.010 | 87 | | 130 | 3.6 | 20 | |
| Potassium | | 50.7 | mg/L | 1.0 | 91 | | 130 | 4.1 | 20 | |
| Sodium | | 77.2 | mg/L | 1.0 | 93 | | 130 | 3.6 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc Report Date: 07/02/09

Project: Lost Creek

Work Order: C09050144

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLImit | Qual |
|------------|-------------------|---------------|-------------------|-------|------|------------|------------|-----|----------|------------|
| Method: | E200.7 | | | | | | | | Batch: | R11791 |
| Sample ID: | C09050144-015BMS | Sample Matrix | < Spike | | | Run: ICP3- | C_090507A | | 05/07 | 7/09 18:23 |
| Barium | | 0.493 | mg/L | 0.10 | 94 | 70 | 130 | | | |
| Calcium | | 93.6 | mg/L | 1.0 | 87 | 70 | 130 | | | |
| Iron | | 0.481 | mg/L | 0.030 | 94 | 70 | 130 | | | |
| Magnesium | | 47.5 | mg/L | 1.0 | 88 | 70 | 130 | | | |
| Manganese | | 0.478 | mg/L | 0.010 | 94 | 70 | 130 | | | |
| Potassium | | 47.4 | mg/L | 1.0 | 89 | 70 | 130 | | | |
| Sodium | | 75.7 | mg/L | 1.0 | 91 | 70 | 130 | | | |
| Sample ID: | C09050144-015BMSD | Sample Matrix | Spike Duplicate | | | Run: ICP3- | C_090507A | | 05/07 | //09 18:28 |
| Barium | | 0.476 | mg/L | 0.10 | 90 | 70 | 130 | 3.4 | 20 | |
| Calcium | | 92.0 | mg/L | 1.0 | 83 | 70 | 130 | 1.7 | 20 | |
| Iron | | 0.464 | mg/L | 0.030 | 91 | 70 | 130 | 3.6 | 20 | |
| Magnesium | | 47.5 | mg/L | 1.0 | 88 | 70 | 130 | 0 | 20 | |
| Manganese | | 0.465 | mg/L | 0.010 | 91 | 70 | 130 | 2.8 | 20 | |
| Potassium | | 47.2 | mg/L | 1.0 | 89 | 70 | 130 | 0.4 | 20 | |
| Sodium | | 74.7 | mg/L | 1.0 | 89 | 70 | 130 | 1.4 | 20 | |
| Method: | E200.7 | <u> </u> | | | | - | | | Batch: | R11797 |
| Sample ID: | LRB | Method Blank | | | | Run: ICP3- | C_090508A | | 05/08 | /09 15:16 |
| Iron | | 0.04 | mg/L | 0.01 | | | | | | |
| Sample ID: | LFB | Laboratory Fo | rtified Blank | | | Run: ICP3- | C_090508A | | 05/08 | 3/09 15:2 |
| Iron | | 5.16 | mg/L | 0.030 | 102 | 85 | 115 | | | |
| Sample ID: | C09050144-004CMS | Sample Matrix | k Spike | | | Run: ICP3- | C_090508A | | 05/08 | /09 20:02 |
| Iron | | 0.406 | mg/L | 0.030 | 80 | 70 | 130 | | | |
| Sample ID: | C09050144-004CMSD | Sample Matrix | k Spike Duplicate | | | Run: ICP3- | C_090508A | | 05/08 | 3/09 20:07 |
| Iron | | 0.434 | mg/L | 0.030 | 85 | 70 | 130 | 6.5 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050144

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit _ | Qual |
|--------------|--------------------|----------------|-------------------|---------------|------|------------|------------|-----|------------|-----------|
| Method: E | 200.7 | | | _ | | | | | Batch: | R118169 |
| Sample ID: | VB-090513A | Method Blank | | | | Run: ICP2- | C_090513A | | 05/13/ | /09 12:54 |
| Aluminum | | ND | mg/L | 0.01 | | | | | | |
| Boron | | ND | mg/L | 0.03 | | | | | | |
| Iron | | ND | mg/L | 0.005 | | | | | | |
| Manganese | | ND | mg/L | 0.001 | | | | | | |
| Silicon | | ND | mg/L | 0.01 | | | | | | |
| Sample ID: I | LFB-090513A | Laboratory For | tified Blank | | | Run: ICP2- | C_090513A | | 05/13 | /09 12:58 |
| Aluminum | | 0.971 | mg/L | 0.10 | 97 | 85 | 115 | | | |
| Boron | | 1.03 | mg/L | 0.10 | 103 | 85 | 115 | | | |
| Iron | | 0.961 | mg/L | 0.030 | 96 | 85 | 115 | | | |
| Manganese | | 0.940 | mg/L | 0.010 | 94 | 85 | 115 | | | |
| Silicon | | 0.457 | mg/L | 0.015 | 114 | 85 | 115 | | | |
| Sample ID: | MB-22265 | Method Blank | | | | Run: ICP2- | -C_090513A | | 05/13 | /09 14:20 |
| Aluminum | | ND | mg/L | 0.06 | | | | | | |
| Boron | | ND | mg/L | 0.06 | | | | | | |
| Iron | | ND | mg/L | 0.01 | | | | | | |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Silicon | | ND | mg/L | 0.03 | | | | | | |
| Sample ID: | C09050144-001BMS2 | Sample Matrix | Spike | | | Run: ICP2 | -C_090513A | | 05/13 | /09 14:28 |
| Aluminum | | 1.77 | mg/L | 0.10 | 87 | 70 | 130 | | | |
| Boron | | 1.98 | mg/L | 0.10 | 97 | 70 | 130 | | | |
| iron | | 1.93 | mg/L | 0.030 | 95 | 70 | 130 | | | |
| Manganese | | 1.97 | mg/L | 0.010 | 95 | | 130 | | | |
| Silicon | | 8.11 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sample ID: | C09050144-001BMSD2 | Sample Matrix | Spike Duplicate | | | | -C_090513A | | | 3/09 14:3 |
| Aluminum | | 1.82 | mg/L | 0.10 | 89 | | 130 | 3.1 | 20 | |
| Boron | | 2.03 | mg/L | 0.10 | 99 | 70 | 130 | 2.3 | 20 | |
| Iron | | 1.94 | mg/L | 0.030 | 95 | | 130 | 0.5 | 20 | |
| Manganese | | 1.94 | mg/L | 0.010 | 94 | 70 | 130 | 1.8 | 20 | |
| Silicon | | 8,18 | mg/L | 0.10 | | 70 | 130 | 1 | 20 | Α |
| Sample ID: | C09050144-011BMS2 | Sample Matrix | c Spike | | | | -C_090513A | | 05/13 | 3/09 15:3 |
| Aluminum | | 1.91 | mg/L | 0.10 | 94 | | 130 | | | |
| Boron | | 1.86 | mg/L | 0.10 | 91 | | 130 | | | |
| Iron | | 1.84 | mg/L | 0.030 | 90 | | 130 | | | |
| Manganese | | 1.86 | mg/L | 0.010 | 91 | | 130 | | | |
| Silicon | | 6.41 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sample ID: | C09050144-011BMSD2 | Sample Matrix | k Spike Duplicate | | | | -C_090513A | | | 3/09 15:3 |
| Aluminum | | 1.88 | mg/L | 0.10 | 92 | | 130 | 1.6 | 20 | |
| Boron | | 1.92 | mg/L | 0.10 | 94 | 70 | 130 | 2.8 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050144

RPD RPDLimit Qual RL %REC Low Limit High Limit Result Units Analyte Batch: R118169 Method: E200.7 05/13/09 15:37 Run: ICP2-C_090513A Sample Matrix Spike Duplicate Sample ID: C09050144-011BMSD2 2 20 130 0.030 92 70 1.88 mg/L Iron 2 20 70 130 93 0.010 1.89 mg/L Manganese 1.3 20 Α 130 70 0.10 mg/L 6.49 Silicon 05/13/09 21:33 Run: ICP2-C_090513A Sample Matrix Spike Sample ID: C09050144-009CMS2 89 70 0.16 1.82 mg/L Aluminum 70 130 0.10 105 2.14 mg/L Boron 70 130 0.067 96 1.97 mg/L Iron 130 70 98 0.014 2.00 mg/L Manganese Α 130 70 0.10 8.42 mg/L Silicon 05/13/09 21:37 Run: ICP2-C_090513A Sample Matrix Spike Duplicate Sample ID: C09050144-009CMSD2 6.5 20 130 95 70 mg/L 0.16 1.94 Aluminum 20 0.7 70 130 106 mg/L 0.10 2.16 Boron 20 0.5 70 130 0.067 96 1.96 mg/L Iron 20 130 0.4 0.014 98 70 1,99 mg/L Manganese 20 Α 0 70 130 0.10 8.42 mg/L Silicon 05/13/09 23:27 Run: ICP2-C_090513A Sample Matrix Spike Sample ID: C09050144-019CMS2 130 0.16 102 70 2.08 mg/L Aluminum 0.10 105 70 130 mg/L 2.14 Boron 99 70 130 0.067 2,03 mg/L Iron 70 130 0.014 99 2.03 mg/L Manganese 70 130 113 0.10 0.921 mg/L Silicon 05/13/09 23:31 Run: ICP2-C_090513A Sample Matrix Spike Duplicate Sample ID: C09050144-019CMSD2 6.3 20 70 130 96 0.16 1.95 mg/L Aluminum 20 130 1.4 103 70 0.10 2.11 mg/L Boron 130 20 98 70 2.01 0.067 mg/L Iron 20 130 0.3 70 0.014 99 2.02 mg/L Manganese 20 130 112 70 1 0.912 0.10 mg/L Silicon

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050144

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---------------------|-----------------|-------------|---------|------|-----------|---------------|-----|----------|-----------|
| Method: E200.8 | | | | | | - | | Batch | : R11796 |
| Sample ID: LRB | Method Blank | | | | Run: ICPM | S2-C_090508B | | 05/08 | 3/09 12:1 |
| Aluminum | ND | mg/L | 0.002 | | | | | | |
| Arsenic | ND | mg/L | 0.0003 | | | | | | |
| Cadmium | ND | mg/L | 6E-05 | | | | | | |
| Chromium | ND | mg/L | 8E-05 | | | | | | |
| Copper | 4E-05 | mg/L | 4E-05 | | | | | | |
| Lead | ND | mg/L | 2E-05 | | | | | | |
| Mercury | ND | mg/L | 4E-05 | | | | | | |
| Molybdenum | ND | mg/L | 4E-05 | | | | | | |
| Nickel | ND | mg/L | 9E-05 | | | | | | |
| Selenium | ND | mg/L | 0.001 | | | | | | |
| Uranium | ND | mg/L | 8E-06 | | | | | | |
| Vanadium | ND | mg/L | 9E-05 | | | | | | |
| Zinc | 0.0008 | mg/L | 6E-05 | | | | | | |
| Sample ID: LFB | Laboratory Fort | ified Blank | | | | S2-C_090508B | | 05/0 | 8/09 12:2 |
| Aluminum | 0.0492 | mg/L | 0.0022 | 98 | 85 | 115 | | | |
| Arsenic | 0.0533 | mg/L | 0.0010 | 107 | 85 | 115 | | | |
| Cadmium | 0.0518 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Chromium | 0.0519 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Copper | 0.0502 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Lead | 0.0521 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Mercury | 0.00532 | mg/L | 0.0010 | 106 | 85 | 115 | | | |
| Molybdenum | 0.0525 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Nickel | 0.0505 | mg/L | 0.0010 | 101 | 85 | 115 | | | |
| Selenium | 0.0522 | mg/L | 0.0014 | 104 | 85 | 115 | | | |
| Uranium | 0.0526 | mg/L | 0.00030 | 105 | 85 | 115 | | | |
| Vanadium | 0.0524 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Zinc | 0.0532 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Sample ID: MB-22265 | Method Blank | | | | Run: ICPN | IS2-C_090508B | | 05/0 | 8/09 12:3 |
| Aluminum | 0.0003 | mg/L | 0.0001 | | | | | | |
| Arsenic | ND | mg/L | 6E-05 | | | | | | |
| Cadmium | ND | mg/L | 1E-05 | | | | | | |
| Chromium | 0.0001 | mg/L | 4E-05 | | | | | | |
| Copper | 0.0001 | mg/L | 7E-05 | | | | | | |
| Lead | ND | mg/L | 3E-05 | | | | | | |
| Mercury | ND | mg/L | 8E-05 | | | | | | |
| Molybdenum | ND | mg/L | 5E-05 | | | | | | |
| Nickel | ND | mg/L | 0.0007 | | | | | | |
| Selenium | ND | mg/L | 0.0002 | | | | | | |
| Uranium | ND | mg/L | 1E-05 | | | | | | |
| Vanadium | 5E-05 | mg/L | 3E-05 | | | | | | |
| Zinc | 0.003 | mg/L | 0.0003 | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 07/02/09

Project: Lost Creek Work Order: C09050144

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---------------|---------------------|---------------|------------|---------|------|-----------|---------------|-----|----------|------------|
| Method: | E200.8 | | | | | | | | Batch: | R117966 |
| Sample ID: | C09050144-004BMS4 | Sample Matrix | Spike | | | Run: ICPM | S2-C_090508B | | 05/08 | 1/09 14:18 |
| Aluminum | 000000111 00 12 | 0.0546 | mg/L | 0.050 | 103 | 70 | 130 | | | |
| Arsenic | | 0.0553 | mg/L | 0.0010 | 108 | 70 | 130 | | | |
| Cadmium | | 0.0525 | mg/L | 0.010 | 105 | 70 | 130 | | | |
| Chromium | | 0.0513 | mg/L | 0.050 | 101 | 70 | 130 | | | |
| Copper | | 0.0502 | mg/L | 0.010 | 99 | 70 | 130 | | | |
| Lead | | 0.0523 | mg/L | 0.050 | 104 | 70 | 130 | | | |
| Mercury | | 0.00525 | mg/L | 0.0010 | 105 | 70 | 130 | | | |
| Molybdenun | n | 0.0532 | mg/L | 0.0010 | 104 | 70 | 130 | | | |
| Nickel | • | 0.0504 | mg/L | 0.050 | 98 | 70 | 130 | | | |
| Selenium | | 0,0690 | mg/L | 0.0010 | 112 | 70 | 130 | | | |
| Uranium | | 0.350 | mg/L | 0.00030 | | 70 | 130 | | | Α |
| Vanadium | | 0.0527 | mg/L | 0.0010 | 104 | 70 | 130 | | | |
| Zinc | | 0.0740 | mg/L | 0.010 | 108 | 70 | 130 | | | |
| Sample ID: | C09050144-004BMSD4 | Sample Matrix | Spike Dupl | licate | | Run: ICPM | IS2-C_090508B | | 05/08 | 3/09 14:2 |
| Aluminum | 0000011110012111021 | 0.0539 | mg/L | 0.050 | 102 | 70 | 130 | 1.3 | 20 | |
| Arsenic | | 0.0550 | mg/L | 0.0010 | 107 | 70 | 130 | 0.6 | 20 | |
| Cadmium | | 0.0528 | mg/L | 0.010 | 106 | 70 | 130 | 0.5 | 20 | |
| Chromium | | 0.0512 | mg/L | 0.050 | 101 | 70 | 130 | 0.3 | 20 | |
| Copper | | 0.0501 | mg/L | 0.010 | 99 | 70 | 130 | 0.1 | 20 | |
| Lead | | 0.0528 | mg/L | 0.050 | 105 | 70 | 130 | 0.9 | 20 | |
| Mercury | | 0.00535 | mg/L | 0.0010 | 107 | 70 | 130 | 1.8 | 20 | |
| Molybdenur | m | 0.0538 | mg/L | 0.0010 | 106 | 70 | 130 | 1.1 | 20 | |
| Nickel | " | 0.0503 | mg/L | 0.050 | 98 | 70 | 130 | 0.1 | 20 | |
| Selenium | | 0.0680 | mg/L | 0.0010 | 110 | 70 | 130 | 1.5 | 20 | |
| Uranium | | 0.356 | mg/L | 0.00030 | | 70 | 130 | 1.6 | 20 | Α |
| Vanadium | | 0.0522 | mg/L | 0.0010 | 103 | 70 | 130 | 1 | 20 | |
| Zinc | | 0.0736 | mg/L | 0.010 | 107 | 70 | 130 | 0.6 | 20 | |
| Sample ID | : C09050144-014BMS4 | Sample Matri | x Spike | | | Run: ICPN | /S2-C_090508B | | 05/0 | 8/09 16:2 |
| Aluminum | | 0.151 | mg/L | 0.10 | 98 | 70 | 130 | | | |
| Arsenic | | 0.0626 | mg/L | 0.0010 | 104 | 70 | 130 | | | |
| Cadmium | | 0.0520 | mg/L | 0.010 | 104 | 70 | 130 | | | |
| Chromium | | 0.0499 | mg/L | 0.050 | 100 | 70 | 130 | | | |
| Copper | | 0.0484 | mg/L | 0.010 | 96 | 70 | 130 | | | |
| Lead | | 0.0516 | mg/L | 0.050 | 103 | 70 | 130 | | | |
| Mercury | | 0.00523 | mg/L | 0.0010 | 105 | 70 | 130 | | | |
| Molybdenu | m | 0.0552 | mg/L | 0.10 | .104 | 70 | 130 | | | |
| Nickel | | 0.0482 | mg/L | 0.050 | 96 | | 130 | | | |
| Selenium | | 0.0537 | mg/L | 0.0010 | 107 | 70 | 130 | | | |
| Uranium | | 0.0590 | mg/L | 0.00030 | 105 | 70 | 130 | | | |
| Vanadium | | 0.0518 | mg/L | 0.10 | | | 130 | | | |
| Y MI IGUIUITI | | 0.0540 | mg/L | 0.010 | | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/02/09 Work Order: C09050144

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---------------------------|----------------------|-------------|----------------|-------------|------|---|--------------|-----|----------|------------|
| Method: E200.8 | | | | | | , , , , , , , , , , , , , , , , , , , | | | Batch: | R117966 |
| Sample ID: C09050144 | L014RMSD4 San | noie Matrix | Spike Duplic | ate | | Run: ICPM | S2-C_090508B | | 05/08 | 3/09 16:54 |
| Aluminum | | 0.145 | mg/L | 0.050 | 86 | 70 | 130 | 4 | 20 | |
| Arsenic | | 0.0623 | mg/L | 0.0010 | 103 | 70 | 130 | 0.4 | 20 | |
| Cadmium | | 0.0512 | mg/L | 0.010 | 102 | 70 | 130 | 1.5 | 20 | |
| Chromium | | 0.0487 | mg/L | 0.010 | 97 | 70 | 130 | 2.3 | 20 | |
| Copper | | 0.0484 | mg/L | 0.010 | 96 | 70 | 130 | 0 | 20 | |
| _ead | | 0.0506 | mg/L | 0.050 | 101 | 70 | 130 | 2 | 20 | |
| Mercury | | 0.00520 | mg/L | 0.0010 | 104 | 70 | 130 | 0.7 | 20 | |
| Molybdenum | | 0.0544 | mg/L | 0.0010 | 102 | 70 | 130 | 1.4 | 20 | |
| Nickel | | 0.0482 | mg/L | 0.010 | 96 | 70 | 130 | 0.1 | 20 | |
| Nickei Selenium | | 0.0536 | mg/L | 0.0010 | 107 | 70 | 130 | 0.1 | 20 | |
| | | 0.0584 | mg/L | 0.00030 | 104 | 70 | 130 | 1 | 20 | |
| Uranium . (a. a. a. ii | | 0.0507 | mg/L | 0.0010 | 100 | 70 | 130 | 2.1 | 20 | |
| Vanadium | | 0.0534 | mg/L | 0.010 | 103 | 70 | 130 | 1.1 | 20 | |
| Zinc | | | | | | | | | | |
| Method: E300.0 | | | | | | | | | | : R11839 |
| Sample ID: LCS | Lat | oratory C | ontrol Sample | | | | C_090518A | | 05/1 | 8/09 12:3 |
| Chloride | | 9.75 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Sulfate | | 38.9 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sample ID: MBLK | Me | thod Blank | (| | | Run: IC1-0 | C_090518A | | 05/1 | 8/09 12:4 |
| Chloride | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: C0905014 | 4 002 AMS Sa | mple Matr | ix Snike | | | Run: IC1-0 | C_090518A | | 05/1 | 8/09 21:1 |
| | 4-003ANG 08 | 27.3 | mg/L | 1.0 | 108 | | 110 | | | |
| Chloride Sulfate | | 27.5 | mg/L | 1.0 | 103 | | 110 | | | |
| Sunate | | | Ū | | | | | | 0514 | 8/09 21:2 |
| Sample ID: C0905014 | 4-003AMSD Sa | | ix Spike Dupli | | | | C_090518A | 0.7 | | 0/05 21.2 |
| Chloride | | 27.4 | mg/L | 1.0 | 109 | | 110 | 0.7 | | |
| Sulfate | | 226 | mg/L | 1.0 | 103 | 90 | 110 | 0 | 20 | |
| Sample ID: C0905014 | .4.013 ∆MS Sa | mple Matr | ix Spike | | | Run: IC1- | C_090518A | | 05/1 | 9/09 00:5 |
| Chloride | 14-013AIII3 Cu | 28.2 | mg/L | 1.0 | 107 | 90 | 110 | | | |
| Sulfate | | 206 | mg/L | 1.0 | 100 | 90 | 110 | | | |
| | | unnin Bass | iv Saika Dueli | cata | | Runt IC1- | C_090518A | | 05/1 | 9/09 01:0 |
| Sample ID: C0905014 | 14-013AMSD Sa | • | ix Spike Dupli | cate 1.0 | 108 | | | 0.9 | | |
| Chloride | | 28.5 | mg/L | | | | | 0.7 | | |
| Sulfate | | 207 | mg/L | 1.0 | 102 | : 90 | 110 | 5.7 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050144

| Analyte | <u> </u> | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------|--------------------|--|-----------------|------|------|------------|------------|-----|----------|------------|
| Method: E | 300.0 | ······································ | | | | | | | Batch | : R118663 |
| Sample ID: L | ıce | Laboratory Cor | ntrol Sample | | | Run: IC1-C | _090523A | | 05/23 | 3/09 14:17 |
| Chloride | 203 | 9.82 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Sulfate | | 39.2 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Sample ID: | MBLK | Method Blank | | | | Run: IC1-C | _090523A | | 05/2 | 3/09 14:33 |
| Chloride | • | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: 0 | C09050144-004AMS | Sample Matrix | Spike | | | Run: IC1-C | _090523A | | 05/2 | 3/09 15:19 |
| Chloride | | 25.4 | mg/L | 1.0 | 103 | 90 | 110 | | | |
| Sulfate | | 230 | mg/L | 1.0 | 99 | 90 | 110 | | | |
| Sample ID: | C09050144-004AMSD | Sample Matrix | Spike Duplicate | | | Run: IC1-0 | C_090523A | | 05/2 | 3/09 15:35 |
| Chloride | 00000111 001/11100 | 25.5 | mg/L | 1.0 | 103 | 90 | 110 | 0.2 | 20 | |
| Sulfate | | 230 | mg/L | 1.0 | 98 | 90 | 110 | 0.2 | 20 | |



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050144

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---------------------------|---------------------------------------|----------------------|--------|------|-----------|------------------|----------|-------------|------------|
| Method: E350.1 | | | | | | | Analytic | al Run: SUE | B-B129132 |
| Sample ID: ICV | Initial Calibrati | ion Verification Sta | andard | | | | | 05/08 | 8/09 09:42 |
| Nitrogen, Ammonia as N | 5.71 | mg/L | 0.11 | 104 | 90 | 110 | | | |
| Method: E350.1 | · · · · · · · · · · · · · · · · · · · | | | | | - · · | | Batch: B | _R129132 |
| Sample ID: MBLK | Method Blank | | | | Run: SUB- | B129132 | | 05/08 | 8/09 09:43 |
| Nitrogen, Ammonia as N | ND | mg/L | 0.02 | | | | | | |
| Sample ID: LFB | Laboratory Fo | rtified Blank | | | Run: SUB- | B129132 | | 05/0 | 8/09 09:4 |
| Nitrogen, Ammonia as N | 1.03 | mg/L | 0.10 | 104 | 90 | 110 | | | |
| Sample ID: C09050144-019E | Sample Matrix | x Spike | | | Run: SUB- | B129132 | | 05/0 | 8/09 10:3: |
| Nitrogen, Ammonia as N | 0.863 | mg/L | 0.050 | 86 | 90 | 110 | | | S |
| Sample ID: C09050144-019E | Sample Matrix | x Spike Duplicate | | | Run: SUB- | ·B129132 | | 05/0 | 8/09 10:3 |
| Nitrogen, Ammonia as N | 0.844 | mg/L | 0.050 | 84 | 90 | 110 | 2.2 | 10 | S |
| Sample ID: C09050144-003E | Sample Matri | x Spike | | | Run: SUB- | -B129132 | | 05/0 | 8/09 10:0 |
| Nitrogen, Ammonia as N | 1.04 | mg/L | 0.050 | 76 | 90 | 110 | | | S |
| Sample ID: C09050144-003E | Sample Matri: | x Spike Duplicate | | | Run: SUB- | -B129132 | | 05/0 | 8/09 10:0 |
| Nitrogen, Ammonia as N | 1.02 | mg/L | 0.050 | 73 | 90 | 110 | 2.4 | 10 | S |
| Sample ID: C09050181-001D | Sample Matri | x Spike | | | Run: SUB | -B129132 | | 05/0 | 8/09 13:4 |
| Nitrogen, Ammonia as N | 0.822 | mg/L | 0.050 | 82 | 90 | 110 | | | S |
| Sample ID: C09050181-001D | Sample Matri | x Spike Duplicate | | | Run: SUB | -B129132 | | 05/0 | 8/09 13:5 |
| Nitrogen, Ammonia as N | 0.819 | mg/L | 0.050 | 82 | 90 | 110 | 0.4 | 10 | S |
| Sample ID: C09050144-011E | Sample Matri | x Spike | | | Run: SUB | -B129132 | | 05/0 | 8/09 10:1 |
| Nitrogen, Ammonia as N | 0.804 | mg/L | 0.050 | 80 | 90 | 110 | | | S |
| Sample ID: C09050144-011E | Sample Matri | x Spike Duplicate | | | Run: SUB | -B129132 | | 05/0 | 8/09 10:2 |
| Nitrogen, Ammonia as N | 0.778 | mg/L | 0.050 | 78 | 90 | 110 | 3.3 | 10 | S |

RL - Analyte reporting limit. MDC - Minimum detectable concentration ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



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QA/QC Summary Report

Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09 Work Order: C09050144

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit Qual |
|--------------------------------|-------------------|-------------------|----------|------|-----------|------------|----------|---------------------|
| Method: E353.2 | | | | | | | Analytic | al Run: SUB-B129133 |
| ; | I-iti-I Oalibuati | on Verification S | Standard | | | | | 05/08/09 11:26 |
| Sample ID: ICV | | | 0.050 | 104 | 90 | 110 | | |
| Nitrogen, Nitrate+Nitrite as N | 36.9 | mg/L | 0.050 | 104 | | | | |
| Method: E353.2 | | | | | | | | Batch: B_R129133 |
| | Method Blank | | | | Run: SUB- | B129133 | | 05/08/09 11:27 |
| Sample ID: MBLK | ND | mg/L | 0.002 | | | | | |
| Nitrogen, Nitrate+Nitrite as N | ND | Hig/L | 0.002 | | | | | |
| Sample ID: LFB | Laboratory Fo | rtified Blank | | | Run: SUB- | -B129133 | | 05/08/09 11:28 |
| Nitrogen, Nitrate+Nitrite as N | 0.975 | mg/L | 0.050 | 99 | 90 | 110 | | |
| Millogen, Millate+Mille as M | 0.0.0 | ··· ·3 ··= | | | | | | |
| Sample ID: B09050650-001AMS | Sample Matrix | Spike | | | Run: SUB | | | 05/08/09 13:38 |
| Nitrogen, Nitrate+Nitrite as N | 1.16 | mg/L | 0.050 | 100 | 90 | 110 | | |
| Milogon, Milato | | | | | | | | 05/08/09 13:40 |
| Sample ID: B09050650-001AMSD | Sample Matrix | k Spike Duplicate | е | | Run: SUB | | | 30,00.00 |
| Nitrogen, Nitrate+Nitrite as N | 1.16 | mg/L | 0.050 | 100 | 90 | 110 | 0.2 | 10 |
| : | | | | | Run: SUB | D120122 | | 05/08/09 13:06 |
| Sample ID: C09050144-001E | • | k Spike Duplicat | | | | 110 | | 10 |
| Nitrogen, Nitrate+Nitrite as N | 0.966 | mg/L | 0.050 | 99 | 90 | 110 | | 10 |
| | | 0-1 | | | Run: SUB | -B129133 | | 05/08/09 13:22 |
| Sample ID: C09050144-019E | Sample Matri | | | | | 110 | | |
| Nitrogen, Nitrate+Nitrite as N | 0.972 | mg/L | 0.050 | 99 | 90 | 110 | | |
| | Cample Matri | x Spike Duplicat | _ | | Run: SUB | -B129133 | | 05/08/09 13:23 |
| Sample ID: C09050144-019E | • | • | 0.050 | 98 | | 110 | 1 | 10 |
| Nitrogen, Nitrate+Nitrite as N | 0.962 | mg/L | 0.030 | 90 | | | , | |



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QA/QC Summary Report

Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050144

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--|-------------------|---------------------|--------|------|-----------|------------|-------------|------------|------------|
| Method: E353.2 | | | | | <u> </u> | | Analytic | al Run: SU | 3-B129207 |
| | Initial Calibrati | on Verification Sta | andard | | | | | 05/1 | 1/09 10:33 |
| Sample ID: ICV Nitrogen, Nitrate+Nitrite as N | 36.7 | mg/L | 0.050 | 104 | 90 | 110 | | | |
| Method: E353.2 | | | | | | | | Batch: B | _R129207 |
| Sample ID: MBLK | Method Blank | | | | Run: SUB- | B129207 | | 05/1 | 1/09 10:34 |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | 0.002 | | | | | | |
| Sample ID: LFB | Laboratory Fo | rtified Blank | | | Run: SUB- | -B129207 | | 05/1 | 1/09 10:35 |
| Nitrogen, Nitrate+Nitrite as N | 1.03 | mg/L | 0.050 | 105 | 90 | 110 | | | |
| Sample ID: B09050728-001CMS | Sample Matrix | k Spike | | | Run: SUB- | -B129207 | | 05/1 | 1/09 10:41 |
| Nitrogen, Nitrate+Nitrite as N | 1.17 | mg/L | 0.050 | 106 | 90 | 110 | | | |
| Sample ID: B09050728-001CMSD | Samole Matrix | x Spike Duplicate | | | Run: SUB | -B129207 | | 05/1 | 1/09 10:42 |
| Nitrogen, Nitrate+Nitrite as N | 1.19 | mg/L | 0.050 | 108 | 90 | 110 | 1.9 | 10 | |
| Sample ID: B09050706-001AMS | Sample Matrix | x Spike | | | Run: SUB | -B129207 | | 05/1 | 1/09 10:58 |
| Nitrogen, Nitrate+Nitrite as N | 2.05 | mg/L | 0.050 | 111 | 90 | 110 | | | S |
| Sample ID: B09050706-001AMSD | Sample Matrix | x Spike Duplicate | | | Run: SUB | -B129207 | | 05/1 | 1/09 10:59 |
| Nitrogen, Nitrate+Nitrite as N | 2.06 | mg/L | 0.050 | 112 | 90 | 110 | 0.3 | 10 | S |

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

S - Spike recovery outside of advisory limits.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09 Work Order: C09050144

| Analyte | Result | Units | RL %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--|---------------|-------------------|---------|-----------|-------------|-----|----------|------------|
| Method: E900.0 | | | | | | | Batch: G | rAB-0659 |
| Sample ID: MB-GrAB-0659 | Method Blank | | | Run: G500 | 0W_090527A | | 05/31 | /09 22:00 |
| Gross Alpha | -0.04 | pCi/L | | | | | | U |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | | | | |
| Gross Alpha MDC | 0.6 | pCi/L | | | | | | |
| Gross Beta | -0.4 | pCi/L | | | | | | U |
| Gross Beta precision (±) | 1 | pCi/L | | | | | | |
| Gross Beta MDC | 1 | pCi/L | | | | | | |
| Sample ID: UNAT-GrAB-0659 | Laboratory Co | ntrol Sample | | Run: G500 | 0W_090527A | | 05/31 | /09 22:00 |
| Gross Alpha | 140 | pCi/L | 104 | 70 | 130 | | | |
| Sample ID: Cs137-GrAB-0659 | Laboratory Co | introl Sample | | Run: G500 | 00W_090527A | | 05/3 | 1/09 22:00 |
| Gross Beta | 77 | pCi/L | 85 | 70 | 130 | | | |
| Sample ID: C09050081-020CMS | Sample Matrix | c Spike | | Run: G500 | 00W_090527A | | 05/3 | 1/09 22:00 |
| Gross Alpha | 197 | pCi/L | 109 | 70 | 130 | | | |
| Sample ID: C09050081-020CMSD | Sample Matrix | k Spike Duplicate | | Run: G500 | 00W_090527A | | 05/3 | 1/09 22:00 |
| Gross Alpha | 180 | pCi/L | 97 | 70 | 130 | 8.7 | 16.3 | |
| | Sample Matrix | v Snike | | Run: G500 | 00W_090527A | | 05/3 | 1/09 22:00 |
| Sample ID: C09050081-020CMS Gross Beta | 114 | pCi/L | 99 | | 130 | | | |
| O LUID CARATAGA ASACHED | Sample Matri | x Spike Duplicate | | Run: G500 | 00W_090527A | | 05/3 | 1/09 22:00 |
| Sample ID: C09050081-020CMSD Gross Beta | 111 | pCi/L | 96 | | 130 | 2.8 | 15.3 | |
| Sample ID: C09050144-013DDUP | Sample Dupli | cate | | Run: G500 | 00W_090527A | | 06/0 | 1/09 22:2 |
| • | 697 | pCi/L | | | | 9.4 | 13.3 | |
| Gross Alpha procision (+) | 11.3 | pCi/L | | | | | | |
| Gross Alpha precision (±) | 1.59 | pCi/L | | | | | | |
| Gross Alpha MDC | 285 | pCi/L | | | | 5.1 | 13.1 | |
| Gross Beta | 4.34 | pCi/L | | | | | | |
| Gross Beta precision (±) Gross Beta MDC | 2.58 | pCi/L | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

Sample Matrix Spike

pCi/L

pCi/L

pCi/L

pCi/L

Sample Matrix Spike Duplicate

Sample Matrix Spike Duplicate

150

150

Sample Matrix Spike

98

QA/QC Summary Report

UR Energy USA Inc Client:

Sample ID: C09050779-001AMS

Sample ID: C09050779-001AMSD

Sample ID: C09050779-001AMS

Sample ID: C09050779-001AMSD

Gross Alpha

Gross Alpha

Gross Beta

Gross Beta

Report Date: 07/02/09

Qual

06/03/09 01:01

06/03/09 01:01

06/03/09 01:01

06/03/09 01:01

15.8

16.1

Work Order: C09050144

Project: Lost Creek

RL %REC Low Limit High Limit RPD RPDLimit Result Units Analyte Batch: GrAB-0660 E900.0 Method: 06/02/09 06:10 Run: G5000W_090528A Sample ID: MB-GrAB-0660 Method Blank U -0.2 pCi/L Gross Alpha pCi/L 0.6 Gross Alpha precision (±) pCi/L 0.8 Gross Alpha MDC U -5 pCi/L **Gross Beta** 2 pCi/L Gross Beta precision (±) 2 pCi/L Gross Beta MDC 06/02/09 06:10 Run: G5000W_090528A Laboratory Control Sample Sample ID: UNAT-GrAB-0660 92 70 130 130 pCi/L Gross Alpha 06/02/09 06:10 Run: G5000W_090528A Laboratory Control Sample Sample ID: Cs137-GrAB-0660 130 124 70 pCi/L 110 **Gross Beta**

Qualifiers:

RL - Analyte reporting limit. MDC - Minimum detectable concentration ND - Not detected at the reporting limit. U - Not detected at minimum detectable concentration

Run: G5000W_090528A

Run: G5000W_090528A

Run: G5000W_090528A

Run: G5000W_090528A

70

70

70

70

110

108

109

110

130

130

130

130

1.5

0.8



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QA/QC Summary Report

Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050144

| Analyte | | Result | Units | RL %RE | C I | Low Limit | High | Limit | RPD | RPDLImit | Qual |
|-----------------|---------------------|---------------|-------------------|--------|-----|-----------|-------|------------|---------|----------|-------------|
| Method: E | 900.0 | | | | | | | | • | Batch: | GrAB-0667 |
| Sample ID: N | MB-GrAB-0667 | Method Blank | | | | Run: G500 | 0W_0 | 90608B | | 06/1 | 10/09 22:44 |
| Gross Alpha | AID-CIAD SOO! | 0.02 | pCi/L | | | | | | | | U |
| Gross Alpha p | recision (±) | 0.5 | pCi/L | | | | | | | | |
| Gross Alpha M | | 0.6 | pCi/L | | | | | | | | |
| Gross Beta | | -0.7 | pCi/L | | | | | | | | U |
| Gross Beta pro | ecision (±) | 1 | pCi/L | | | | | | | | |
| Gross Beta Mi | | 2 | pCi/L | | | | | | | | |
| Sample ID: I | UNAT-GrAB-0667 | Laboratory Co | ntrol Sample | | | Run: G500 | 0W_0 | 90608B | | 06/ | 10/09 22:44 |
| Gross Alpha | | 130 | pCi/L | ę | 95 | 70 | | 130 | | | |
| Sample ID: (| Cs137-GrAB-0667 | Laboratory Co | ntrol Sample | | | Run: G500 | 0W_0 | 90608B | | 06/ | 10/09 22:44 |
| Gross Beta | 03107-01712-0007 | 86 | pCi/L | ę | 94 | 70 | | 130 | | | |
| Commission (D) | C09050548-022DMS | Sample Matrix | Spike | | | Run: G500 | 0W_(| 90608B | | 06/ | 11/09 11:00 |
| Gross Alpha | C()3030346-022DM3 | 128 | pCi/L | 9 | 93 | 70 | | 130 | | | |
| Dammia ID: | C09050548-022DMSD | Sample Matrix | Spike Duplicate | | | Run: G500 |)OW_(| 90608B | | 06/ | 11/09 11:00 |
| Gross Alpha | C09030340-022DM3D | 132 | pCi/L | • | 97 | 70 | | 130 | 3.4 | 15.9 | |
| O a maralla ID: | C09050548-022DMS | Sample Matrix | r Snike | | | Run: G500 |)_W0 |)90608B | | 06/ | 11/09 11:00 |
| Gross Beta | C09090948-022D1113 | 88.8 | pCi/L | ! | 98 | 70 | | 130 | | | |
| Comple ID: | C09050548-022DMSD | Sample Matrix | Spike Duplicate | | | Run: G500 | 00W_ | 090608B | | 06/ | 11/09 11:00 |
| Gross Beta | C09050546-022DNSD | 79.7 | pCi/L | ! | 88 | 70 | | 130 | 11 | 16.2 | ! |
| Method: E | | | | | | | | | | Batch: I | RA226-3650 |
| | C09050081-021CMS | Sample Matrix | x Snike | | | Run: BER | THOL | .D 770-1_(| 90508A | 05/ | 27/09 10:55 |
| Radium 226 | C0905006 1-02 1 CMS | 16 | pCi/L | | 98 | 70 | | 130 | | | |
| Comple ID: | C09050081-021CMSD | Sample Matrix | x Spike Duplicate | | | Run: BER | THOL | .D 770-1_0 | 090508A | 05 | /27/09 10:5 |
| Radium 226 | C09050001-021011105 | 15 | pCi/L | | 87 | 70 | | 130 | 11 | 23.6 | 3 |
| Commis ID: | MB-RA226-3650 | Method Blank | : | | | Run: BER | THOL | .D 770-1_0 | 090508/ | 05. | /27/09 12:3 |
| Radium 226 | MD-1/A220-3000 | -0.1 | pCi/L | | | | | | | | U |
| Radium 226 | precision (±) | 0.06 | pCi/L | | | | | | | | |
| Radium 226 l | | 0.2 | pCi/L | | | | | | | | |
| Cample ID: | LCS-RA226-3650 | Laboratory Co | ontrol Sample | | | Run: BER | THO | _D 770-1_ | 090508/ | A 05 | /27/09 12:3 |
| Radium 226 | F09-K4250-3000 | 8.4 | pCi/L | 1 | 108 | 70 | | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



UR Energy USA inc Client:

Project: Lost Creek

Report Date: 07/02/09 Work Order: C09050144

| Analyte | Result | Units | RL %R | REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------|---------------|--------------------|-------|-----|-----------------|---------------------|-------------|-----------|--|
| Method: E903.0 | | | | | | | | Batch: R/ | A226-3653 |
| Sample ID: C09050144-004DMS | Sample Matrix | Spike | | | Run: TENN | IELEC-3_0905 | 08F | 05/2 | 6/09 16:46 |
| Radium 226 | 19 | pCi/L | | 108 | 70 | 130 | | | |
| Nadian 220 | | • | | | | | 005 | 05/0 | 6/09 16:46 |
| Sample ID: C09050144-004DMSD | • | Spike Duplicate | | -00 | Run: IENN 70 | IELEC-3_0905 130 | ∪or 7.7 | 21.7 | 0/03 10.40 |
| Radium 226 | 18 | pCi/L | | 99 | 70 | 130 | 1.1 | 21.1 | |
| Sample ID: MB-RA226-3653 | Method Blank | | | | Run: TENN | IELEC-3_0905 | 08F | 05/2 | 6/09 16:46 |
| Radium 226 | 0.2 | pCi/L | | | | | | | |
| Radium 226 precision (±) | 0.09 | pCi/L | | | | | | | |
| Radium 226 MDC | 0.1 | pCi/L | | | | | | | |
| | | | | | Dun: TENN | NELEC-3_0905 | 08E | 05/2 | 6/09 16:4 |
| Sample ID: LCS-RA226-3653 | Laboratory Co | | | 96 | 70 70 | 130 | V 01 | 00,2 | .0,00 |
| Radium 226 | 7.7 | pCi/L | | 90 | | | | | |
| Method: E903.0 | | | | | - | | | Batch: R | A226-365 |
| Sample ID: C09050144-014DMS | Sample Matrix | c Spike | | | Run: BERT | THOLD 770-2_ | 090508C | 05/2 | 6/09 18:0 |
| Radium 226 | 15 | pCi/L | | 86 | 70 | 130 | | | |
| Radiom 220 | | F - " - | | | | | _ | | |
| Sample ID: C09050144-014DMSD | Sample Matri | x Spike Duplicate | | | | THOLD 770-2_ | | | 26/09 18:0 |
| Radium 226 | 13 | pCi/L | | 72 | 70 | 130 | 16 | 24.1 | |
| Sample ID: MB-RA226-3655 | Method Blank | | | | Run: BER | THOLD 770-2_ | 090508C | 05/2 | 26/09 19:4 |
| Radium 226 | -0.1 | pCi/L | | | | | | | U |
| Radium 226 precision (±) | 0.08 | pCi/L | | | | | | | |
| Radium 226 MDC | 0.2 | pCi/L | | | | | | | |
| Maddin 220 MDO | | | | | | | | 0.5.16 | 20100 40:4 |
| Sample ID: LCS-RA226-3655 | Laboratory Co | ontrol Sample | | | | THOLD 770-2_ | 090508C | 05/2 | 26/09 19:4 |
| Radium 226 | 6.4 | pCi/L | | 83 | 70 | 130 | | | _ |
| Method: RA-05 | | | | | | | | Batch: R | A228-265 |
| | | | | | Dun TEN | NELEC-3_090 | inac. | 05/: | 19/09 10:5 |
| Sample ID: LCS-228-RA226-3650 | = | ontrol Sample | | 82 | | 130 | ,,,,, | | . •. • • • • • • • • • • • • • • • • • |
| Radium 228 | 7.09 | pCi/L | | 02 | , ,, | 100 | | | |
| Sample ID: MB-RA226-3650 | Method Blank | (| | | Run: TEN | NELEC-3_090 | 508C | 05/ | 19/09 10:5 |
| Radium 228 | -0 .1 | pCi/L | | | | | | | U |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | | | | |
| Radium 228 MDC | 1 | pCi/L | | | | | | | |
| | Ó | to Caika | | | Rup TEN | NELEC-3_090 | 508C | 05/ | 19/09 10:5 |
| Sample ID: C09050081-022CMS | Sample Matri | | | 110 | | 130 | | 501 | |
| Radium 228 | 18.9 | pCi/L | | 110 | , 10 | 100 | | | |
| Sample ID: C09050081-022CMSD | Sample Matr | ix Spike Duplicate | | | Run: TEN | NELEC-3_090 | 508C | 05/ | 19/09 10:5 |
| Radium 228 | 14.7 | pCi/L | | 86 | 70 | 130 | 25 | 35.3 | |

Qualifiers:

RL - Analyte reporting limit. MDC - Minimum detectable concentration ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



UR Energy USA Inc Client:

Report Date: 07/02/09

Project: Lost Creek

Work Order: C09050144

| Analyte | Result | Units | RL %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--|---------------|-------------------|---------|-----------|-----------------|-----|-----------|------------|
| Method: RA-05 | | | | | | | Batch: RA | 228-2655 |
| Sample ID: LCS-228-RA226-3653 | Laboratory Co | ntrol Sample | | Run: TEN | NELEC-3_090508D |) | 05/19 | /09 12:46 |
| Radium 228 | 7.89 | pCi/L | 78 | 70 | 130 | | | |
| Sample ID: MB-RA226-3653 | Method Blank | | | Run: TEN | NELEC-3_090508 |) | 05/19 | /09 12:46 |
| Radium 228 | 1 | pCi/L | | | | | | U |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | | | |
| Radium 228 MDC | 1 | pCi/L | | | | | | |
| Sample ID: C09050144-005DMS | Sample Matrix | k Spike | | Run: TEN | NELEC-3_090508[|) | 05/19 | 0/09 12:46 |
| Radium 228 | 19.1 | pCi/L | 86 | 3 70 | 130 | | | |
| 0 | Sample Matrix | x Spike Duplicate | | Run: TEN | NELEC-3_090508[|) | 05/19 | 9/09 12:46 |
| Sample ID: C09050144-005DMSD Radium 228 | 21.1 | pCi/L | 98 | 3 70 | 130 | 10 | 30.3 | |
| Method: RA-05 | <u> </u> | | | - | | | Batch: RA | 228-2657 |
| Sample ID: LCS-228-RA226-3655 | Laboratory Co | ontrol Sample | | Run: TEN | NELEC-3_0905088 | = | 05/19 | 9/09 14:50 |
| Radium 228 | 7.86 | pCi/L | 8 | 9 70 | 130 | | | |
| Sample ID: MB-RA226-3655 | Method Blank | ζ. | | Run: TEN | NELEC-3_0905081 | Ξ, | 05/1 | 9/09 14:50 |
| Radium 228 | 0.05 | pCi/L | | | | | | U |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | | | |
| Radium 228 MDC | 1 | pCi/L | | | | | | |
| Sample ID: C09050144-015DMS | Sample Matri | x Spike | | Run: TEN | INELEC-3_090508 | E | 05/1 | 9/09 14:50 |
| Radium 228 | 18.9 | pCi/L | 9 | 7 70 | 130 | | | |
| Sample ID: C09050144-015DMSD | Sample Matri | x Spike Duplicate | | Run: TEN | INELEC-3_090508 | E | 05/1 | 9/09 14:50 |
| Radium 228 | 18.6 | pCi/L | 9 | 5 70 | 130 | 1.5 | 32.3 | |

| | ENERGY |
|---|--------------|
| ĺ | LABORATORIES |

Chain of Custody and Analytical Request Record

| | | | > |
|------|----------|------|---|
| Page | <u> </u> | _ of | |

| Company Name: | Project Name, PWS, Permit, Etc. | mation as possible. | Sample Origin | EPA/State Compliance: |
|--|--|--------------------------------------|--|---|
| UR Energy | lost Creek | | State: WY | Yes No C |
| Report Mail Address: Dr. Spile 200 | Contact Name: Phone/ | Fax: 265-2373 | Email: | Sampler: (Please Print) |
| Casper WY 82609 | John Cash John. | ach QUS-Energy. | 10- | Quote/Bottle Order: |
| Invoice Address: | Invoice Contact & Phone: | • / | Purchase Order: | Quote/Bottle Order. |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: UR Energy Extel Sheet DW A2LA GSA EDD/EDT(Electronic Data) POTW/WWTP Format: State: LEVEL IV Other: NELAC | f Containers :: A W S V B O Solls/Solids Joassay Other | SEE ATTACHED Normal Turnaround (TAT) | Contact ELI prior RUSH sample su for charges and scheduling – See Instruction Page Comments: H | Cooler ID(s): |
| SAMPLE IDENTIFICATION Collection (Name, Location, Interval, etc.) Date Time | MATRIA | | | Signature Y N Match |
| M-128 #23 5-5-04 2 M-127 #24 | W Zqz/ | | | |
| 3 M- 176 # 25 | | | | |
| 4 M-125 #26 | | | | 「 「 「 」 に 」 に 」 に 、 に 、 に 、 に に の に 。 |
| 5 M-124 #27 | | | ļ | ORY (|
| 6 M-123 #28 | | | | |
| ⁷ M- 122 #29 | | | 0 6 | |
| * M-1/9 # 30 | | | (09030 | |
| 9 MF-110 #31 | | | | |
| Custody Relinquished by (print): Date/Time: | Signature: | Received by (partit); MP//L | Date/Tines / / / S & W | Signature: |
| Record Religious shed by (norm): Date/Time: | Cidenature: | Received by (print): | Date/Time: | Signature: |
| MUST be Charles Kel Sy 5-6-09 | 45 Ciw J.lly | Received by Laboratory: | Date/Time: | Signature: |
| Signed Sample Disposal: Return to Client: | Lab Disposal: | | | |

| ENERGY Chain of Cust | | | Analytical Req | | ord | | Pag | e <u>Z</u> of | 2 |
|--|---|---------|---|-------------|--------------|---|--------|-------------------------------------|-------------|
| Company Name: | | | rovide as much information as WS, Permit, Etc. | s possible. | Sam | ole Origin | EPA/St | ate Compliar | nce: |
| | Lost | Cic | eck | | State | WY | Yes 🗆 | No Z | 1 |
| Report Mail Address: S880 Enterprise Dr. Swite 200 | Contact Na | me: | Phone/Fax: | | Emai | | • | r: (Please Pi | int) |
| Casper WY 87609 | Joh la | sh | 307 - 765 - 1373 & Phone: | John Casa | lau | Heneray.Com | | | • |
| Invoice Address: | Invoice Cor | ntact 8 | & Phone: | | Purc | nase Order: | Quote/ | Bottle Order: | |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: | 0 = | | analysis requi | ested | R | Contact ELI prior RUSH sample su | | Shipped by: | 1 |
| UR Empy Excel Sheet | Containers : A W S V B O Soils/Solids ijoassay Other | | | ED | H S H | for charges and scheduling – See Instruction Page | | Cooler (D(s): | |
| □ DW□ A2LA□ GSA□ EDD/EDT(Electronic Data) | of Con oe: A V or Soils Bioass | | | ATTACHED | | Comments: | | Receipt Temp | _°c |
| POTW/WWTP Format: | Number of (Sample Type: Air Water S | 9 | | | S | | | | ه ک |
| ☐ State: ☐ LEVEL IV ☐ Other: ☐ NELAC | Sam Sam Age | inc | | SEE | | | | Custody Seal Bottles/ Coolers | Y(N) B C |
| | | 2 | | | ² | | | Intact | Y N |
| SAMPLE IDENTIFICATION Collection (Name, Location, Interval, etc.) Collection Time | MATRIX | 3 | | | | | | Signature Match | Y N |
| M-131 #33 5-5-09 | W 29c/ | | | | | | | <u></u> | |
| 2 Mu-110 #34 | | | | | | | | | |
| 3 MP-1/2 #35 | | | | | | | | | |
| 1 Mu-1/2 #36 | | | | | | | | | |
| 5 Mo-113 #38 | | | | | | 090501 | 44 |) <u>A</u> | |
| 6 Mu-113 #39 | | | | | | | | <u> </u> | |
| | | 1 1 | | | 1 | 1 | | 115 | |

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.

This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Lab Disposal:

Received by (pript)

Received by (print):

Received by Laboratory:

Date/Time: 5-5-69
Date/Time:

Return to Client:

Custody Record

MUST be

Signed

Sample Disposal:

Date/Times

Date/Time:

Date/Time:

Signature:

Signature:

Signature:

Energy Laboratories Inc Workorder Receipt Checklist



UR Energy USA Inc

C09050144

| Login completed by: Kimberly Humiston | | Date and Time Received: 5/6/2009 8:45 AM | | | | | | |
|---|-------|--|----------------------------|--|--|--|--|--|
| Reviewed by: | | Received by: em | | | | | | |
| Reviewed Date: | | Carr | ier name: Hand Del | | | | | |
| | | | | | | | | |
| Shipping container/cooler in good condition? | Yes 🗌 | No 🖂 | Not Present ✓ | | | | | |
| Custody seals intact on shipping container/cooler? | Yes 🗌 | No 🗌 | Not Present ✓ | | | | | |
| Custody seals intact on sample bottles? | Yes 🗌 | No 🗌 | Not Present ✓ | | | | | |
| Chain of custody present? | Yes 🗹 | No 🗌 | | | | | | |
| Chain of custody signed when relinquished and received? | Yes 🗹 | No 🗀 | | | | | | |
| Chain of custody agrees with sample labels? | Yes 🗸 | No 🗌 | | | | | | |
| Samples in proper container/bottle? | Yes 🗹 | No 🖂 | | | | | | |
| Sample containers intact? | Yes 🗹 | No 🖂 | | | | | | |
| Sufficient sample volume for indicated test? | Yes 🗹 | No 🗀 | | | | | | |
| All samples received within holding time? | Yes 🗹 | No 🗌 | | | | | | |
| Container/Temp Blank temperature: | 6°C | | | | | | | |
| Water - VOA vials have zero headspace? | Yes 🗌 | No 🗌 | No VOA vials submitted ✓ | | | | | |
| Water - pH acceptable upon receipt? | Yes ✓ | No 🖂 | Not Applicable | | | | | |
| | | | | | | | | |

Contact and Corrective Action Comments:

Samples for dissolved metals/radiochemistry were subsampled, filtered and preserved with 2 mL HNO3 in lab upon receipt to pH <2. Metals samples were preserved with 1/2 mL HNO3 upon receipt to pH <2 in the laboratory. In accordance with the Clean Water Act, these samples must be held for 24 hours prior to analysis. Samples for Nitrate+Nitrite with 1/2 mL H2SO4 to pH <2.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602 Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT:

UR Energy USA Inc

Date: 02-Jul-09

Project:

Lost Creek

CASE NARRATIVE

Sample Delivery Group: C09050144

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS

Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS

The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505

Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT

eli-g - Energy Laboratories, Inc. - Gillette, WY

eli-h - Energy Laboratories, Inc. - Helena, MT

eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA;

Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER, WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT



ANALYTICAL SUMMARY REPORT

July 09, 2009

UR Energy USA Inc 10758 W Centennial Rd Ste 200 Ken Caryl Ranch, CO 80127

Workorder No.: C09050203

Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 18 samples for UR Energy USA Inc on 5/7/2009 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|---------------|------------------|----------------|--------------|---------|--|
| C09050203-001 | MO-104 | 05/06/09 00:00 | 05/07/09 | Aqueous | Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved |
| C09050203-002 | MP-104 | 05/06/09 00:00 | 05/07/09 | Aqueous | Same As Above |
| C09050203-003 | MU-104 | 05/06/09 00:00 | 05/07/09 | Aqueous | Same As Above |
| C09050203-004 | MO-106 | 05/06/09 00:00 | 05/07/09 | Aqueous | Same As Above |
| C09050203-005 | MP-106 | 05/06/09 00:00 | 05/07/09 | Aqueous | Same As Above |
| C09050203-006 | MU-106 | 05/06/09 00:00 | 05/07/09 | Aqueous | Same As Above |
| C09050203-007 | MO-107 | 05/06/09 00:00 | 05/07/09 | Aqueous | Same As Above |
| C09050203-008 | MP-107 | 05/06/09 00:00 | 05/07/09 | Aqueous | Same As Above |
| C09050203-009 | MU-107 | 05/06/09 00:00 | 05/07/09 | Aqueous | Same As Above |
| C09050203-010 | M-133 | 05/06/09 00:00 | 05/07/09 | Aqueous | Same As Above |
| C09050203-011 | MO-108 | 05/06/09 00:00 | 05/07/09 | Aqueous | Same As Above |
| C09050203-012 | MP-108 | 05/06/09 00:00 | 05/07/09 | Aqueous | Same As Above |
| C09050203-013 | MO-109 | 05/06/09 00:00 | 05/07/09 | Aqueous | Same As Above |
| C09050203-014 | MP-109 | 05/06/09 00:00 | 05/07/09 | Aqueous | Same As Above |
| C09050203-015 | MP-113 | 05/06/09 00:00 | 05/07/09 | Aqueous | Same As Above |
| C09050203-016 | MU-109 | 05/06/09 00:00 | 05/07/09 | Aqueous | Same As Above |
| C09050203-017 | M-134 | 05/06/09 00:00 | 05/07/09 | Aqueous | Same As Above |
| C09050203-018 | | 05/06/09 00:00 | 05/07/09 | Aqueous | Same As Above |



ANALYTICAL SUMMARY REPORT

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Stephanie D. Waldrop Reporting Supervisor



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-001

Client Sample ID: MO-104

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | <u> </u> | | | | |
| Alkalinity, Total as CaCO3 | 124 | mg/L | | 1 | | A2320 B | 05/12/09 03:09 / ljl |
| Carbonate as CO3 | NĐ | mg/L | | 1 | | A2320 B | 05/12/09 03:09 / ljl |
| Bicarbonate as HCO3 | 151 | mg/L | | 1 | | A2320 B | 05/12/09 03:09 / ljl |
| Calcium | 85 | mg/L | | 1 | | E200.7 | 05/12/09 16:14 / cp |
| Chloride | 9 | mg/L | | 1 | | E300.0 | 05/19/09 05:58 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 15:17 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 05/12/09 16:14 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/11/09 10:47 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.84 | mg/L | | 0.05 | | E353.2 | 05/11/09 16:12 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/12/09 16:14 / cp |
| Silica | 15.9 | mg/L | | 0.2 | | E200.7 | 05/12/09 16:14 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 05/12/09 16:14 / cp |
| Sulfate | 177 | mg/L | | 1 | | E300.0 | 05/19/09 05:58 / Ijl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 616 | umhos/cm | | 1 | | A2510 B | 05/07/09 14:40 / dd |
| pH Hq | 7.77 | s.u. | | 0.01 | | A4500-H B | 05/07/09 14:40 / dd |
| Solids, Total Dissolved TDS @ 180 C | 424 | mg/L | | 10 | | A2540 C | 05/08/09 08:57 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:20 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 22:20 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:20 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 16:14 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 22:20 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 22:20 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 22:20 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 16:14 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 22:20 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 22:20 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 22:20 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:20 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 22:20 / ts |
| Selenium | 0.046 | mg/L | | 0.001 | | E200.8 | 05/08/09 22:20 / ts |
| Uranium | 0.916 | mg/L | | 0.0003 | | E200.8 | 05/08/09 22:20 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:20 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 22:20 / ts |
| METALS - TOTAL | | | | | | | |
| iron | ND | mg/L | | 0.03 | | E200.7 | 05/19/09 21:20 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/19/09 21:20 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-001

Client Sample ID: MO-104

Report Date: 07/09/09

Collection Date: 05/06/09 DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 834 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Alpha precision (±) | 12.5 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Beta | 382 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Beta precision (±) | 5.8 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Beta MDC | 3.4 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Radium 226 | 2.7 | pCi/L | | | | E903.0 | 05/26/09 21:38 / trs |
| Radium 226 precision (±) | 0.36 | pCi/L | | | | E903.0 | 05/26/09 21:38 / trs |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 05/26/09 21:38 / trs |
| Radium 228 | 2.1 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| Radjum 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.19 | % | | | | Calculation | 05/20/09 13:51 / kbh |
| Anions | 6.48 | meq/L | | | | Calculation | 05/20/09 13:51 / kbh |
| Cations | 5.96 | meq/L | | | | Calculation | 05/20/09 13:51 / kbh |
| Solids, Total Dissolved Calculated | 406 | mg/L | | | | Calculation | 05/20/09 13:51 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | - | | | | Calculation | 05/20/09 13:51 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-002

Client Sample ID: MP-104

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 97 | mg/L | | 1 | | A2320 B | 05/13/09 17:50 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/13/09 17:50 / ljl |
| Bicarbonate as HCO3 | 118 | mg/L | | 1 | | A2320 B | 05/13/09 17:50 / ljl |
| Calcium | 77 | mg/L | | 1 | | E200.7 | 05/12/09 16:22 / cp |
| Chloride | 9 | mg/L | | 1 | | E300.0 | 05/19/09 06:13 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 15:25 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 05/12/09 16:22 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/11/09 10:49 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/11/09 16:13 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/12/09 16:22 / cp |
| Silica | 14.3 | mg/L | | 0.2 | | E200.7 | 05/12/09 16:22 / cp |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 05/12/09 16:22 / cp |
| Sulfate | 184 | mg/L | | 1 | | E300.0 | 05/19/09 06:13 / Ijl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 599 | umhos/cm | | 1 | | A2510 B | 05/07/09 14:41 / dd |
| Hq | 8.66 | s.u. | | 0.01 | | A4500-H B | 05/07/09 14:41 / dd |
| Solids, Total Dissolved TDS @ 180 C | 419 | mg/L | | 10 | | A2540 C | 05/08/09 08:58 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:27 / ts |
| Arsenic | 0.009 | mg/L | | 0.001 | | E200.8 | 05/08/09 22:27 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:27 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 16:22 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 22:27 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 22:27 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 22:27 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 16:22 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 22:27 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 22:27 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 22:27 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:27 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 22:27 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 22:27 / ts |
| Uranium | 0.201 | mg/L | | 0.0003 | | E200.8 | 05/08/09 22:27 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:27 / ts |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 05/08/09 22:27 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/19/09 21:25 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/19/09 22:13 / ts |
| Thorium 232 | ND | mg/L | | 0.001 | | E200.8 | 05/19/09 22:13 / ts |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-002

Client Sample ID: MP-104

Report Date: 07/09/09

Collection Date: 05/06/09 DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 918 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Alpha precision (±) | 14.4 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Beta | 225 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Beta precision (±) | 4.0 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Radium 226 | 449 | pCi/L | | | | E903.0 | 05/26/09 21:38 / trs |
| Radium 226 precision (±) | 4,2 | pCi/L | | | | E903.0 | 05/26/09 21:38 / trs |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 05/26/09 21:38 / trs |
| Radium 228 | 3.9 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| Radium 228 precision (±) | 8.0 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.82 | % | | | | Calculation | 05/20/09 13:52 / kbh |
| Anions | 6.03 | meq/L | | | | Calculation | 05/20/09 13:52 / kbh |
| Cations | 5.70 | meq/L | | | | Calculation | 05/20/09 13:52 / kbh |
| Solids, Total Dissolved Calculated | 388 | mg/L | | | | Calculation | 05/20/09 13:52 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | | | | | Calculation | 05/20/09 13:52 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-003

Client Sample ID: MU-104

Report Date: 07/09/09

Collection Date: 05/06/09 DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 76 | mg/L | | 1 | | A2320 B | 05/13/09 17:58 / ljl |
| Carbonate as CO3 | 4 | mg/L | | 1 | | A2320 B | 05/13/09 17:58 / lji |
| Bicarbonate as HCO3 | 84 | mg/L | | 1 | | A2320 B | 05/13/09 17:58 / ljl |
| Calcium | 60 | mg/L | | 1 | | E200.7 | 05/12/09 16:26 / cp |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/19/09 06:29 / Ijl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 15:40 / Iji |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/12/09 16:26 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/11/09 10:50 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/11/09 16:15 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/12/09 16:26 / cp |
| Silica | 14.7 | mg/L | | 0.2 | | E200.7 | 05/12/09 16:26 / cp |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 05/12/09 16:26 / cp |
| Sulfate | 151 | mg/L | | 1 | | E300.0 | 05/19/09 06:29 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 484 | umhos/cm | | 1 | | A2510 B | 05/07/09 14:43 / dd |
| Hq | 8.76 | s.u. | | 0.01 | | A4500-H B | 05/07/09 14:43 / dd |
| Solids, Total Dissolved TDS @ 180 C | 337 | mg/L | | 10 | | A2540 C | 05/08/09 08:58 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:34 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/08/09 22:34 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:34 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 16:26 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 22:34 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 22:34 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 22:34 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 16:26 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 22:34 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 22:34 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 22:34 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:34 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 22:34 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 22:34 / ts |
| Uranium | 0.0841 | mg/L | | 0.0003 | | E200.8 | 05/08/09 22:34 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:34 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 05/08/09 22:34 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 2.19 | mg/L | | 0.03 | | E200.7 | 05/12/09 21:38 / cp |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.7 | 05/12/09 21:38 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-003

Client Sample ID: MU-104

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 233 | pCi/L | | | | E900.0 | 05/23/09 03:24 / cgr |
| Gross Alpha precision (±) | 6.3 | pCi/L | | | | E900.0 | 05/23/09 03:24 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 05/23/09 03:24 / cgr |
| Gross Beta | 75.3 | pCi/L | | | | E900.0 | 05/23/09 03:24 / cgr |
| Gross Beta precision (±) | 2.7 | pCi/L | | | | E900.0 | 05/23/09 03:24 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 05/23/09 03:24 / cgr |
| Radium 226 | 54 | pCi/L | | | | E903.0 | 05/27/09 17:25 / trs |
| Radium 226 precision (±) | 1.5 | pCi/L | | | | E903.0 | 05/27/09 17:25 / trs |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 05/27/09 17:25 / trs |
| Radium 228 | 2.0 | pCi/L | | | | RA-05 | 05/21/09 14:53 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/21/09 14:53 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/21/09 14:53 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.95 | % | | | | Calculation | 05/20/09 13:52 / kbh |
| Anions | 4.84 | meq/L | | | | Calculation | 05/20/09 13:52 / kbh |
| Cations | 4.66 | meq/L | | | | Calculation | 05/20/09 13:52 / kbh |
| Solids, Total Dissolved Calculated | 319 | mg/L | | | | Calculation | 05/20/09 13:52 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | - | | | | Calculation | 05/20/09 13:52 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-004

Client Sample ID: MO-106

Report Date: 07/09/09 Collection Date: 05/06/09

DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | | ICL/ | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|-------|------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 96 | mg/L | | 1 | | A2320 B | 05/13/09 18:05 / ljl |
| Carbonate as CO3 | 5 | mg/L | | 1 | | A2320 B | 05/13/09 18:05 / ljl |
| Bicarbonate as HCO3 | 107 | mg/L | | 1 | | A2320 B | 05/13/09 18:05 / ljl |
| Calcium | 50 | mg/L | | 1 | | E200.7 | 05/12/09 16:30 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/19/09 06:44 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 15:43 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/12/09 16:30 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 14:02 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.13 | mg/L | | 0.05 | | E353.2 | 05/11/09 16:16 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/12/09 16:30 / cp |
| Silica | 13.4 | mg/L | | 0.2 | | E200.7 | 05/12/09 16:30 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 05/12/09 16:30 / cp |
| Sulfate | 108 | mg/L | | 1 | | E300.0 | 05/19/09 06:44 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 432 | umhos/cm | | 1 | | A2510 B | 05/07/09 14:44 / dd |
| pH | 8.72 | s.u. | | 0.01 | | A4500-H B | 05/07/09 14:44 / dd |
| Solids, Total Dissolved TDS @ 180 C | 291 | mg/L | | 10 | | A2540 C | 05/08/09 08:58 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:41 / ts |
| Arsenic | 0.005 | mg/L | (| 0.001 | | E200.8 | 05/08/09 22:41 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:41 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 16:30 / cp |
| Cadmium | ND | mg/L | (| 0.005 | | E200.8 | 05/08/09 22:41 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 22:41 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 22:41 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 16:30 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 22:41 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 22:41 / ts |
| Mercury | ND | mg/L | (| 0.001 | | E200.8 | 05/08/09 22:41 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:41 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 22:41 / ts |
| Selenium | 0.028 | mg/L | | 0.001 | | E200.8 | 05/08/09 22:41 / ts |
| Uranium | 0.353 | mg/L | 0 | .0003 | | E200.8 | 05/08/09 22:41 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:41 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 05/08/09 22:41 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 0.14 | mg/L | | 0.03 | | E200.7 | 05/12/09 21:42 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/12/09 21:42 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-004

Client Sample ID: MO-106

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|----------|--------------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | <u> </u> | | | | | | |
| Gross Alpha | 271 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Alpha precision (±) | 6.3 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Alpha MDC | 1.2 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Beta | 221 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Beta precision (±) | 4,6 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Beta MDC | 3.3 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Radium 226 | 5.4 | pCi/L | | | | E903.0 | 05/26/09 21:38 / trs |
| Radium 226 precision (±) | 0.51 | pCi/L | | | | E903.0 | 05/26/09 21:38 / trs |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 05/26/09 21:38 / trs |
| Radium 228 | 1.3 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.52 | % | | | | Calculation | 05/20/09 13:52 / kbh |
| Anions | 4.31 | meq/L | | | | Calculation | 05/20/09 13:52 / kbh |
| Cations | 4.02 | meq/L | | | | Calculation | 05/20/09 13:52 / kbh |
| Solids, Total Dissolved Calculated | 272 | mg/L | | | | Calculation | 05/20/09 13:52 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 05/20/09 13:52 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-005

Client Sample ID: MP-106

Report Date: 07/09/09 Collection Date: 05/06/09 DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | • | | | | |
| Alkalinity, Total as CaCO3 | 106 | mg/L | | 1 | | A2320 B | 05/13/09 18:12 / lji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/13/09 18:12 / ljl |
| Bicarbonate as HCO3 | 130 | mg/L | | 1 | | A2320 B | 05/13/09 18:12 / Ijl |
| Calcium | 63 | mg/L | | 1 | | E200.7 | 05/12/09 16:34 / cp |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/19/09 06:59 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 15:45 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/12/09 16:34 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 14:05 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/11/09 16:17 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/12/09 16:34 / cp |
| Silica | 17.2 | mg/L | | 0.2 | | E200.7 | 05/12/09 16:34 / cp |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 05/12/09 16:34 / cp |
| Sulfate | 113 | mg/L | | 1 | | E300.0 | 05/19/09 06:59 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 456 | umhos/cm | | 1 | | A2510 B | 05/07/09 14:47 / dd |
| pH | 7.94 | s.u. | | 0.01 | | A4500-H B | 05/07/09 14:47 / dd |
| Solids, Total Dissolved TDS @ 180 C | 305 | mg/L | | 10 | | A2540 C | 05/08/09 08:59 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:47 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/08/09 22:47 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:47 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 16:34 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 22:47 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 22:47 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 22:47 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 16:34 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 22:47 / ts |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.8 | 05/08/09 22:47 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 22:47 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:47 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 22:47 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 22:47 / ts |
| Uranium | 0.0078 | mg/L | | 0.0003 | | E200.8 | 05/08/09 22:47 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 22:47 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 22:47 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 0.05 | mg/L | | 0.03 | | E200.7 | 05/19/09 21:30 / rdw |
| Manganese | ND | mg/L | O | 0.02 | | E200.7 | 05/19/09 21:30 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-005

Client Sample ID: MP-106

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| Allalyses | Nesuit | Units | Qualifiers | RL | - QUE | HIOLITOG | Allalysis batto / by |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 25.6 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Alpha precision (±) | 2.5 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Beta | 12.5 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Beta precision (±) | 1.8 | pÇi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Radium 226 | 7.7 | pCi/L | | | | E903.0 | 05/26/09 23:19 / trs |
| Radium 226 precision (±) | 0.60 | pCi/L | | | | E903.0 | 05/26/09 23:19 / trs |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 05/26/09 23:19 / trs |
| Radium 228 | 3.8 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.770 | % | | | | Calculation | 05/20/09 13:53 / kbh |
| Anions | 4.60 | meq/L | | | | Calculation | 05/20/09 13:53 / kbh |
| Cations | 4.67 | meq/L | | | | Calculation | 05/20/09 13:53 / kbh |
| Solids, Total Dissolved Calculated | 300 | mg/L | | | | Calculation | 05/20/09 13:53 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | - | | | | Calculation | 05/20/09 13:53 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek

Client Sample ID: MU-106

C09050203-006

Report Date: 07/09/09

Collection Date: 05/06/09 DateReceived: 05/07/09

Matrix: Aqueous

| | | | | | MCL/ | 80-41- | Amalusta Data / D |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 116 | mg/L | | 1 | | A2320 B | 05/13/09 18:20 / ljl |
| Carbonate as CO3 | 6 | mg/L | | 1 | | A2320 B | 05/13/09 18:20 / ljl |
| Bicarbonate as HCO3 | 129 | mg/L | | 1 | | A2320 B | 05/13/09 18:20 / ljl |
| Calcium | 64 | mg/L | | 1 | | E200.7 | 05/12/09 16:38 / cp |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/19/09 07:46 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 15:48 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/12/09 16:38 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 14:07 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/11/09 15:12 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/12/09 16:38 / cp |
| Silica | 16.3 | mg/L | | 0.2 | | E200.7 | 05/12/09 16:38 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 05/12/09 16:38 / cp |
| Sulfate | 119 | mg/L | | 1 | | E300.0 | 05/19/09 07:46 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 466 | umhos/cm | | 1 | | A2510 B | 05/07/09 14:48 / dd |
| Hq | 8.31 | s.u. | | 0.01 | | A4500-H B | 05/07/09 14:48 / dd |
| Solids, Total Dissolved TDS @ 180 C | 324 | mg/L | | 10 | | A2540 C | 05/08/09 08:59 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 23:35 / ts |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/08/09 23:35 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 23:35 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 16:38 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 23:35 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 23:35 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 23:35 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 16:38 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 23:35 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 23:35 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 23:35 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 23:35 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 23:35 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 23:35 / ts |
| Uranium | 0.0965 | mg/L | | 0.0003 | | E200.8 | 05/08/09 23:35 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 23:35 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 05/08/09 23:35 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/19/09 21:35 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/19/09 21:35 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-006

Client Sample ID: MU-106

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 491 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Alpha precision (±) | 10.2 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Beta | 179 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Beta precision (±) | 3.6 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Radium 226 | 337 | pCi/L | | | | E903.0 | 05/26/09 23:19 / trs |
| Radium 226 precision (±) | 3.8 | pCi/L | | | | E903.0 | 05/26/09 23:19 / trs |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 05/26/09 23:19 / trs |
| Radium 228 | 3.3 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.38 | % | | | | Calculation | 05/20/09 13:53 / kbh |
| Anions | 4.93 | meq/L | | | | Calculation | 05/20/09 13:53 / kbh |
| Cations | 4.80 | meq/L | | | | Calculation | 05/20/09 13:53 / kbh |
| Solids, Total Dissolved Calculated | 314 | mg/L | | | | Calculation | 05/20/09 13:53 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | - | | | | Calculation | 05/20/09 13:53 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-007

Client Sample ID: MO-107

Report Date: 07/09/09

Collection Date: 05/06/09 DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 103 | mg/L | | 1 | | A2320 B | 05/13/09 18:27 / Iji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/13/09 18:27 / Iji |
| Bicarbonate as HCO3 | 126 | mg/L | | 1 | | A2320 B | 05/13/09 18:27 / Iji |
| Calcium | 56 | mg/L | | 1 | | E200.7 | 05/12/09 16:42 / cp |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/19/09 08:01 / Iji |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 15:51 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/12/09 16:42 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 14:08 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.06 | mg/L | | 0.05 | | E353.2 | 05/11/09 16:18 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/12/09 16:42 / cp |
| Silica | 14.3 | mg/L | | 0.2 | | E200.7 | 05/12/09 16:42 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 05/12/09 16:42 / cp |
| Sulfate | 114 | mg/L | | 1 | | E300.0 | 05/19/09 08:01 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 459 | umhos/cm | | 1 | | A2510 B | 05/07/09 14:50 / dd |
| pH | 7.96 | s.u. | | 0.01 | | A4500-H B | 05/07/09 14:50 / dd |
| Solids, Total Dissolved TDS @ 180 C | 297 | mg/L | | 10 | | A2540 C | 05/08/09 09:01 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 23:42 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/08/09 23:42 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 23:42 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 16:42 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 23:42 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 23:42 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 23:42 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 16:42 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 23:42 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 23:42 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 23:42 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 23:42 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 23:42 / ts |
| Selenium | 0.020 | mg/L | | 0.001 | | E200.8 | 05/08/09 23:42 / ts |
| Uranium | 0.424 | mg/L | | 0.0003 | | E200.8 | 05/08/09 23:42 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 23:42 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 23:42 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/19/09 21:40 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/19/09 21:40 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-007

Client Sample ID: MO-107

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL_ | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|-----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 326 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Gross Alpha precision (±) | 7.0 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Gross Alpha MDC | 1.2 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Gross Beta | 177 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Gross Beta precision (±) | 4.2 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Gross Beta MDC | 3.4 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Radium 226 | 6.4 | pCi/L | | | | E903.0 | 05/26/09 23:19 / trs |
| Radium 226 precision (±) | 0.52 | pCi/L | | | | E903.0 | 05/26/09 23:19 / trs |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 05/26/09 23:19 / trs |
| Radium 228 | 1.1 | pCi/L | U | | | RA-05 | 05/20/09 14:11 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.70 | % | | | | Calculation | 05/20/09 13:54 / kbh |
| Anions | 4.56 | meq/L | | | | Calculation | 05/20/09 13:54 / kbh |
| Cations | 4.41 | meq/L | | | | Calculation | 05/20/09 13:54 / kbh |
| Solids, Total Dissolved Calculated | 290 | mg/L | | | | Calculation | 05/20/09 13:54 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | _ | | | | Calculation | 05/20/09 13:54 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-008

Client Sample ID: MP-107

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09

Matrix: Aqueous

| Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
|--------|--|--|--|--|--|--|
| | | | | | | |
| 130 | ma/l | | 1 | | A2320 B | 05/13/09 18:49 / ljl |
| | - | | | | | 05/13/09 18:49 / ljl |
| | | | | | | 05/13/09 18:49 / Iji |
| | - | | | | | 05/22/09 14:46 / cp |
| | _ | | | | | 05/23/09 16:05 / ljl |
| | | | | | | 05/11/09 15:54 / Iji |
| | | | | | | 05/22/09 14:46 / cp |
| | - | | | | | 05/08/09 14:09 / eli-b |
| | _ | | | | | 05/11/09 15:15 / eli-b |
| | - | | | | | 05/22/09 14:46 / cp |
| | • | | | | | 05/12/09 16:58 / cp |
| | | | | | | 05/22/09 14:46 / cp |
| | _ | | | | | 05/23/09 16:05 / ljl |
| 137 | mg/L | | i | | E300.0 | 05/23/09 16.05 / IJI |
| | | | | | | |
| 544 | umhos/cm | | 1 | | A2510 B | 05/07/09 15:00 / dd |
| 7.82 | s.u. | | | | | 05/07/09 15:00 / dd |
| 372 | mg/L | | 10 | | A2540 C | 05/08/09 09:01 / rp |
| | | | | | | |
| ND | mg/L | | 0.1 | | E200.8 | 05/08/09 23:48 / ts |
| 0.010 | mg/L | | 0.001 | | E200.8 | 05/08/09 23:48 / ts |
| ND | mg/L | | 0.1 | | E200.8 | 05/08/09 23:48 / ts |
| ND | mg/L | | 0.1 | | E200.7 | 05/12/09 16:58 / cp |
| ND | mg/L | | 0.005 | | E200.8 | 05/08/09 23:48 / ts |
| ND | _ | | 0.05 | | E200.8 | 05/08/09 23:48 / ts |
| ND | | | 0.01 | | E200.8 | 05/08/09 23:48 / ts |
| ND | - | | 0.03 | | E200.7 | 05/12/09 16:58 / cp |
| 0.001 | - | | 0.001 | | E200.8 | 05/08/09 23:48 / ts |
| 0.04 | mg/L | | 0.01 | | E200.8 | 05/08/09 23:48 / ts |
| ND | | | 0.001 | | E200.8 | 05/08/09 23:48 / ts |
| ND | | | 0.1 | | E200.8 | 05/08/09 23:48 / ts |
| ND | - | | 0.05 | | E200.8 | 05/08/09 23:48 / ts |
| | - | | 0.001 | | E200.8 | 05/08/09 23:48 / ts |
| | _ | | | | E200.8 | 05/08/09 23:48 / ts |
| | • | | | | | 05/08/09 23:48 / ts |
| 0.01 | mg/L | | 0.01 | | E200.8 | 05/08/09 23:48 / ts |
| | | | | | | |
| 23.8 | ma/l | | 0.03 | | E200.7 | 05/12/09 21:46 / cp |
| 0.57 | mg/L | | 0.01 | | E200.7 | 05/12/09 21:46 / cp |
| | 130 ND 158 44 5 0.2 2 0.30 0.09 2 15.1 65 137 544 7.82 372 ND 0.010 ND ND ND ND ND ND ND ND ND ND ND ND ND | 130 mg/L ND mg/L 158 mg/L 44 mg/L 5 mg/L 0.2 mg/L 0.30 mg/L 0.09 mg/L 2 mg/L 15.1 mg/L 65 mg/L 137 mg/L 137 mg/L ND mg/L O.012 mg/L O.012 mg/L O.0105 mg/L ND mg/L O.011 mg/L | 130 mg/L ND mg/L 158 mg/L 44 mg/L 5 mg/L 0.2 mg/L 0.30 mg/L 0.09 mg/L 2 mg/L 15.1 mg/L 65 mg/L 137 mg/L 544 umhos/cm 7.82 s.u. 372 mg/L ND mg/L 0.04 mg/L ND mg/L O.012 mg/L O.010 mg/L O.010 mg/L O.011 mg/L | 130 mg/L 1 ND mg/L 1 158 mg/L 1 44 mg/L 1 5 mg/L 1 0.2 mg/L 0.1 2 mg/L 0.05 0.09 mg/L 0.05 2 mg/L 1 15.1 mg/L 0.2 65 mg/L 1 137 mg/L 1 10.01 mg/L 1 10.010 mg/L 0.01 ND mg/L 0.001 ND mg/L 0.005 ND mg/L 0.01 ND mg/L 0.005 ND mg/L 0.005 ND mg/L 0.005 ND mg/L 0.005 ND mg/L 0.001 | 130 mg/L 1 ND mg/L 1 158 mg/L 1 5 mg/L 1 5 mg/L 1 0.2 mg/L 0.1 2 mg/L 1 0.30 mg/L 0.05 0.09 mg/L 0.05 2 mg/L 1 15.1 mg/L 0.2 65 mg/L 1 137 mg/L 1 544 umhos/cm 1 7.82 s.u. 0.01 372 mg/L 10 ND mg/L 0.1 ND mg/L 0.05 ND mg/L 0.05 ND mg/L 0.005 ND mg/L 0.001 ND mg/L 0.0003 ND mg/L 0.0003 ND mg/L 0.0001 | 130 mg/L 1 A2320 B ND mg/L 1 A2320 B 158 mg/L 1 A2320 B 44 mg/L 1 E200.7 5 mg/L 1 E300.0 0.2 mg/L 0.1 A4500-F C 2 mg/L 1 E200.7 0.30 mg/L 0.05 E350.1 0.09 mg/L 0.05 E350.1 0.09 mg/L 0.05 E353.2 2 mg/L 1 E200.7 15.1 mg/L 0.2 E200.7 65 mg/L 1 E200.7 137 mg/L 1 E200.7 137 mg/L 1 E200.7 ND mg/L 1 E200.7 ND mg/L 0.01 A4500-H B 372 mg/L 0.01 E200.8 ND mg/L 0.1 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.03 E200.7 0.001 mg/L 0.001 E200.8 ND mg/L 0.001 E200.8 |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek C09050203-008

Client Sample ID: MP-107

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 165 | pCi/L | | | | E900.0 | 05/23/09 03:24 / cgr |
| Gross Alpha precision (±) | 5.6 | pCi/L | | | | E900.0 | 05/23/09 03:24 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 05/23/09 03:24 / cgr |
| Gross Beta | 31.8 | pCi/L | | | | E900.0 | 05/23/09 03:24 / cgr |
| Gross Beta precision (±) | 2.1 | pCi/L | | | | E900.0 | 05/23/09 03:24 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 05/23/09 03:24 / cgr |
| Radium 226 | 2.5 | pCi/L | | | | E903.0 | 05/27/09 17:25 / trs |
| Radium 226 precision (±) | 0.31 | pCi/L | | | | E903.0 | 05/27/09 17:25 / trs |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 05/27/09 17:25 / trs |
| Radium 228 | 0.7 | pCi/L | U | | | RA-05 | 05/21/09 14:53 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/21/09 14:53 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/21/09 14:53 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.09 | % | | | | Calculation | 05/28/09 07:42 / kbh |
| Anions | 5.63 | meq/L | | | | Calculation | 05/28/09 07:42 / kbh |
| Cations | 5.29 | meq/L | | | | Calculation | 05/28/09 07:42 / kbh |
| Solids, Total Dissolved Calculated | 354 | mg/L | | | | Calculation | 05/28/09 07:42 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | - | | | | Calculation | 05/28/09 07:42 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-009

Client Sample ID: MU-107

Report Date: 07/09/09 Collection Date: 05/06/09 DateReceived: 05/07/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 92 | mg/L | | 1 | | A2320 B | 05/13/09 18:57 / Ijl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/13/09 18:57 / ljl |
| Bicarbonate as HCO3 | 112 | mg/L | | 1 | | A2320 B | 05/13/09 18:57 / Ijl |
| Calcium | 51 | mg/L | | 1 | | E200.7 | 05/12/09 17:10 / cp |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/19/09 09:03 / IjI |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 15:56 / Ijl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/12/09 17:10 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 14:10 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/11/09 16:22 / eli-l |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/12/09 17:10 / cp |
| Silica | 15.6 | mg/L | | 0.2 | | E200.7 | 05/12/09 17:10 / cp |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 05/12/09 17:10 / cp |
| Sulfate | 115 | mg/L | | 1 | | E300.0 | 05/19/09 09:03 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 440 | umhos/cm | | 1 | | A2510 B | 05/07/09 15:02 / dd |
| oH | 8.22 | s.u. | | 0.01 | | A4500-H B | 05/07/09 15:02 / dd |
| Solids, Total Dissolved TDS @ 180 C | 287 | mg/L | | 10 | | A2540 C | 05/08/09 09:03 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 23:55 / ts |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/08/09 23:55 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 23:55 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 17:10 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/08/09 23:55 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 23:55 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 23:55 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 17:10 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 23:55 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/08/09 23:55 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 23:55 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 23:55 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/08/09 23:55 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/08/09 23:55 / ts |
| Uranium | 0.0175 | mg/L | | 0.0003 | | E200.8 | 05/08/09 23:55 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/08/09 23:55 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 05/08/09 23:55 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/19/09 22:00 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/19/09 22:00 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-009

Client Sample ID: MU-107

Report Date: 07/09/09

Collection Date: 05/06/09 DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 47.9 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Alpha precision (±) | 3.2 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Beta | 19.9 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Radium 226 | 8.9 | pCi/L | | | | E903.0 | 05/26/09 21:38 / trs |
| Radium 226 precision (±) | 0.65 | pCi/L | | | | E903.0 | 05/26/09 21:38 / trs |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 05/26/09 21:38 / trs |
| Radium 228 | 4.7 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/20/09 14:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.29 | % | | | | Calculation | 05/20/09 13:55 / kbh |
| Anions | 4.35 | meq/L | | | | Calculation | 05/20/09 13:55 / kbh |
| Cations | 4.15 | meq/L | | | | Calculation | 05/20/09 13:55 / kbh |
| Solids, Total Dissolved Calculated | 282 | mg/L | | | | Calculation | 05/20/09 13:55 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | - | | | | Calculation | 05/20/09 13:55 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-010

Client Sample ID: M-133

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | · - | | | | | | |
| Alkalinity, Total as CaCO3 | 91 | mg/L | | 1 | | A2320 B | 05/13/09 19:04 / Ijl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/13/09 19:04 / Ijl |
| Bicarbonate as HCO3 | 111 | mg/L | | 1 | | A2320 B | 05/13/09 19:04 / Ijl |
| Calcium | 50 | mg/L | | 1 | | E200.7 | 05/12/09 17:18 / cp |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/19/09 09:18 / IjI |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/11/09 16:00 / Ijl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/12/09 17:18 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 14:11 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/11/09 16:25 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/12/09 17:18 / cp |
| Silica | 15.3 | mg/L | | 0.2 | | E200.7 | 05/12/09 17:18 / cp |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 05/12/09 17:18 / cp |
| Sulfate | 115 | mg/L | | 1 | | E300.0 | 05/19/09 09:18 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 440 | umhos/cm | | 1 | | A2510 B | 05/07/09 15:04 / dd |
| pH | 8.23 | s.u. | | 0.01 | | A4500-H B | 05/07/09 15:04 / dd |
| Solids, Total Dissolved TDS @ 180 C | 293 | mg/L | | 10 | | A2540 C | 05/08/09 09:03 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 00:02 / ts |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/09/09 00:02 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 00:02 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 17:18 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/09/09 00:02 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 00:02 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 00:02 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 17:18 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 00:02 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 00:02 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 00:02 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 00:02 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 00:02 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 00:02 / ts |
| Uranium | 0.0174 | mg/L | | 0.0003 | | E200.8 | 05/09/09 00:02 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 00:02 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 05/09/09 00:02 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/19/09 22:05 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/19/09 22:05 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-010

Client Sample ID: M-133

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 53.8 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Alpha precision (±) | 3.3 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Beta | 21.2 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/04/09 02:05 / cgr |
| Radium 226 | 8.7 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 226 precision (±) | 0.66 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 228 | 4.9 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| Radium 228 MDC | 1.6 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.97 | % | | | | Calculation | 05/26/09 09:14 / kbh |
| Anions | 4.35 | meq/L | | | | Calculation | 05/26/09 09:14 / kbh |
| Cations | 4.09 | meq/L | | | | Calculation | 05/26/09 09:14 / kbh |
| Solids, Total Dissolved Calculated | 280 | mg/L | | | | Calculation | 05/26/09 09:14 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | | | | | Calculation | 05/26/09 09:14 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-011

Client Sample ID: MO-108

Report Date: 07/09/09 Collection Date: 05/06/09 DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-------------|------------------------|
| MAJOR IONS | | | , | | | • • • • • • | • |
| Alkalinity, Total as CaCO3 | 107 | mg/L | | 1 | | A2320 B | 05/13/09 19:11 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/13/09 19:11 / ljl |
| Bicarbonate as HCO3 | 130 | mg/L | | 1 | | A2320 B | 05/13/09 19:11 / ljl |
| Calcium | 60 | mg/L | | 1 | | E200.7 | 05/12/09 17:23 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/19/09 09:33 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/11/09 16:02 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/12/09 17:23 / cp |
| Nitrogen, Ammonia as N | 0.36 | mg/L | | 0.05 | | E350.1 | 05/08/09 14:13 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/11/09 16:26 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/12/09 17:23 / cp |
| Silica | 14.9 | mg/L | | 0.2 | | E200.7 | 05/12/09 17:23 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 05/12/09 17:23 / cp |
| Sulfate | 119 | mg/L | | 1 | | E300.0 | 05/19/09 09:33 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 471 | umhos/cm | | 1 | | A2510 B | 05/07/09 15:05 / dd |
| pH | 8.02 | s.u. | | 0.01 | | A4500-H B | 05/07/09 15:05 / dd |
| Solids, Total Dissolved TDS @ 180 C | 312 | mg/L | | 10 | | A2540 C | 05/08/09 09:04 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 00:09 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/09/09 00:09 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 00:09 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 17:23 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/09/09 00:09 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 00:09 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 00:09 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 17:23 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 00:09 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/09/09 00:09 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 00:09 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 00:09 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 00:09 / ts |
| Selenium | 0.005 | mg/L | | 0.001 | | E200.8 | 05/09/09 00:09 / ts |
| Uranium | 0.347 | mg/L | | 0.0003 | | E200.8 | 05/09/09 00:09 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 00:09 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 00:09 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/19/09 22:26 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/19/09 22:26 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-011

Client Sample ID: MO-108

Report Date: 07/09/09

Collection Date: 05/06/09 DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|--|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | ······································ | | |
| Gross Alpha | 302 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Alpha precision (±) | 7.8 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta | 87.6 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta precision (±) | 2.8 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Radium 226 | 4.7 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 226 precision (±) | 0.43 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 228 | 1.9 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.07 | % | | | | Calculation | 05/20/09 13:56 / kbh |
| Anions | 4.73 | meq/L | | | | Calculation | 05/20/09 13:56 / kbh |
| Cations | 4.63 | meq/L | | | | Calculation | 05/20/09 13:56 / kbh |
| Solids, Total Dissolved Calculated | 302 | mg/L | | | | Calculation | 05/20/09 13:56 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | - | | | | Calculation | 05/20/09 13:56 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-012

Client Sample ID: MP-108

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09 Matrix: Aqueous

| | | MCL/ | | | | | | | |
|-------------------------------------|--------|----------|------------|--------|-----|-----------|------------------------|--|--|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By | | |
| MAJOR IONS | | | | | | | | | |
| Alkalinity, Total as CaCO3 | 108 | mg/L | | 1 | | A2320 B | 05/13/09 19:27 / ljl | | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/13/09 19:27 / ljl | | |
| Bicarbonate as HCO3 | 132 | mg/L | | 1 | | A2320 B | 05/13/09 19:27 / ljl | | |
| Calcium | 71 | mg/L | | 1 | | E200.7 | 05/12/09 17:27 / cp | | |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/19/09 09:49 / ljl | | |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/14/09 12:50 / ljl | | |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/12/09 17:27 / cp | | |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 14:16 / eli-b | | |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/11/09 16:28 / eli-b | | |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/12/09 17:27 / cp | | |
| Silica | 15.4 | mg/L | | 0.2 | | E200.7 | 05/12/09 17:27 / cp | | |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 05/12/09 17:27 / cp | | |
| Sulfate | 145 | mg/L | | 1 | | E300.0 | 05/19/09 09:49 / Ijl | | |
| PHYSICAL PROPERTIES | | | | | | | | | |
| Conductivity | 517 | umhos/cm | | 1 | | A2510 B | 05/07/09 15:07 / dd | | |
| pH | 7.92 | s.u. | | 0.01 | | A4500-H B | 05/07/09 15:07 / dd | | |
| Solids, Total Dissolved TDS @ 180 C | 352 | mg/L | | 10 | | A2540 C | 05/08/09 09:04 / rp | | |
| METALS - DISSOLVED | | | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 00:16 / ts | | |
| Arsenic | 0.007 | mg/L | | 0.001 | | E200.8 | 05/09/09 00:16 / ts | | |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 00:16 / ts | | |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 17:27 / cp | | |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/09/09 00:16 / ts | | |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 00:16 / ts | | |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 00:16 / ts | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 17:27 / cp | | |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 00:16 / ts | | |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/09/09 00:16 / ts | | |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 00:16 / ts | | |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 00:16 / ts | | |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 00:16 / ts | | |
| Selenium | 0.005 | mg/L | | 0.001 | | E200.8 | 05/09/09 00:16 / ts | | |
| Uranium | 0.159 | mg/L | | 0.0003 | | E200.8 | 05/09/09 00:16 / ts | | |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 00:16 / ts | | |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 00:16 / ts | | |
| METALS - TOTAL | | | | | | | | | |
| Iron | 0.04 | mg/L | | 0.03 | | E200.7 | 05/12/09 21:50 / cp | | |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 05/12/09 21:50 / cp | | |
| Thorium 232 | ND | mg/L | | 0.001 | | E200.8 | 05/14/09 14:23 / ts | | |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-012

Client Sample ID: MP-108

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Resulf | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 355 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Alpha precision (±) | 8.8 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta | 154 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta precision (±) | 3.4 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Radium 226 | 79 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 226 precision (±) | 1.9 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 228 | 2.0 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.33 | % | | | | Calculation | 05/20/09 13:57 / kbh |
| Anions | 5.33 | meq/L | | | | Calculation | 05/20/09 13:57 / kbh |
| Cations | 5.19 | meq/L | | | | Calculation | 05/20/09 13:57 / kbh |
| Solids, Total Dissolved Calculated | 341 | mg/L | | | | Calculation | 05/20/09 13:57 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | - | | | | Calculation | 05/20/09 13:57 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-013

Client Sample ID: MO-109

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 108 | mg/L | | 1 | | A2320 B | 05/13/09 19:34 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/13/09 19:34 / ljl |
| Bicarbonate as HCO3 | 131 | mg/L | | 1 | | A2320 B | 05/13/09 19:34 / ljl |
| Calcium | 63 | mg/L | | 1 | | E200.7 | 05/12/09 17:31 / cp |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/19/09 10:04 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/14/09 12:53 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/12/09 17:31 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 14:20 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.17 | mg/L | | 0.05 | | E353.2 | 05/11/09 16:29 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/12/09 17:31 / cp |
| Silica | 15.5 | mg/L | | 0.2 | | E200.7 | 05/12/09 17:31 / cp |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 05/12/09 17:31 / cp |
| Sulfate | 122 | mg/L | | 1 | | E300.0 | 05/19/09 10:04 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 484 | umhos/cm | | 1 | | A2510 B | 05/07/09 15:09 / dd |
| pH | 7.90 | s.u. | | 0.01 | | A4500-H B | 05/07/09 15:09 / dd |
| Solids, Total Dissolved TDS @ 180 C | 324 | mg/L | | 10 | | A2540 C | 05/08/09 09:04 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 17:31 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 02:25 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 02:25 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 17:31 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/09/09 02:25 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 02:25 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 02:25 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 17:31 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 02:25 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 02:25 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 02:25 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 02:25 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 02:25 / ts |
| Selenium | 0.026 | mg/L | | 0.001 | | E200.8 | 05/09/09 02:25 / ts |
| Uranium | 0.418 | mg/L | | 0.0003 | | E200.8 | 05/09/09 02:25 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 02:25 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 02:25 / ts |
| METALS - TOTAL | | | | | | | |
| iron | ND | mg/L | | 0.03 | | E200.7 | 05/19/09 22:31 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/19/09 22:31 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

Client Sample ID: MO-109

C09050203-013

Report Date: 07/09/09

Collection Date: 05/06/09 DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 424 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Gross Alpha precision (±) | 8.2 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Gross Beta | 169 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Gross Beta precision (±) | 4.1 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Gross Beta MDC | 3.4 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Radium 226 | 3.9 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 226 precision (±) | 0.44 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 228 | 2.6 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.72 | % | | | | Calculation | 05/20/09 13:57 / kbh |
| Anions | 4.90 | meq/L | | | | Calculation | 05/20/09 13:57 / kbh |
| Cations | 4.73 | meq/L | | | | Calculation | 05/20/09 13:57 / kbh |
| Solids, Total Dissolved Calculated | 312 | mg/L | | | | Calculation | 05/20/09 13:57 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | - | | | | Calculation | 05/20/09 13:57 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-014

Client Sample ID: MP-109

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-----|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 217 | mg/L | | 1 | | A2320 B | 05/13/09 19:42 / ljl |
| Carbonate as CO3 | 26 | mg/L | | 1 | | A2320 B | 05/13/09 19:42 / lji |
| Bicarbonate as HCO3 | ND | mg/L | | 1 | | A2320 B | 05/13/09 19:42 / lji |
| Calcium | 99 | mg/L | | 1 | | E200.7 | 05/12/09 17:35 / cp |
| Chloride | 29 | mg/L | | 1 | | E300.0 | 05/19/09 10:20 / lji |
| Fluoride | 0.3 | mg/L | | 0.1 | | A4500-F C | 05/14/09 12:58 / lji |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 05/12/09 17:35 / cp |
| Nitrogen, Ammonia as N | 0.70 | mg/L | | 0.05 | | E350.1 | 05/08/09 14:21 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/11/09 16:30 / eli-b |
| Potassium | 32 | mg/L | | 1 | | E200.7 | 05/12/09 17:35 / cp |
| Silica | 6.3 | mg/L | | 0.2 | | E200.7 | 05/12/09 17:35 / cp |
| Sodium | 44 | mg/L | | 1 | | E200.7 | 05/12/09 17:35 / cp |
| Sulfate | 97 | mg/L | | 1 | | E300.0 | 05/19/09 10:20 / lji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 1240 | umhos/cm | | 1 | | A2510 B | 05/07/09 15:11 / dd |
| pH | 11.8 | s.u. | | 0.01 | | A4500-H B | 05/07/09 15:11 / dd |
| Solids, Total Dissolved TDS @ 180 C | 473 | mg/L | | 10 | | A2540 C | 05/08/09 09:04 / rp |
| | | | | | | | |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | 0.9 | mg/L | | 0.1 | | E200.7 | 05/12/09 17:35 / cp |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/09/09 02:32 / ts |
| Barium | 0.1 | mg/L | | 0.1 | | E200.8 | 05/09/09 02:32 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 17:35 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/09/09 02:32 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 02:32 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 02:32 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 17:35 / cp |
| Lead | 0.002 | mg/L | | 0.001 | | E200.8 | 05/09/09 02:32 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 02:32 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 02:32 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 02:32 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 02:32 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 02:32 / ts |
| Uranium | 0.0490 | mg/L | | 0.0003 | | E200.8 | 05/09/09 02:32 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 02:32 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 02:32 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | Ð | 0.07 | | E200.7 | 05/26/09 19:06 / cp |
| Manganese | ND | mg/L | D | 0.1 | | E200.7 | 05/19/09 22:36 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-014

Client Sample ID: MP-109

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Aipha | 110 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Alpha precision (±) | 6.8 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Alpha MDC | 3.3 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta | 71.8 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta precision (±) | 4.0 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta MDC | 4.7 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Radium 226 | 34 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 226 precision (±) | 1.2 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 228 | 3.0 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 3.59 | % | | | | Calculation | 07/08/09 13:36 / sec |
| Anions | 7.19 | meq/L | | | | Calculation | 07/08/09 13:36 / sec |
| Cations | 7.73 | meq/L | | | | Calculation | 07/08/09 13:36 / sec |
| Solids, Total Dissolved Calculated | 440 | mg/L | | | | Calculation | 07/08/09 13:36 / sec |
| TDS Balance (0.80 - 1.20) | 1.08 | _ | | | | Calculation | 07/08/09 13:36 / sec |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-015

Client Sample ID: MP-113

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09 Matrix: Aqueous

| | | | | | MCL/ | | |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualiflers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 99 | mg/L | | 1 | | A2320 B | 05/13/09 19:49 / ljl |
| Carbonate as CO3 | 7 | mg/L | | 1 | | A2320 B | 05/13/09 19:49 / ljl |
| Bicarbonate as HCO3 | 107 | mg/L | | 1 | | A2320 B | 05/13/09 19:49 / ljl |
| Calcium | 58 | mg/L | | 1 | | E200.7 | 05/11/09 19:35 / rdw |
| Chloride | 17 | mg/L | | 1 | | E300.0 | 05/19/09 10:35 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/14/09 13:01 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/11/09 19:35 / rdw |
| Nitrogen, Ammonia as N | 0.08 | mg/L | | 0.05 | | E350.1 | 05/08/09 14:22 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/11/09 16:31 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 05/11/09 19:35 / rdw |
| Silica | 14.3 | mg/L | | 0.2 | | E200.7 | 05/12/09 18:27 / cp |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 05/11/09 19:35 / rdw |
| Sulfate | 142 | mg/L | | 1 | | E300.0 | 05/19/09 10:35 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 551 | umhos/cm | | 1 | | A2510 B | 05/07/09 15:14 / dd |
| pH | 8.90 | s.u. | | 0.01 | | A4500-H B | 05/07/09 15:14 / dd |
| Solids, Total Dissolved TDS @ 180 C | 366 | mg/L | | 10 | | A2540 C | 05/08/09 09:05 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 18:27 / cp |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/09/09 02:39 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 02:39 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 18:27 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/09/09 02:39 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 02:39 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 02:39 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 18:27 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 02:39 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 02:39 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 02:39 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 02:39 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 02:39 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 02:39 / ts |
| Uranium | 0.144 | mg/L | | 0.0003 | , | E200.8 | 05/09/09 02:39 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 02:39 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 02:39 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/19/09 22:41 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/19/09 22:41 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-015

Client Sample ID: MP-113

Report Date: 07/09/09

Collection Date: 05/06/09

DateReceived: 05/07/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | • | |
| Gross Alpha | 682 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Gross Alpha precision (±) | 10.8 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Gross Beta | 385 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Gross Beta precision (±) | 5.8 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Gross Beta MDC | 3.4 | pCi/L | | | | E900.0 | 06/12/09 23:15 / cgr |
| Radium 226 | 595 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 226 precision (±) | 5.2 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 228 | 6.8 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.14 | % | | | | Calculation | 05/20/09 14:05 / kbh |
| Anions | 5.42 | meq/L | | | | Calculation | 05/20/09 14:05 / kbh |
| Cations | 5.30 | meq/L | | | | Calculation | 05/20/09 14:05 / kbh |
| Solids, Total Dissolved Calculated | 348 | mg/L | | | | Calculation | 05/20/09 14:05 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | | | | | Calculation | 05/20/09 14:05 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-016

Client Sample ID: MU-109

Report Date: 07/09/09

Collection Date: 05/06/09 DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 57 | mg/L | | 1 | | A2320 B | 05/13/09 19:57 / ljl |
| Carbonate as CO3 | 8 | mg/L | | 1 | | A2320 B | 05/13/09 19:57 / ljl |
| Bicarbonate as HCO3 | 53 | mg/L | | 1 | | A2320 B | 05/13/09 19:57 / ljl |
| Calcium | 33 | mg/L | | 1 | | E200.7 | 05/11/09 19:40 / rdw |
| Chloride | 7 | mg/L | | 1 | | E300.0 | 05/19/09 11:37 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/14/09 13:04 / |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 05/11/09 19:40 / rdw |
| Nitrogen, Ammonia as N | 0.18 | mg/L | | 0.05 | | E350.1 | 05/08/09 14:23 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/11/09 16:32 / eli-b |
| Potassium | 14 | mg/L | | 1 | | E200.7 | 05/11/09 19:40 / rdw |
| Silica | 13.4 | mg/L | | 0.2 | | E200.7 | 05/12/09 18:31 / cp |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 05/11/09 19:40 / rdw |
| Sulfate | 109 | mg/L | | 1 | | E300.0 | 05/19/09 11:37 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 403 | umhos/cm | | 1 | | A2510 B | 05/07/09 15:16 / dd |
| oH | 9.46 | s.u. | | 0.01 | | A4500-H B | 05/07/09 15:16 / dd |
| Solids, Total Dissolved TDS @ 180 C | 260 | mg/L | | 10 | | A2540 C | 05/08/09 09:05 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 18:31 / cp |
| Arsenic | 0.015 | mg/L | | 0.001 | | E200.8 | 05/09/09 02:59 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 02:59 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 18:31 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/09/09 02:59 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 02:59 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 02:59 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 18:31 / cp |
| Lead | 0.001 | mg/L | | 0.001 | | E200.8 | 05/09/09 02:59 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 02:59 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 02:59 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 02:59 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 02:59 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 02:59 / ts |
| Uranium | 0.0107 | mg/L | | 0.0003 | | E200.8 | 05/09/09 02:59 / ts |
| Vanadium | ND | mg/L | | 0.000 | | E200.8 | 05/09/09 02:59 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 02:59 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/19/09 22:46 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/19/09 22:46 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-016

Client Sample ID: MU-109

Report Date: 07/09/09

Collection Date: 05/06/09 DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 26.2 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Alpha precision (±) | 2.4 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta | 24.4 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Radium 226 | 2,7 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 226 precision (±) | 0.37 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 05/27/09 01:02 / jah |
| Radium 228 | 2.9 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.01 | % | | | | Calculation | 05/20/09 14:06 / kbh |
| Anions | 3.61 | meq/L | | | | Calculation | 05/20/09 14:06 / kbh |
| Cations | 3.54 | meq/L | | | | Calculation | 05/20/09 14:06 / kbh |
| Solids, Total Dissolved Calculated | 249 | mg/L | | | | Calculation | 05/20/09 14:06 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | - | | | | Calculation | 05/20/09 14:06 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-017

Client Sample ID: M-134

Report Date: 07/09/09 Collection Date: 05/06/09 DateReceived: 05/07/09

Matrix: Aqueous

| A | B | | | | MCL/ | الم مذاء ما | Amaliata Data / Di- |
|-------------------------------------|--------|----------|------------|--------|------|-------------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 1 | mg/L | В | 1 | | A2320 B | 05/13/09 20:01 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/13/09 20:01 / ljl |
| Bicarbonate as HCO3 | 2 | mg/L | В | 1 | | A2320 B | 05/13/09 20:01 / Iji |
| Calcium | ND | mg/L | | 1 | | E200.7 | 05/11/09 19:45 / rdw |
| Chloride | ND | mg/L | | 1 | | E300.0 | 05/19/09 11:52 / Iji |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 05/14/09 13:16 / Iji |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 05/11/09 19:45 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 14:24 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/11/09 16:34 / eli-b |
| Potassium | ND | mg/L | | 1 | | E200.7 | 05/11/09 19:45 / rdw |
| Silica | ND | mg/L | | 0.2 | | E200.7 | 05/12/09 18:35 / cp |
| Sodium | ND | mg/L | | 1 | | E200.7 | 05/11/09 19:45 / rdw |
| Sulfate | ND | mg/L | | 1 | | E300.0 | 05/19/09 11:52 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 1 | umhos/cm | | 1 | | A2510 B | 05/08/09 11:55 / dd |
| Hq | 5.80 | s.u. | | 0.01 | | A4500-H B | 05/08/09 11:55 / dd |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | | 10 | | A2540 C | 05/08/09 09:05 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 18:35 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 03:06 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 03:06 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 18:35 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/09/09 03:06 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 03:06 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 03:06 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 18:35 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 03:06 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 03:06 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 03:06 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 03:06 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 03:06 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 03:06 / ts |
| Uranium | ND | mg/L | | 0.0003 | | E200.8 | 05/09/09 03:06 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 03:06 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 03:06 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/19/09 22:51 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/19/09 22:51 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-017

Client Sample ID: M-134

Report Date: 07/09/09

Collection Date: 05/06/09 DateReceived: 05/07/09

Matrix: Aqueous

| Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---------|--|---|--|--|---|--|
| | | <u> </u> | | | | |
| -0.3 | pCi/L | U | | | E900.0 | 06/05/09 04:41 / cgr |
| 0.6 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| 1.0 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| -2 | pCi/L | U | | | E900.0 | 06/05/09 04:41 / cgr |
| 1.4 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| 2.5 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| 0.05 | pCi/L | U | | | E903.0 | 05/27/09 02:54 / jah |
| 0.11 | pCi/L | | | | E903.0 | 05/27/09 02:54 / jah |
| 0.17 | pCi/L | | | | E903.0 | 05/27/09 02:54 / jah |
| 0.02 | pCi/L | U | | | RA-05 | 05/21/09 10:37 / plj |
| 0.7 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| 1.2 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| | | | | | | |
| -69.9 | % | | | | Calculation | 05/20/09 14:08 / kbh |
| 0.0288 | meg/L | | | | Calculation | 05/20/09 14:08 / kbh |
| 0.00509 | • | | | | Calculation | 05/20/09 14:08 / kbh |
| • | -0.3 0.6 1.0 -2 1.4 2.5 0.05 0.11 0.17 0.02 0.7 1.2 -69.9 0.0288 0.00509 | -0.3 pCi/L 0.6 pCi/L 1.0 pCi/L -2 pCi/L 1.4 pCi/L 2.5 pCi/L 0.05 pCi/L 0.11 pCi/L 0.17 pCi/L 0.02 pCi/L 0.7 pCi/L 1.2 pCi/L | -0.3 pCi/L U 0.6 pCi/L 1.0 pCi/L -2 pCi/L U 1.4 pCi/L 2.5 pCi/L 0.05 pCi/L 0.11 pCi/L 0.17 pCi/L 0.02 pCi/L 0.7 pCi/L 1.2 pCi/L 1.2 pCi/L -69.9 % 0.0288 meq/L 0.00509 meq/L | -0.3 pCi/L U 0.6 pCi/L 1.0 pCi/L -2 pCi/L U 1.4 pCi/L 2.5 pCi/L 0.05 pCi/L U 0.11 pCi/L 0.17 pCi/L 0.02 pCi/L 0.7 pCi/L 1.2 pCi/L 1.2 pCi/L 1.2 pCi/L 0.0288 meg/L 0.00509 meg/L | -0.3 pCi/L U 0.6 pCi/L 1.0 pCi/L -2 pCi/L U 1.4 pCi/L 2.5 pCi/L 0.05 pCi/L 0.11 pCi/L 0.17 pCi/L 0.02 pCi/L U 0.7 pCi/L 1.2 pCi/L 1.2 pCi/L -69.9 % 0.0288 meq/L 0.00509 meq/L | -0.3 pCi/L U E900.0 0.6 pCi/L E900.0 1.0 pCi/L E900.0 -2 pCi/L U E900.0 1.4 pCi/L E900.0 2.5 pCi/L E900.0 0.05 pCi/L U E903.0 0.11 pCi/L E903.0 0.17 pCi/L E903.0 0.17 pCi/L E903.0 0.02 pCi/L U RA-05 0.7 pCi/L RA-05 1.2 pCi/L RA-05 -69.9 % Calculation 0.0288 meq/L Calculation 0.00509 meq/L Calculation |

The ion balance is not appropriate for near blank results.

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-018

Client Sample ID: MU-111

Report Date: 07/09/09 Collection Date: 05/06/09

DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 69 | mg/L | | 1 | | A2320 B | 05/13/09 20:24 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/13/09 20:24 / ljl |
| Bicarbonate as HCO3 | 84 | mg/L | | 1 | | A2320 B | 05/13/09 20:24 / ljl |
| Calcium | 38 | mg/L | | 1 | | E200.7 | 05/11/09 20:00 / rdw |
| Chloride | 8 | mg/L | | 1 | | E300.0 | 05/19/09 12:08 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/14/09 13:19 / ljl |
| Magnesium | 1 | mg/L | | 1 | | E200.7 | 05/11/09 20:00 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/08/09 14:26 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/11/09 16:35 / eli-b |
| Potassium | 14 | mg/L | | 1 | | E200.7 | 05/11/09 20:00 / rdw |
| Silica | 13.7 | mg/L | | 0.2 | | E200.7 | 05/12/09 18:39 / cp |
| Sodium | 36 | mg/L | | 1 | | E200.7 | 05/11/09 20:00 / rdw |
| Sulfate | 131 | mg/L | | 1 | | E300.0 | 05/19/09 12:08 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 461 | umhos/cm | | 1 | | A2510 B | 05/08/09 11:57 / dd |
| pH | 8.65 | s.u. | | 0.01 | | A4500-H B | 05/08/09 11:57 / dd |
| Solids, Total Dissolved TDS @ 180 C | 310 | mg/L | | 10 | | A2540 C | 05/08/09 09:06 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | 0.2 | mg/L | | 0.1 | | E200.7 | 05/12/09 18:39 / cp |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/09/09 03:12 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 03:12 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 18:39 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/09/09 03:12 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 03:12 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 03:12 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 18:39 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 03:12 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 03:12 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 03:12 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 03:12 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/09/09 03:12 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/09/09 03:12 / ts |
| Uranium | 0.0391 | mg/L | | 0.0003 | | E200.8 | 05/09/09 03:12 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/09/09 03:12 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/09/09 03:12 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/19/09 22:57 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/19/09 22:57 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050203-018

Client Sample ID: MU-111

Report Date: 07/09/09

Collection Date: 05/06/09 DateReceived: 05/07/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 305 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Alpha precision (±) | 7.8 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta | 123 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta precision (±) | 3.1 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Radium 226 | 117 | pCi/L | | | | E903.0 | 05/27/09 02:54 / jah |
| Radium 226 precision (±) | 2.1 | pCi/L | | | | E903.0 | 05/27/09 02:54 / jah |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 05/27/09 02:54 / jah |
| Radium 228 | 4.0 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/21/09 10:37 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.62 | % | | | | Calculation | 05/20/09 14:09 / kbh |
| Anions | 4.34 | meq/L | | | | Calculation | 05/20/09 14:09 / kbh |
| Cations | 3.96 | meq/L | | | | Calculation | 05/20/09 14:09 / kbh |
| Solids, Total Dissolved Calculated | 288 | mg/L | | | | Calculation | 05/20/09 14:09 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | _ | | | | Calculation | 05/20/09 14:09 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client: UR Energy USA Inc

Report Date: 07/09/09

Project: Lost Creek

Work Order: C09050203

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|--------------|-------------|-----------------|-----|------|-------------|-------------|-----|----------|-----------|
| Method: A2320 B | | | | | | | | | Batch: | R118037 |
| Sample ID: MBLK | <u>3</u> Me | thod Blank | | | | Run: MANT | ECH_090511B | | 05/11 | /09 16:50 |
| Alkalinity, Total as CaCO3 | | 4 | mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | | ND | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | | 5 | mg/L | 1 | | | | | | |
| Sample ID: LCS1 | Lat | ooratory Co | ntrol Sample | | | Run: MANT | ECH_090511B | | 05/11 | /09 17:05 |
| Alkalinity, Total as CaCO3 | | 207 | mg/L | 5.0 | 102 | 90 | 110 | | | |
| Sample ID: LCS | Lat | oratory Co | ntrol Sample | | | Run: MANT | ECH_090511B | | 05/11 | /09 17:12 |
| Alkalinity, Total as CaCO3 | | 52.8 | mg/L | 5.0 | 98 | 90 | 110 | | | |
| Sample ID: C09050181-002AMS | Sai | mple Matrix | Spike | | | Run: MANT | ECH_090511B | | 05/12 | /09 02:31 |
| Alkalinity, Total as CaCO3 | | 289 | mg/L | 5.0 | 100 | 80 | 120 | | | |
| Sample ID: C09050181-002AMSE |) Sai | mple Matrix | Spike Duplicate | | | Run: MANT | ECH_090511B | | 05/12 | /09 02:38 |
| Alkalinity, Total as CaCO3 | | 289 | mg/L | 5.0 | 100 | 80 | 120 | 0 | 20 | |
| Method: A2320 B | | | | | | | · · - | | Batch | R118155 |
| Sample ID: MBLK | <u>3</u> Me | thod Blank | | | | Run: MANT | ECH_090513A | | 05/13 | /09 17:21 |
| Alkalinity, Total as CaCO3 | | 3 | mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | | ND | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | | 4 | mg/L | 1 | | | | | | |
| Sample ID: LCS1 | Lat | oratory Co | ntrol Sample | | | Run: MANT | ECH_090513A | | 05/13 | /09 17:36 |
| Alkalinity, Total as CaCO3 | | 205 | mg/L | 5.0 | 101 | 90 | 110 | | | |
| Sample ID: LCS | Lat | oratory Co | ntrol Sample | | | Run: MANT | ECH_090513A | | 05/13 | /09 17:43 |
| Alkalinity, Total as CaCO3 | | 52.4 | mg/L | 5.0 | 98 | 90 | 110 | | | |
| Sample ID: C09050203-007AMS | Sai | mple Matrix | Spike | | | Run: MANT | ECH_090513A | | 05/13 | /09 18:34 |
| Alkalinity, Total as CaCO3 | | 228 | mg/L | 5.0 | 99 | 80 | 120 | | | |
| Sample ID: C09050203-007AMSI |) Sai | mple Matrix | Spike Duplicate | | | Run: MANT | ECH_090513A | | 05/13 | /09 18:42 |
| Alkalinity, Total as CaCO3 | | 230 | mg/L | 5.0 | 101 | 80 | 120 | 1 | 20 | |
| Sample ID: C09050203-017AMS | Sai | mple Matrix | Spike | | | Run: MANT | ECH_090513A | | 05/13 | /09 20:09 |
| Alkalinity, Total as CaCO3 | | 145 | mg/L | 5.0 | 115 | 80 | 120 | | | |
| Sample ID: C09050203-017AMSI |) Sai | mple Matrix | Spike Duplicate | | | Run: MANT | ECH_090513A | | 05/13 | /09 20:17 |
| Alkalinity, Total as CaCO3 | | 129 | mg/L | 5.0 | 102 | | 120 | 12 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/09/09

Work Order: C09050203

| | | | | 0/ BEC | | | | DDDI imit | · - |
|-------------------------------------|------------------|---|-------|--------|------------|---------------|----------|-------------|----------|
| Analyte Cou | nt Result | Units | RL | %REC | LOW LIMIT | High Limit | | RPDLimit | Qual |
| Method: A2510 B | | | | | | Analytica | al Run: | ORION555A_ | |
| Sample ID: ICV2_090507_2 | | ion Verification Star | | | | | | 05/07/ | 09 14:15 |
| Conductivity | 1450 | umhos/cm | 1.0 | 103 | 90 | 110 | | | |
| Method: A2510 B | | | | | - | Ва | tch: 090 | 0507_2_PH-W | /_555A-1 |
| Sample ID: MBLK1_090507_2 | Method Blank | | | | Run: ORIOI | N555A_090507B | | 05/07/ | 09 14:12 |
| Conductivity | 1 | umhos/cm | 0.2 | | | | | | |
| Sample ID: C09050203-007ADUP | Sample Dupli | cate | | | Run: ORIOI | N555A_090507B | | 05/07/ | 09 14:51 |
| Conductivity | 458 | umhos/cm | 1.0 | | | | 0.2 | 10 | |
| Method: A2510 B | | | | | | Analytica | al Run: | ORION555A_ | 090508A |
| Sample ID: ICV2_090508_1 | Initial Calibrat | ion Verification Star | ndard | | | | | 05/08/ | 09 11:52 |
| Conductivity | 1400 | umhos/cm | 1.0 | 99 | 90 | 110 | | | |
| Method: A2510 B | | · • • • • • • • • • • • • • • • • • • • | | | | Ва | tch: 090 | 0508_1_PH-W | /_555A-1 |
| Sample ID: MBLK1_090508_1 | Method Blank | | | | Run: ORIO | N555A_090508A | | 05/08/ | 09 11:47 |
| Conductivity | 3 | umhos/cm | 0.2 | | | | | | |
| Sample ID: C09050210-008ADUP | Sample Dupli | cate | | | Run: ORIOI | N555A_090508A | | 05/08/ | 09 12:10 |
| Conductivity | 7570 | umhos/cm | 1.0 | | | | 0 | 10 | |
| Method: A2540 C | | | | | | Ва | tch: 09 | 0507_1_SLD | S-TDS-W |
| Sample ID: MBLK1 090507 | Method Blank | (| | | Run: BAL-1 | _090507B | | 05/08/ | 09 08:43 |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | 6 | | | | | | |
| Sample ID: LCS1_090507 | Laboratory Co | ontrol Sample | | | Run: BAL-1 | _090507B | | 05/08/ | 09 08:44 |
| Solids, Total Dissolved TDS @ 180 C | 1000 | mg/L | 10 | 100 | 90 | 110 | | | |
| Sample ID: C09050203-008AMS | Sample Matri | x Spike | | | Run: BAL-1 | _090507B | | 05/08/ | 09 09:02 |
| Solids, Total Dissolved TDS @ 180 C | 2400 | mg/L | 10 | 101 | 90 | 110 | | | |
| Sample ID: C09050203-008AMSD | Sample Matri | x Spike Duplicate | | | Run: BAL-1 | _090507B | | 05/08/ | 09 09:02 |
| Solids, Total Dissolved TDS @ 180 C | 2390 | mg/L | 10 | 101 | 90 | 110 | 0.2 | 10 | |
| Sample ID: C09050203-018AMS | Sample Matri | x Spike | | | Run: BAL-1 | _090507B | | 05/08/ | 09 09:06 |
| Solids, Total Dissolved TDS @ 180 C | 2350 | mg/L | 10 | 102 | 90 | 110 | | | |
| Sample ID: C09050203-018AMSD | Sample Matri | x Spike Duplicate | | | Run: BAL-1 | _090507B | | 05/08/ | 09 09:06 |
| Solids, Total Dissolved TDS @ 180 C | 2350 | mg/L | 10 | 102 | 90 | 110 | 0 | 10 | |
| | | | | | | | | | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/09/09

Work Order: C09050203

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|-------------------|----------|----------------|----------------|------------|------|---|------------------------|----------|------------|-------------|
| Method: | A4500-F C | | | _ | | | · | | | Batch | : R11802 |
| Sample ID: | MBLK-1 | Me | thod Blank | | | | Run: MANT | ECH_090511A | | 05/11 | 1/09 10:42 |
| Fluoride | | | ND | mg/L | 0.05 | | | | | | |
| Sample ID: | LCS-1 | Lal | boratory Co | ntrol Sample | | | Run: MANT | ECH_090511A | | 05/11 | 1/09 10:4 |
| Fluoride | | | 1.02 | mg/L | 0.10 | 102 | 90 | 110 | | | |
| Sample ID: | C09050203-001AMS | Sa | mple Matrix | Spike | | | Run: MANT | ECH_090511A | | 05/11 | 1/09 15:19 |
| Fluoride | | | 1.12 | mg/L | 0.10 | 97 | 80 | 120 | | | |
| Sample ID: | C09050203-001AMS | D Sa | mple Matrix | Spike Duplic | ate | | Run: MANT | ECH_090511A | | 05/11 | 1/09 15:22 |
| Fluoride | | | 1.12 | mg/L | 0.10 | 97 | 80 | 120 | 0 | 10 | |
| Sample ID: | C09050203-011AMS | Sa | mple Matrix | Spike | | | Run: MANT | ECH_090511A | | 05/1 | 1/09 16:05 |
| Fluoride | | . | 1.12 | mg/L | 0.10 | 96 | 80 | 120 | | | |
| Samnle ID: | C09050203-011AMS | D Sa | mnle Matrix | : Spike Duplic | ate | | Run: MANT | ECH_090511A | | 05/11 | 1/09 16:08 |
| Fluoride | 00000200-01174110 | o da | 1.12 | mg/L | 0.10 | 96 | 80 | 120 | 0 | 10 | ., |
| Method: | A4500-F C | | | | | | | | | Batch | : R11822 |
| Sample ID: | | Me | thod Blank | | | | Run: MANT | ECH_090514A | | | 1/09 12:42 |
| Fluoride | MOMEN ! | ivic | ND | mg/L | 0.05 | | 110111111111111111111111111111111111111 | | | | |
| Sample ID: | I CS-1 | la | horatory Co | ntrol Sample | | | Run: MANT | ECH 090514A | | 05/14 | 1/09 12:45 |
| Fluoride | | | 0.960 | mg/L | 0.10 | 96 | 90 | 110 | | | |
| Sample ID: | C09050203-016AMS | Sa | mple Matrix | Spike | | | Run: MANT | ECH_090514A | | 05/14 | 1/09 13:07 |
| Fluoride | | | 1.18 | mg/L | 0.10 | 101 | 80 | 120 | | | |
| Sample ID: | C09050203-016AMS | D Sa | mple Matrix | Spike Duplic | ate | | Run: MANT | ECH_090514A | | 05/14 | 4/09 13:09 |
| Fluoride | | | 1.18 | mg/L | 0.10 | 101 | 80 | 120 | 0 | 10 | |
| Method: | A4500-H B | | | . <u>-</u> | | | | Analytica | il Run: | ORION555A | _090507 |
| | ICV1_090507_2 | lni | tial Calibrati | on Verificatio | n Standard | | | | | 05/0 | 7/09 14:13 |
| рН | - - | | 6.86 | s.u. | 0.010 | 100 | 98 | 102 | | | |
| Method: | A4500-H B | | | | | | | Ва | tch: 090 | 0507_2_PH- | W_555A- |
| Sample ID: | C09050203-007ADUI | P Sa | mple Duplic | cate | | | Run: ORIO | N555A_090507B | | 05/0 | 7/09 14:5 |
| рH | | | 7.97 | s.u. | 0.010 | | | _ | 0.1 | 10 | |
| Method: | A4500-H B | <u></u> | | | - · · · | | | Analytica | al Run: | ORION555A | _090508 |
| Sample ID: | ICV1_090508_1 | lni | tial Calibrati | on Verificatio | n Standard | | | | | 05/0 | 3/09 11:50 |
| pH | <u>-</u> - | | 6.94 | s.u. | 0.010 | 101 | 98 | 102 | | | |
| Method: | A4500-H B | | | • | | | | Ва | tch: 090 | 0508_1_PH- | W_555A- |
| | C09050210-008ADU | P Sa | mple Duplic | cate | | | Run: ORIO | N555A_090508A | | | B/09 12:10 |
| pH | | . 56 | 8.86 | s.u. | 0.010 | | | = =: - <u>_</u> ====== | 0.2 | 10 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/09/09

Work Order: C09050203

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|------------|---------------|-----------------|-------|------|-------------|---------------------------------------|-----|----------|-----------|
| Method: E200.7 | | | | | | | · · · · · · · · · · · · · · · · · · · | | Bat | ch: 2232 |
| Sample ID: MB-22321 | <u>2</u> N | /lethod Blank | | | | Run: ICP2-0 | C_090512A | | 05/12 | /09 20:37 |
| Iron | | ND | mg/L | 0.03 | | | | | | |
| Manganese | | ND | mg/L | 0.007 | | | | | | |
| Sample ID: LCS3-22321 | <u>2</u> L | aboratory Cor | ntrol Sample | | | Run: ICP2-0 | C_090512A | | 05/12 | /09 20:41 |
| Iron | | 2.51 | mg/L | 0.033 | 100 | 85 | 115 | | | |
| Manganese | | 2.50 | mg/L | 0.010 | 100 | 85 | 115 | | | |
| Sample ID: C09050167-003DMS3 | 2 8 | Sample Matrix | Spike | | | Run: ICP2-0 | C_090512A | | 05/12 | /09 21:01 |
| Iron | | 2.56 | mg/L | 0.066 | 99 | 70 | 130 | | | |
| Manganese | | 2.44 | mg/L | 0.013 | 97 | 70 | 130 | | | |
| Sample ID: C09050167-003DMSD | 2 9 | Sample Matrix | Spike Duplicate | | | Run: ICP2-0 | C_090512A | | 05/12 | /09 21:05 |
| Iron | | 2.65 | mg/L | 0.066 | 103 | 70 | 130 | 3.7 | 20 | |
| Manganese | | 2.57 | mg/L | 0.013 | 102 | 70 | 130 | 4.9 | 20 | |
| Method: E200.7 | | | <u> </u> | | | | | | Batch | R11803 |
| Sample ID: LRB | <u>4</u> N | /lethod Blank | | | | Run: ICP3-0 | C_090511A | | 05/11 | /09 12:28 |
| Calcium | | 0.3 | mg/L | 0.2 | | | | | | |
| Magnesium | | 0.3 | mg/L | 0.2 | | | | | | |
| Potassium | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0,1 | | | | | | |
| Sample ID: LFB | <u>4</u> L | aboratory For | tified Blank | | | Run: ICP3-0 | C_090511A | | 05/11 | /09 12:33 |
| Calcium | | 47.4 | mg/L | 0.50 | 94 | 85 | 115 | | | |
| Magnesium | | 48.0 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Potassium | | 46.6 | mg/L | 0.50 | 93 | 85 | 115 | | | |
| Sodium | | 47.7 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Sample ID: MB-22250 | <u>4</u> N | /lethod Blank | | | | Run: ICP3-0 | C_090511A | | 05/11 | /09 12:48 |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Potassium | | 0.06 | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0,1 | | | | | | |
| Sample ID: C09050203-017BMS | 4 5 | Sample Matrix | • | | | Run: ICP3-0 | | | 05/11 | /09 19:50 |
| Calcium | | 41.3 | mg/L | 1.0 | 81 | 70 | | | | |
| Magnesium | | 43.3 | mg/L | 1.0 | 85 | 70 | 130 | | | |
| Potassium | | 43.6 | mg/L | 1.0 | 85 | 70 | 130 | | | |
| Sodium | | 44.9 | mg/L | 1.0 | 88 | 70 | 130 | | | |
| Sample ID: C09050203-017BMSD | 4 9 | Sample Matrix | Spike Duplicate | | | Run: ICP3-6 | C_090511A | | | /09 19:58 |
| Calcium | | 42.0 | mg/L | 1.0 | 82 | 70 | 130 | 1.5 | 20 | |
| Magnesium | | 44.4 | mg/L | 1.0 | 87 | 70 | 130 | 2.5 | 20 | |
| Potassium | | 43.7 | mg/L | 1.0 | 86 | 70 | 130 | 0.3 | 20 | |
| Sodium | | 45.2 | mg/L | 1.0 | 88 | 70 | 130 | 0.8 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



UR Energy USA Inc

Project: Lost Creek

Report Date: 07/09/09

Work Order: C09050203

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|----------------|-------------|---------------|-------|------|-------------|--------------|-----|----------|-----------|
| Method: E200.7 | | | | | | | | | Batch: | R118070 |
| Sample ID: MB-090512A | <u>8</u> Me | thod Blank | | | | Run: ICP2-0 | C_090512A | | 05/12 | /09 13:04 |
| Aluminum | | ND | mg/L | 0.01 | | | | | | |
| Boron | | ND | mg/L | 0.03 | | | | | | |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Iron | | ND | mg/L | 0.005 | | | | | | |
| Magnesium | | ND | mg/L | 0.09 | | | | | | |
| Potassium | | ND | mg/L | 0.1 | | | | | | |
| Silicon | | 0.09 | mg/L | 0.01 | | | | | | |
| Sodium | | ND | mg/L | 0.2 | | | | | | |
| Sample ID: LFB-090512A | <u>9</u> Lat | oratory For | tified Blank | | | Run: ICP2-0 | C_090512A | | 05/12 | /09 13:08 |
| Aluminum | | 0.963 | mg/L | 0.10 | 96 | 85 | 115 | | | |
| Boron | | 0.985 | mg/L | 0.10 | 99 | 85 | 115 | | | |
| Calcium | | 47.4 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Iron | | 0.941 | mg/L | 0.030 | 94 | 85 | 1 1 5 | | | |
| Magnesium | | 47.4 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Potassium | | 45.2 | mg/L | 0.50 | 90 | 85 | 115 | | | |
| Silicon | | 0.435 | mg/L | 0.015 | 87 | 8 5 | 115 | | | |
| Sodium | | 45.2 | mg/L | 0.50 | 90 | 85 | 115 | | | |
| Silica | | 0.931 | mg/L | 0.032 | 109 | 85 | 125 | | | |
| Sample ID: MB-22126 | <u>8</u> Me | thod Blank | | | | Run: ICP2-0 | C_090512A | | 05/12 | /09 14:00 |
| Aluminum | | ND | mg/L | 0.06 | | | | | | |
| Boron | | ND | mg/L | 0.06 | | | | | | |
| Calcium | | ND | m g/L | 0.5 | | | | | | |
| Iron | | ND | mg/L | 0.01 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Potassium | | ND | mg/L | 0.2 | | | | | | |
| Silicon | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | 0.8 | mg/L | 0.5 | | | | | | |
| Sample ID: C09050203-008BMS | 2 <u>8</u> Şaı | mple Matrix | Spike | | | Run: ICP2- | | | 05/12 | /09 17:02 |
| Aluminum | | 1.86 | mg/L | 0.10 | 88 | 70 | 130 | | | |
| Boron | | 2.06 | mg/L | 0.10 | 101 | 70 | 130 | | | |
| Calcium | | 146 | mg/L | 1.0 | 102 | 70 | 130 | | | |
| Iron | | 1.98 | mg/L | 0.030 | 97 | 70 | 130 | | | |
| Magnesium | | 101 | mg/L | 1.0 | 97 | 70 | 130 | | | |
| Potassium | | 99.8 | mg/L | 1.0 | 96 | 70 | 130 | | | |
| Silicon | | 7.91 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | | 168 | mg/L | 1.0 | 104 | 70 | 130 | | | |
| Sample ID: C09050203-008BMS | D <u>8</u> Sa | | Spike Duplica | | | Run: ICP2- | | | | /09 17:06 |
| Aluminum | | 2.04 | mg/L | 0.10 | 97 | 70 | 130 | 8.9 | 20 | |
| Boron | | 2.10 | mg/L | 0.10 | 103 | 70 | 130 | 1.9 | 20 | |
| Calcium | | 145 | mg/L | 1.0 | 102 | 70 | 130 | 0.1 | 20 | |
| Iron | | 2.00 | mg/L | 0.030 | 97 | 70 | 130 | 0.6 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



UR Energy USA Inc

Project: Lost Creek

Report Date: 07/09/09

Work Order: C09050203

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|------------|---------------|-----------------|-------|------|------------|------------|-----|----------|----------|
| Method: E200.7 | | | | | - | | - | | Batch: | R118070 |
| Sample ID: C09050203-008BMSE | <u>8</u> | Sample Matrix | Spike Duplicate | | | Run: ICP2- | C_090512A | | 05/12/ | 09 17:06 |
| Magnesium | | 105 | mg/L | 1.0 | 101 | 70 | 130 | 3.6 | 20 | |
| Potassium | | 101 | mg/L | 1.0 | 97 | 70 | 130 | 1.2 | 20 | |
| Silicon | | 7.98 | mg/L | 0.10 | | 70 | 130 | 0.9 | 20 | Α |
| Sodium | | 166 | mg/L | 1.0 | 103 | 70 | 130 | 1 | 20 | |
| Sample ID: C09050210-001BMS2 | <u>8</u> | Sample Matrix | Spike | | | Run: ICP2- | C_090512A | | 05/12/ | 09 18:52 |
| Aluminum | | 10.5 | mg/L | 0.32 | 103 | 70 | 130 | | | |
| Boron | | 10.9 | mg/L | 0.28 | 102 | 70 | 130 | | | |
| Calcium | | 686 | mg/L | 2.5 | 99 | 70 | 130 | | | |
| Iron | | 9.88 | mg/L | 0.055 | 97 | 70 | 130 | | | |
| Magnesium | | 721 | mg/L | 1.0 | 100 | 70 | 130 | | | |
| Potassium | | 483 | mg/L | 1.0 | 93 | 70 | 130 | | | |
| Silicon | | 4.83 | mg/L | 0.15 | 111 | 70 | 130 | | | |
| Sodium | | 2710 | mg/L | 2.3 | | 70 | 130 | | | Α |
| Sample ID: C09050210-001BMSE | <u>8</u> (| Sample Matrix | Spike Duplicate | | | Run: ICP2- | C_090512A | | 05/12/ | 09 18:56 |
| Aluminum | | 10.5 | mg/L | 0.32 | 103 | 70 | 130 | 0.5 | 20 | |
| Boron | | 10.7 | mg/L | 0.28 | 101 | 70 | 130 | 1.5 | 20 | |
| Calcium | | 669 | mg/L | 2.5 | 96 | 70 | 130 | 2.6 | 20 | |
| Iron | | 9.76 | mg/L | 0.055 | 96 | 70 | 130 | 1.2 | 20 | |
| Magnesium | | 687 | mg/L | 1.0 | 93 | 70 | 130 | 4.8 | 20 | |
| Potassium | | 485 | mg/L | 1.0 | 93 | 70 | 130 | 0.4 | 20 | |
| Silicon | | 4.77 | mg/L | 0.15 | 109 | 70 | 130 | 1.2 | 20 | |
| Sodium | | 2720 | mg/L | 2.3 | | 70 | 130 | 0,5 | 20 | Α |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated. MDC - Minimum detectable concentration



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/09/09

Work Order: C09050203

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|--------------|-----------------|-------|------|-------------|------------|-----|----------|-----------|
| Method: E200.7 | | | | | | • | | • | Batch: | R118390 |
| Sample ID: LRB | 2 Met | nod Blank | | | | Run: ICP3-0 | C_090519A | | 05/19 | /09 14:11 |
| Iron | | 0.02 | mg/L | 0.01 | | | | | | |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Sample ID: LFB | <u>2</u> Labo | oratory Fort | tified Blank | | | Run: ICP3-0 | C_090519A | | 05/19 | /09 14:17 |
| Iron | | 5.30 | mg/L | 0.030 | 106 | 85 | 115 | | | |
| Manganese | | 5.05 | mg/L | 0.010 | 101 | 85 | 115 | | | |
| Sample ID: MB-22207 | 2 Meti | nod Blank | | | | Run: ICP3- | C_090519A | | 05/19 | /09 14:41 |
| Iron | | ND | mg/L | 0.01 | | | | | | |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Sample ID: C09050203-007DMS | <u>2</u> Sam | ple Matrix | Spike | | | Run: ICP3- | C_090519A | | 05/19 | /09 21:50 |
| Iron | | 0.440 | mg/L | 0.030 | 86 | 70 | 130 | | | |
| Manganese | | 0.427 | mg/L | 0.021 | 84 | 70 | 130 | | | |
| Sample ID: C09050203-007DMSE |) <u>2</u> Sam | nple Matrix | Spike Duplicate | | | Run: ICP3- | C_090519A | | 05/19 | /09 21:55 |
| Iron | | 0.439 | mg/L | 0.030 | 86 | 70 | 130 | 0.2 | 20 | |
| Manganese | | 0.422 | mg/L | 0.021 | 83 | 70 | 130 | 1.2 | 20 | |
| Sample ID: C09050243-001CMS | <u>2</u> Sam | ple Matrix | Spike | | | Run: ICP3- | C_090519A | | 05/19 | /09 23:07 |
| Iron | | 0.425 | mg/L | 0.030 | 79 | 70 | 130 | | | |
| Manganese | | 0.408 | mg/L | 0.021 | 80 | 70 | 130 | | | |
| Sample ID: C09050243-001CMSI | D <u>2</u> San | nple Matrix | Spike Duplicate | | | Run: ICP3- | C_090519A | | 05/19 | /09 23:12 |
| fron | | 0.438 | mg/L | 0.030 | 81 | 70 | 130 | 3 | 20 | |
| Manganese | | 0.420 | mg/L | 0.021 | 82 | 70 | 130 | 2.9 | 20 | |



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/09/09

Work Order: C09050203

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|--------------|-----------------|------|------|------------|------------|-----|----------|------------|
| Method: E200.7 | | | | | | | | | Batch | : R118569 |
| Sample ID: MB-090522A | <u>4</u> Me | thod Blank | | | | Run: ICP2- | C_090522A | | 05/22 | /09 12:37 |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Magnesium | | ND | mg/L | 0.09 | | | | | | |
| Potassium | | ND | mg/L | 0.1 | | | | | | |
| Sodium | | ND | mg/L | 0.2 | | | | | | |
| Sample ID: LFB-090522A | 4 Lai | ooratory For | tified Blank | | | Run: ICP2- | C_090522A | | 05/22 | /09 12:41 |
| Calcium | | 47.4 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Magnesium | | 47.7 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Potassium | | 46.5 | mg/L | 0.50 | 93 | 85 | 115 | | | |
| Sodium | | 46.8 | mg/L | 0.50 | 94 | 85 | 115 | | | |
| Sample ID: C09050429-002BMS2 | 2 <u>4</u> Sa | mple Matrix | Spike | | | Run: ICP2- | C_090522A | | 05/22 | /09 14:58 |
| Calcium | | 118 | mg/L | 1.0 | 97 | 70 | 130 | | | |
| Magnesium | | 94.5 | mg/L | 1.0 | 91 | 70 | 130 | | | |
| Potassium | | 95.2 | mg/L | 1.0 | 93 | 70 | 130 | | | |
| Sodium | | 95.1 | mg/L | 1.0 | 92 | 70 | 130 | | | |
| Sample ID: C09050429-002BMSI | D <u>4</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP2- | C_090522A | | 05/22 | /09 15:02 |
| Calcium | | 119 | mg/L | 1.0 | 98 | 70 | 130 | 0.5 | 20 | |
| Magnesium | | 95.3 | mg/L | 1.0 | 92 | 70 | 130 | 0.9 | 20 | |
| Potassium | | 97.1 | mg/L | 1.0 | 95 | 70 | 130 | 2 | 20 | |
| Sodium | | 95.9 | mg/L | 1.0 | 93 | 70 | 130 | 0.8 | 20 | |
| Sample ID: C09050436-001BMS2 | 2. <u>4</u> Sa | mple Matrix | Spike | | | Run: ICP2- | C_090522A | | 05/22 | 2/09 16:19 |
| Calcium | | 130 | mg/L | 0.50 | 92 | 70 | 130 | | | |
| Magnesium | | 110 | mg/L | 0.50 | 94 | 70 | 130 | | | |
| Potassium | | 92 | mg/L | 0.50 | 90 | 70 | 130 | | | |
| Sodium | | 110 | mg/L | 0.50 | 95 | 70 | 130 | | | |
| Sample ID: C09050436-001BMSI | D <u>4</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP2- | C_090522A | | 05/22 | 2/09 16:23 |
| Calcium | | 140 | mg/L | 0.50 | 95 | 70 | 130 | 1.9 | 20 | |
| Magnesium | | 110 | mg/L | 0.50 | 96 | 70 | 130 | 2.1 | 20 | |
| Potassium | | 96 | mg/L | 0.50 | 93 | 70 | 130 | 3.7 | 20 | |
| Sodium | | 110 | mg/L | 0.50 | 96 | 70 | 130 | 0.5 | 20 | |



Client: **UR Energy USA Inc**

Project: Lost Creek

Report Date: 07/09/09

Work Order: C09050203

| Analyte | Count Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|-----------------|-----------------|-------------|------|------------|--------------|-----|----------|-------------------|
| Method: E200.7 | | | | | | | | Batch: | R118628 |
| Sample ID: MB-090522A | Method Blank | | | | Run: ICP2- | C_090526A | | 05/26 | 09 15:33 |
| Iron | ND | mg/L | 0.005 | | | | | | |
| Sample ID: LFB-090522A | Laboratory For | tified Blank | | | Run: ICP2- | C_090526A | | 05/26 | 09 15:37 |
| Iron | 0.966 | mg/L | 0.030 | 97 | 85 | 115 | | | |
| Sample ID: C09050355-006AMS | 2 Sample Matrix | Spike | | | Run: ICP2- | C_090526A | | 05/26 | /09 17:0 0 |
| Iron | 9.34 | mg/L | 0.030 | 93 | 70 | 130 | | | |
| Sample ID: C09050355-006AMS | D Sample Matrix | Spike Duplicate | | | Run: ICP2- | C_090526A | | 05/26 | /09 17:04 |
| Iron | 9.42 | mg/L | 0.030 | 94 | 70 | 130 | 0.9 | 20 | |
| Method: E200.8 | · | | | | | | | Bat | ch: 22321 |
| Sample ID: MB-22321 | Method Blank | | | | Run: ICPM | S2-C_090513A | | 05/14 | /09 14:02 |
| Thorium 232 | 0.0002 | mg/L | 7E-05 | | | | | | |
| Sample ID: LCS3-22321 | Laboratory Co | ntrol Sample | | | Run: ICPM | S2-C_090513A | | 05/14 | /09 14:09 |
| Thorium 232 | 0.563 | mg/L | 0.0010 | 113 | 85 | 115 | | | |
| Sample ID: C09050167-003DMS | 3 Sample Matrix | Spike | | | Run: ICPM | S2-C_090513A | | 05/14 | /09 15:28 |
| Thorium 232 | 0.563 | mg/L | 0.0010 | 112 | 70 | 130 | | | |
| Sample ID: C09050167-003DMS | D Sample Matrix | Spike Duplicate | | | Run: ICPM | S2-C_090513A | | 05/14 | /09 15:36 |
| Thorium 232 | 0.563 | mg/L | 0.0010 | 113 | 70 | 130 | 0 | 20 | |

MDC - Minimum detectable concentration



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/09/09

Work Order: C09050203

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|--------------|--------------|---------|------|-------------|--------------|-----|----------|-----------|
| Method: E200.8 | | | | | | | | | Batch: | R117966 |
| Sample ID: LRB | <u>15</u> Me | thod Blank | | | | Run: ICPM | S2-C_090508B | | 05/08/ | /09 12:16 |
| Aluminum | | ND | mg/L | 0.002 | | | | | | |
| Arsenic | | ND | mg/L | 0.0003 | | | | | | |
| Barium | | ND | mg/L | 3E-05 | | | | | | |
| Cadmium | | ND | mg/L | 6E-05 | | | | | | |
| Chromium | | ND | mg/L | 8E-05 | | | | | | |
| Copper | | 4E-05 | mg/L | 4E-05 | | | | | | |
| Lead | | ND | mg/L | 2E-05 | | | | | | |
| Manganese | | ND | mg/L | 5E-05 | | | | | | |
| Mercury | | ND | mg/L | 4E-05 | | | | | | |
| Molybdenum | | ND | mg/L | 4E-05 | | | | | | |
| Nickel | | ND | mg/L | 9E-05 | | | | | | |
| Selenium | | ND | mg/L | 0.001 | | | | | | |
| Uranium | | ND | mg/L | 8E-06 | | | | | | |
| Vanadium | | ND | mg/L | 9E-05 | | | | | | |
| Zinc | | 0.0008 | mg/L | 6E-05 | | | | | | |
| Sample ID: LFB | <u>15</u> Lal | ooratory For | tified Blank | | | Run: ICPM: | S2-C_090508B | | 05/08/ | /09 12:23 |
| Aluminum | | 0.0492 | mg/L | 0.0022 | 98 | 85 | 115 | | | |
| Arsenic | | 0.0533 | mg/L | 0.0010 | 107 | 85 | 115 | | | |
| Barium | | 0.0527 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Cadmium | | 0.0518 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Chromium | | 0.0519 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Copper | | 0.0502 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Lead | | 0.0521 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Manganese | | 0.0521 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Mercury | | 0.00532 | mg/L | 0.0010 | 106 | 85 | 115 | | | |
| Molybdenum | | 0.0525 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Nickel | | 0.0505 | mg/L | 0.0010 | 101 | 85 | 115 | | | |
| Selenium | | 0.0522 | mg/L | 0.0014 | 104 | 85 | 115 | | | |
| Uranium | | 0.0526 | mg/L | 0.00030 | 105 | 85 | 115 | | | |
| Vanadium | | 0.0524 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Zinc | | 0.0532 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Sample ID: C09050203-005BMS4 | 1 <u>5</u> Sa | mple Matrix | Spike | | | Run: ICPM | S2-C_090508B | | 05/08/ | /09 23:21 |
| Aluminum | | 0.0485 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Arsenic | | 0.0522 | mg/L | 0.0010 | 102 | 70 | 130 | | | |
| Barium | | 0.0806 | mg/L | 0.0010 | 105 | 70 | 130 | | | |
| Cadmium | | 0.0505 | mg/L | 0.010 | 101 | 70 | 130 | | | |
| Chromium | | 0.0489 | mg/L | 0.0010 | 98 | 70 | 130 | | | |
| Copper | | 0.0487 | mg/L | 0.010 | 95 | 70 | 130 | | | |
| Lead | | 0.0512 | mg/L | 0.050 | 102 | 70 | 130 | | | |
| Manganese | | 0.0586 | mg/L | 0.010 | 97 | 70 | 130 | | | |
| Mercury | | 0.00505 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Molybdenum | | 0.0519 | mg/L | 0.0010 | 102 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/09/09

Work Order: C09050203

| Analyte | Count F | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-------------------|----------|-------------|---------|------|-----------|--------------|-----|----------|-----------|
| Method: E200.8 | | | | | | | | | Batch: | R11796 |
| Sample ID: C09050203-005BMS4 | 15 Sampl | e Matrix | Spike | | | Run: ICPM | S2-C_090508B | | 05/08 | /09 23:21 |
| Nickel | | 0.0483 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Selenium | (| 0.0501 | mg/L | 0.0010 | 99 | 70 | 130 | | | |
| Uranium | (| 0.0590 | mg/L | 0.00030 | 102 | 70 | 130 | | | |
| Vanadium | (| 0.0502 | mg/L | 0.0010 | 100 | 70 | 130 | | | |
| Zinc | (| 0.0580 | mg/L | 0.010 | 99 | 70 | 130 | | | |
| Sample ID: C09050203-005BMS[| D <u>15</u> Sampl | e Matrix | Spike Dupli | cate | | Run: ICPM | S2-C_090508B | | 05/08 | /09 23:28 |
| Aluminum | (| 0.0447 | mg/L | 0.0010 | 89 | 70 | 130 | 8.3 | 20 | |
| Arsenic | (| 0.0529 | mg/L | 0.0010 | 103 | 70 | 130 | 1.5 | 20 | |
| Barium | (| 0.0806 | mg/L | 0.0010 | 105 | 70 | 130 | 0.1 | 20 | |
| Cadmium | (| 0.0507 | mg/L | 0.010 | 101 | 70 | 130 | 0.5 | 20 | |
| Chromium | (| 0.0489 | mg/L | 0.0010 | 98 | 70 | 130 | 0 | 20 | |
| Copper | (| 0.0492 | mg/L | 0.010 | 96 | 70 | 130 | 1 | 20 | |
| Lead | (| 0.0509 | mg/L | 0.050 | 102 | 70 | 130 | 0.7 | 20 | |
| Manganese | (| 0.0588 | mg/L | 0.010 | 97 | 70 | 130 | 0.4 | 20 | |
| Mercury | 0. | 00503 | mg/L | 0.0010 | 101 | 70 | 130 | 0.5 | 20 | |
| Molybdenum | (| 0.0521 | mg/L | 0.0010 | 102 | 70 | 130 | 0.5 | 20 | |
| Nickel | (| 0.0494 | mg/L | 0.0010 | 99 | 70 | 130 | 2.4 | 20 | |
| Selenium | (| 0.0518 | mg/L | 0.0010 | 103 | 70 | 130 | 3.3 | 20 | |
| Uranium | (| 0.0587 | mg/L | 0.00030 | 102 | 70 | 130 | 0.4 | 20 | |
| Vanadium | (| 0.0504 | mg/L | 0.0010 | 101 | 70 | 130 | 0.4 | 20 | |
| Zinc | (| 0.0592 | mg/L | 0.010 | 101 | 70 | 130 | 2.2 | 20 | |
| Sample ID: C09050203-015BMS4 | 15 Sampl | e Matrix | Spike | | | Run: ICPM | S2-C_090508B | | 05/09 | 09 02:45 |
| Aluminum | (| 0.0513 | mg/L | 0.0010 | 79 | 70 | 130 | | | |
| Arsenic | (| 0.0556 | mg/L | 0.0010 | 103 | 70 | 130 | | | |
| Barium | (| 0.0722 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Cadmium | (| 0.0506 | mg/L | 0.010 | 101 | 70 | 130 | | | |
| Chromium | (| 0.0485 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Copper | (| 0.0489 | mg/L | 0.010 | 97 | 70 | 130 | | | |
| Lead | (| 0.0502 | mg/L | 0.050 | 100 | 70 | 130 | | | |
| Manganese | (| 0.0516 | mg/L | 0.010 | 97 | 70 | 130 | | | |
| Mercury | 0. | 00501 | mg/L | 0.0010 | 100 | 70 | 130 | | | |
| Molybdenum | (| 0.0537 | mg/L | 0.0010 | 102 | 70 | 130 | | | |
| Nickel | (| 0.0493 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Selenium | (| 0.0504 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Uranium | | 0.196 | mg/L | 0.00030 | 104 | 70 | 130 | | | |
| Vanadium | (| 0.0499 | mg/L | 0.0010 | 100 | 70 | 130 | | | |
| Zinc | (| 0.0531 | mg/L | 0.010 | 100 | 70 | 130 | | | |
| Sample ID: C09050203-015BMSI | O <u>15</u> Sampl | e Matrix | Spike Dupli | cate | | Run: ICPM | S2-C_090508B | | 05/09 | /09 02:52 |
| Aluminum | (| 0.0516 | mg/L | 0.0010 | 79 | 70 | 130 | 0.6 | 20 | |
| Arsenic | (| 0.0556 | mg/L | 0.0010 | 103 | 70 | 130 | 0 | 20 | |
| Barium | (| 0.0726 | mg/L | 0.0010 | 102 | 70 | 130 | 0.6 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 07/09/09

Project: Lost Creek

Work Order: C09050203

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|--------------|---------------|---------|------|------------|--------------|-----|----------|-----------|
| Method: E200.8 | | | | | | | | | Batch: | R117966 |
| Sample ID: C09050203-015BMSI |) <u>15</u> Sa | ample Matrix | Spike Duplica | ate | | Run: ICPM | S2-C_090508B | | 05/09 | /09 02:52 |
| Cadmium | | 0.0508 | mg/L | 0.010 | 102 | 70 | 130 | 0.5 | 20 | |
| Chromium | | 0.0490 | mg/L | 0.0010 | 98 | 70 | 130 | 0.9 | 20 | |
| Copper | | 0.0489 | mg/L | 0.010 | 97 | 70 | 130 | 0.1 | 20 | |
| Lead | | 0.0508 | mg/L | 0.050 | 101 | 70 | 130 | 1.2 | 20 | |
| Manganese | | 0.0524 | mg/L | 0.010 | 99 | 70 | 130 | 1.6 | 20 | |
| Mercury | | 0.00512 | mg/L | 0.0010 | 102 | 70 | 130 | 2.2 | 20 | |
| Molybdenum | | 0.0541 | mg/L | 0.0010 | 103 | 70 | 130 | 0.7 | 20 | |
| Nickel | | 0.0495 | mg/L | 0.0010 | 97 | 70 | 130 | 0.3 | 20 | |
| Selenium | | 0.0505 | mg/L | 0.0010 | 101 | 70 | 130 | 0.4 | 20 | |
| Uranium | | 0.199 | mg/L | 0.00030 | 109 | 70 | 130 | 1.5 | 20 | |
| Vanadium | | 0.0504 | mg/L | 0.0010 | 101 | 70 | 130 | 0.9 | 20 | |
| Zinc | | 0.0527 | mg/L | 0.010 | 99 | 70 | 130 | 0.7 | 20 | |
| Method: E200.8 | | | | | | | | | Batch: | R118392 |
| Sample ID: LRB | <u>2</u> Me | ethod Blank | | | | Run: ICPMS | S2-C_090519A | | 05/19/ | /09 11:56 |
| Manganese | | ND | mg/L | 5E-05 | | | | | | |
| Thorium 232 | | 0.0002 | mg/L | 3E-05 | | | | | | |
| Sample ID: LFB | <u>2</u> La | boratory For | tified Blank | | | Run: ICPMS | S2-C_090519A | | 05/19/ | /09 12:03 |
| Manganese | | 0.0487 | mg/L | 0.0010 | 97 | 85 | 115 | | | |
| Thorium 232 | | 0.0486 | mg/L | 0.0010 | 97 | 85 | 115 | | | |
| Sample ID: C09050246-015DMS4 | <u>2</u> Sa | ımple Matrix | Spike | | | Run: ICPMS | S2-C_090519A | | 05/19 | /09 22:40 |
| Manganese | | 0.0478 | mg/L | 0.010 | 91 | 70 | 130 | | | |
| Thorium 232 | | 0.0472 | mg/L | 0.0010 | 94 | 70 | 130 | | | |
| Sample ID: C09050246-015DMSI |) <u>2</u> Sa | ample Matrix | Spike Duplica | ate | | Run: ICPMS | S2-C_090519A | | 05/19/ | /09 22:47 |
| Manganese | | 0.0478 | mg/L | 0.010 | 91 | 70 | 130 | 0.1 | 20 | |
| Thorium 232 | | 0.0478 | mg/L | 0.0010 | 96 | 70 | 130 | 1.2 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/09/09

Work Order: C09050203

| Analyte | • | Coun | t Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---------------|------------------|----------|----------------|-----------------|------|-----------|------------|------------|-----|----------|-----------|
| Method: E | 300.0 | | | | | | | | | Batch: | R11839 |
| Sample ID: Le | cs | <u>2</u> | Laboratory Cor | ntrol Sample | | | Run: IC1-C | _090518A | | 05/18 | /09 12:30 |
| Chloride | | | 9.75 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Sulfate | | | 38.9 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sample ID: M | IBLK | <u>2</u> | Method Blank | | | | Run: IC1-C | _090518A | | 05/18 | /09 12:45 |
| Chloride | | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: C | 09050178-003AMS | <u>2</u> | Sample Matrix | Spike | | | Run: IC1-C | _090518A | | 05/19 | /09 04:41 |
| Chloride | | | 264 | mg/L | 1.0 | | 90 | 110 | | | Α |
| Sulfate | | | 889 | mg/L | 1.0 | <u>87</u> | 90 | 110 | | | \$ |
| Sample ID: C | 09050178-003AMSD | <u>2</u> | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090518A | | 05/19/ | /09 04:56 |
| Chloride | | | 262 | mg/L | 1.0 | | 90 | 110 | 8.0 | 20 | Α |
| Sulfate | | | 885 | mg/L | 1.0 | <u>84</u> | 90 | 110 | 0.5 | 20 | S |
| Sample ID: Co | 09050203-007AMS | <u>2</u> | Sample Matrix | Spike | | | Run: IC1-C | _090518A | | 05/19/ | /09 08:16 |
| Chloride | | | 25.1 | mg/L | 1.0 | 106 | 90 | 110 | | | |
| Sulfate | | | 197 | mg/L | 1.0 | 107 | 90 | 110 | | | |
| Sample ID: Co | 09050203-007AMSD | <u>2</u> | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090518A | | 05/19/ | /09 08:32 |
| Chloride | | | 25.0 | mg/L | 1.0 | 106 | 90 | 110 | 0.3 | 20 | |
| Sulfate | | | 197 | mg/L | 1.0 | 106 | 90 | 110 | 0.3 | 20 | |
| Sample ID: C | 09050203-018AMS | <u>2</u> | Sample Matrix | Spike | | | Run: IC1-C | _090518A | | 05/19 | /09 12:23 |
| Chloride | | | 29.1 | mg/L | 1.0 | 107 | 90 | 110 | | | |
| Sulfate | | | 213 | mg/L | 1.0 | 105 | 90 | 110 | | | |
| Sample ID: C | 09050203-018AMSD | 2 | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090518A | | 05/19/ | /09 12:38 |
| Chloride | | | 29.4 | mg/L | 1.0 | 109 | 90 | 110 | 0.9 | 20 | |
| Sulfate | | | 214 | mg/L | 1.0 | 105 | 90 | 110 | 0.2 | 20 | |
| Method: E | 300.0 | | | | | | | | | Batch: | R11866 |
| Sample ID: Lo | cs | 2 | Laboratory Cor | ntrol Sample | | | Run: IC1-C | _090523A | | 05/23 | /09 14:17 |
| Chloride | | | 9.82 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Sulfate | | | 39.2 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Sample ID: M | IBLK | <u>2</u> | Method Blank | | | | Run: IC1-C | _090523A | | 05/23 | /09 14:33 |
| Chloride | | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: C | 09050144-004AMS | <u>2</u> | Sample Matrix | Spike | | | Run: IC1-C | _090523A | | 05/23 | /09 15:19 |
| Chloride | | | 25.4 | mg/L | 1.0 | 103 | 90 | 110 | | | |
| Sulfate | | | 230 | mg/L | 1.0 | 99 | 90 | 110 | | | |
| Sample ID: C | 09050144-004AMSD | 2 | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090523A | | 05/23 | /09 15:35 |
| Chloride | | | 25.5 | mg/L | 1.0 | 103 | 90 | 110 | 0.2 | 20 | |
| Sulfate | | | 230 | mg/L | 1.0 | 98 | 90 | 110 | 0.2 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



UR Energy USA Inc

Report Date: 07/09/09

Project: Lost Creek

Work Order: C09050203

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-------|-------------|-----------------|-------|-----------|------------|------------|-----|----------|-----------|
| Method: E350.1 | | | | | | | | | Batch: B | R129132 |
| Sample ID: MBLK | Me | thod Blank | | | | Run: SUB-E | 3129132 | | 05/08 | /09 09:43 |
| Nitrogen, Ammonia as N | | ND | mg/L | 0.02 | | | | | | |
| Sample ID: LFB | Lal | ooratory Fo | tified Blank | | | Run: SUB- | 3129132 | | 05/08 | /09 09:45 |
| Nitrogen, Ammonia as N | | 1.03 | mg/L | 0.10 | 104 | 90 | 110 | | | |
| Sample ID: C09050144-011E | Sa | mple Matrix | Spike | | | Run: SUB-E | 3129132 | | 05/08 | /09 10:19 |
| Nitrogen, Ammonia as N | | 0.804 | mg/L | 0.050 | <u>80</u> | 90 | 110 | | | S |
| Sample ID: C09050144-011E | Sa | mple Matrix | Spike Duplicate | | | Run: SUB-E | 3129132 | | 05/08 | /09 10:20 |
| Nitrogen, Ammonia as N | | 0.778 | mg/L | 0.050 | <u>78</u> | 90 | 110 | 3.3 | 10 | S |
| Sample ID: B09050717-002AMS | Sa | mple Matrix | Spike | | | Run: SUB-E | 3129132 | | 05/08 | /09 11:07 |
| Nitrogen, Ammonia as N | | 1.08 | mg/L | 0.10 | 110 | 90 | 110 | | | |
| Sample ID: B09050717-002AMSI | D Sa | mple Matrix | Spike Duplicate | | | Run: SUB-E | 3129132 | | 05/08 | /09 11:08 |
| Nitrogen, Ammonia as N | | 1.08 | mg/L | 0.10 | 110 | 90 | 110 | 0.1 | 10 | |
| Method: E350.1 | - | | | | | | | | Batch: B | R129201 |
| Sample ID: MBLK | Me | thod Blank | | | | Run: SUB-E | 3129201 | | 05/11 | /09 09:50 |
| Nitrogen, Ammonia as N | | ND | mg/L | 0.02 | | | | | | |
| Sample ID: LFB | Lat | ooratory Fo | tified Blank | | | Run: SUB-E | 3129201 | | 05/11 | /09 09:52 |
| Nitrogen, Ammonia as N | | 1.03 | mg/L | 0.10 | 104 | 90 | 110 | | | |
| Sample ID: B09050867-001DMS | Sa | mple Matrix | Spike | | | Run: SUB-E | 3129201 | | 05/11 | /09 11:15 |
| Nitrogen, Ammonia as N | | 2.28 | mg/L | 0.10 | <u>77</u> | 90 | 110 | | | S |
| Sample ID: B09050867-001DMSI | D Sai | mple Matrix | Spike Duplicate | | | Run: SUB-E | 3129201 | | 05/11 | /09 11:16 |
| Nitrogen, Ammonia as N | | 2.28 | mg/L | 0.10 | <u>77</u> | 90 | 110 | 0.1 | 10 | S |
| Sample ID: C09050181-001D | Sa | mple Matrix | Spike | | | Run: SUB-E | 3129201 | | 05/11 | /09 10:40 |
| Nitrogen, Ammonia as N | | 0.876 | mg/L | 0.050 | <u>88</u> | 90 | 110 | | | S |
| Sample ID: C09050181-001D | Sa | mple Matrix | Spike Duplicate | | | Run: SUB-E | 3129201 | | 05/11 | /09 10:41 |
| Nitrogen, Ammonia as N | | 0.867 | mg/L | 0.050 | <u>87</u> | 90 | 110 | 1 | 10 | S |

Qualifiers:

RL - Analyte reporting limit. MDC - Minimum detectable concentration ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/09/09

Work Order: C09050203

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------------------------|-------|-------------|-----------------|-------|------|------------|------------|-----|----------|-----------|
| Method: E353.2 | | | | | | | | | Batch: B | R129240 |
| Sample ID: MBLK | Ме | thod Blank | | | | Run: SUB-l | 3129240 | | 05/11 | /09 14:33 |
| Nitrogen, Nitrate+Nitrite as N | | ND | mg/L | 0.002 | | | | | | |
| Sample ID: LFB | Lat | oratory For | tified Blank | | | Run: SUB-6 | B129240 | | 05/11 | /09 14:34 |
| Nitrogen, Nitrate+Nitrite as N | | 1.05 | mg/L | 0.050 | 107 | 90 | 110 | | | |
| Sample ID: C09050203-006E | Sa | mple Matrix | Spike | | | Run: SUB-E | 3129240 | | 05/11/ | 09 15:13 |
| Nitrogen, Nitrate+Nitrite as N | | 1.00 | mg/L | 0.050 | 102 | 90 | 110 | | | |
| Sample ID: C09050203-006E | Sai | mple Matrix | Spike Duplicate | | | Run: SUB-E | B129240 | | 05/11/ | 09 15:14 |
| Nitrogen, Nitrate+Nitrite as N | | 1.00 | mg/L | 0.050 | 103 | 90 | 110 | 0.4 | 10 | |
| Sample ID: C09050181-002D | Sai | mple Matrix | Spike | | | Run: SUB-E | 3129240 | | 05/11/ | 09 14:56 |
| Nitrogen, Nitrate+Nitrite as N | | 1.03 | mg/L | 0.050 | 104 | 90 | 110 | | | |
| Sample ID: C09050181-002D | Sai | mple Matrix | Spike Duplicate | | | Run: SUB- | B129240 | | 05/11/ | 09 14:58 |
| Nitrogen, Nitrate+Nitrite as N | | 1.03 | mg/L | 0.050 | 104 | 90 | 110 | 0 | 10 | |
| Sample ID: B09050729-001DMS | Sai | mple Matrix | Spike | | | Run: SUB- | 3129240 | | 05/11/ | 09 16:06 |
| Nitrogen, Nitrate+Nitrite as N | | 1,17 | mg/L | 0.050 | 107 | 90 | 110 | | | |
| Sample ID: B09050729-001DMSI |) Sai | mple Matrix | Spike Duplicate | | | Run: SUB-E | 3129240 | | 05/11/ | 09 16:07 |
| Nitrogen, Nitrate+Nitrite as N | | 1.18 | mg/L | 0.050 | 107 | 90 | 110 | 8.0 | 10 | |
| Sample ID: C09050203-009E | Sa | mple Matrix | Spike | | | Run: SUB-E | 3129240 | | 05/11/ | 09 16:23 |
| Nitrogen, Nitrate+Nitrite as N | | 1.07 | mg/L | 0.050 | 109 | 90 | 110 | | | |
| Sample ID: C09050203-009E | Sa | mple Matrix | Spike Duplicate | | | Run: SUB-E | 3129240 | | 05/11 | 09 16:24 |
| Nitrogen, Nitrate+Nitrite as N | | 1.04 | mg/L | 0.050 | 107 | 90 | 110 | 2.1 | 10 | |



Client: UR Energy USA Inc

Report Date: 07/09/09

Project: Lost Creek

Work Order: C09050203

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLImit | Qual |
|---|--------------------|-----------------|-------------------------|-----------|------------|---------------|-----------------------|---------|-----------------|-----------|
| Method: E900.0 | | | | | | | | | Batch: 0 | 3rAB-0653 |
| Sample ID: MB-GrAB-0653 | <u>6</u> Me | thod Blank | | | | Run: TENN | ELEC-3_090519/ | Ą | 05/22 | /09 03:05 |
| Gross Alpha | | 1 | pCi/L | | | | | | | |
| Gross Alpha precision (±) | | 0.6 | pCi/L | | | | | | | |
| Gross Alpha MDC | | 0.5 | pCi/L | | | | | | | |
| Gross Beta | | -2 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | | 1 | pCi/L | | | | | | | |
| Gross Beta MDC | | 2 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0653 | Lat | oratory Con | trol Sample | | | Run: TENN | ELEC-3_090519 | Ą | 05/22 | /09 03:05 |
| Gross Alpha | | 150 | pCi/L | | 109 | 70 | 130 | | | |
| Sample ID: Cs137-GrAB-0653 | Lat | oratory Con | trol Sample | | | Run: TENN | ELEC-3_090519/ | 4 | 05/22 | /09 03:05 |
| Gross Beta | | 92 | pCi/L | | 103 | 70 | 130 | | | |
| Sample ID: C09050182-001AMS | Saı | mple Matrix | Spike | | | Run: TENN | ELEC-3_090519/ | 4 | 05/23 | /09 03:24 |
| Gross Alpha | | 184 | pCi/L | | 130 | 70 | 130 | | | |
| Spike response is outside of the accommatrix related. The batch is approved | ceptance ran d. | ge for this ana | alysis. Since the LCS a | and the R | PD for the | e MS MSD pair | r are acceptable, the | respons | se is considere | d to be |
| Sample ID: C09050182-001AMS | D Sai | mple Matrix | Spike Duplicate | | | Run: TENN | ELEC-3_090519/ | 4 | 05/23 | /09 03:24 |
| Gross Alpha | | 208 | pCi/L | | <u>148</u> | 70 | 130 | 12 | 17.6 | s |
| Sample ID: C09050182-001AMS | Sai | mple Matrix | Spike | | | Run: TENN | ELEC-3_090519/ | 4 | 05/23 | /09 03:24 |
| Gross Beta | | 96.6pC | Ci/L | | 106 | 70 | 130 | | | |
| Sample ID: C09050182-001AMS | D Şar | mple Matrix | Spike Duplicate | | | Run: TENN | ELEC-3_090519/ | 4 | 05/23 | /09 03:24 |
| Gross Beta | | 90.5pC | i/L | | 99 | 70 | 130 | 0 | 16.3 | |
| Sample ID: C09050400-001DDU | P <u>6</u> Sai | mple Duplica | ate | | | Run: TENN | ELEC-3_090519/ | 4 | 05/23 | /09 03:24 |
| Gross Alpha | | 36.3pC | Ci/L | | | | | 15 | 32.4 | |
| Gross Alpha precision (±) | | 3.89pC | i/L | | | | | | | |
| Gross Alpha MDC | | 2.79pC | Ci/L | | | | | | | |
| Gross Beta | | 14.7pC | Si/L | | | | | 22 | 54.2 | |
| Gross Beta precision (±) | | 2.97pC | Ci/L | | | | | | | |
| Gross Beta MDC | | 4.52pC | Ci/L | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/09/09

Work Order: C09050203

| Analyte | Count Re | sult | Units | RL | %REC | Low Limit | High | Limit | RPD | RPDLimit | Qual |
|--|-------------------|-----------|---------------------|-----------|------------|-------------|--------|-------------|-------------|----------------|-----------|
| Method: E900.0 | | | | | | | | | | Batch: C | SrAB-0662 |
| Sample ID: MB-GrAB-0662 | 6 Method | Blank | | | | Run: G5000 | 0_W | 90601B | | 06/04 | /09 02:05 |
| Gross Alpha | | -0.1 | pCi/L | | | | | | | | U |
| Gross Alpha precision (±) | | 0.6 | pCi/L | | | | | | | | |
| Gross Alpha MDC | | 0.6 | pCi/L | | | | | | | | |
| Gross Beta | | -1 | pCi/L | | | | | | | | U |
| Gross Beta precision (±) | | 1 | pCi/L | | | | | | | | |
| Gross Beta MDC | | 2 | pCi/L | | | | | | | | |
| Sample ID: UNAT-GrAB-0662 | Laborato | ory Cont | trol Sample | | | Run: G5000 |)W_09 | 90601B | | 06/04 | /09 02:05 |
| Gross Alpha | | 140 | pCi/L | | 103 | 70 | | 130 | | | |
| Sample ID: Cs137-GrAB-0662 | Laborato | ory Conf | rol Sample | | | Run: G5000 |)W_09 | 90601B | | 06/04 | /09 02:05 |
| Gross Beta | | 88 | pCi/L | | 97 | 70 | | 130 | | | |
| Sample ID: C09050182-008ADUF | 6 Sample | Duplica | te | | | Run: G5000 | W_09 | 90601B | | 06/04 | /09 02:05 |
| Gross Alpha | | 1.84pC | i/L | | | | | | 190 | 341.1 | U |
| Gross Alpha precision (±) | | 2.36pC | i/L | | | | | | | | |
| Gross Alpha MDC | | 3.73pC | i/L | | | | | | | | |
| Gross Beta | - | 3.10 | pCi/L | | | | | | 38 | 159 | U |
| Gross Beta precision (±) | | 1.98pC | i/L | | | | | | | | |
| Gross Beta MDC | | 3.43pC | i/L | | | | | | | | |
| Sample ID: C09050587-004AMS | Sample | Matrix S | Spike | | | Run: G5000 | W_09 | 90601B | | 06/05 | /09 04:41 |
| Gross Alpha | | 185 | pCi/L | | <u>131</u> | 70 | | 130 | | | S |
| - Spike response is outside of the accomatrix related. The batch is approved | eptance range for | this anal | ysis. Since the LCS | and the R | PD for the | MS MSD pair | are ac | ceptable, t | he response | e is considere | d to be |
| Sample ID: C09050587-004AMSI |) Sample | Matrix S | Spike Duplicate | | | Run: G5000 | W_09 | 90601B | | 06/05 | /09 04:41 |
| Gross Alpha | · | 224 | pCi/L | | <u>159</u> | 70 | | 130 | 19 | 20 | s |
| Sample ID: C09050587-004AMS | Sample | Matrix S | Spike | | | Run: G5000 |)W_09 | 90601B | | 06/05 | /09 04:41 |
| Gross Beta | | 103 | pCi/L | | 101 | 70 | | 130 | | | |
| Sample ID: C09050587-004AMSE |) Sample | Matrix 8 | Spike Duplicate | | | Run: G5000 |)W_09 | 90601B | | 06/05 | /09 04:41 |
| Gross Beta | | 102 | pCi/L | | 100 | 70 | | 130 | 0.9 | 15.8 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/09/09

Work Order: C09050203

| Analyte | Count Res | ult L | Inits | RL. | %REC | Low Lim | it Hi | gh Limit | RPD | RPDLimit | Qual |
|------------------------------|------------|-------------|---------------|-----|------|----------|-------|------------------------|-------------|--------------|-----------|
| Method: E900.0 | | | | | | | | | _ | Batch: G | FrAB-0669 |
| Sample ID: MB-GrAB-0669 | 6 Method B | llank | | | | Run: TEN | NNELE | EC-3_0906 ⁻ | 10A | 06/12 | /09 04:41 |
| Gross Alpha | | 2 p | Ci/L | | | | | | | | |
| Gross Alpha precision (±) | | 0.6 р | Ci/L | | | | | | | | |
| Gross Alpha MDC | • | 0.5 р | Ci/L | | | | | | | | |
| Gross Beta | | -3 p | Ci/L | | | | | | | | U |
| Gross Beta precision (±) | | 2 p | ·Ci/L | | | | | | | | |
| Gross Beta MDC | | 2 p | Ci/L | | | | | | | | |
| Sample ID: UNAT-GrAB-0669 | Laborator | y Contro | l Sample | | | Run: TEN | NNELE | EC-3_0906 ⁻ | 10A | 06/12 | /09 04:42 |
| Gross Alpha | 1 | 130 p | Ci/L | | 95 | 7 | 0 | 130 | | | |
| Sample ID: Cs137-GrAB-0669 | Laborator | y Contro | I Sample | | | Run: TEN | NNELE | EC-3_0906 | 10A | 06/12 | /09 04:42 |
| Gross Beta | 1 | 120 p | Ci/L | | 129 | 7 | 0 | 130 | | | |
| Sample ID: C09050645-009DMS | Sample M | natrix Spi | ke | | | Run: TEN | NNELE | EC-3_0906 | 10A | 06/21 | /09 20:26 |
| Gross Alpha | 1 | 157 p | Ci/L | | 79 | 7 | 0 | 130 | | | |
| Sample ID: C09050645-009DMSD | Sample M | fatrix Spi | ke Duplicate | | | Run: TEN | NNELE | EC-3_0906 ⁻ | 10A | 06/21 | /09 20:26 |
| Gross Alpha | 1 | 158 p | Ci/L | | 80 | 7 | 0 | 130 | 0.9 | 16 .1 | |
| Sample ID: C09050645-009DMS | Sample M | latrix Spi | ke | | | Run: TEN | NNELE | EC-3_0906 ⁻ | 10A | 06/21 | /09 20:26 |
| Gross Beta | 1 | 132 p | Ci/L | | 118 | 7 | 0 | 130 | | | |
| Sample ID: C09050645-009DMSE | Sample M | /latrix Spi | ke Duplicate | | | Run: TEN | NNELE | EC-3_0906 ⁻ | 10 A | 06/21 | /09 20:25 |
| Gross Beta | 1 | 138 p | Ci/L | | 123 | 7 | 0 | 130 | 3.9 | 15.6 | |
| Method: E903.0 | | | | | | | | | | Batch: RA | 1226-3656 |
| Sample ID: C09050203-001CMS | Sample M | Aatrix Spi | ike | | | Run: BEF | RTHO | LD 770-1_0 | 90509A | 05/26 | /09 21:38 |
| Radium 226 | | 22 p | Ci/L | | 119 | 7 | 0 | 130 | | | |
| Sample ID: C09050203-001CMSE | Sample M | /latrix Spi | ike Duplicate | | | Run: BEF | RTHO | LD 770-1_0 | 90509A | 05/26 | /09 21:38 |
| Radium 226 | | 22 p | Ci/L | | 120 | 7 | 0 | 130 | 0.2 | 22.1 | |
| Sample ID: MB-RA226-3656 | 3 Method B | llank | | | | Run: BE | RTHO | LD 770-1_0 | 90509A | 05/26 | /09 23:19 |
| Radium 226 | | 0.1 p | Ci/L | | | | | | | | U |
| Radium 226 precision (±) | | 0.1 p | Ci/L | | | | | | | | |
| Radium 226 MDC | | 0.2 p | Ci/L | | | | | | | | |
| Sample ID: LCS-RA226-3656 | Laborator | y Contro | l Sample | | | Run: BEf | RTHO | LD 770-1_0 | 90509A | 05/26 | /09 23:19 |
| Radium 226 | | 8.3 p | Gi/L | | 103 | 7 | 0 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/09/09

Work Order: C09050203

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Lim | it RPD | RPDLimit | Qual |
|-------------------------------|--------|------------|-----------------|----|------|-----------|-----------|------------|-----------|------------|
| Method: E903.0 | | | | | | | | | Batch: RA | 1226-365 |
| Sample ID: C09050203-010CMS | Sam | ple Matrix | Spike | | | Run: BERT | HOLD 770 | -1_090510A | 05/27 | 7/09 01:02 |
| Radium 226 | | 22 | pCi/L | | 88 | 70 | 13 | 0 | | |
| Sample ID: C09050203-010CMSE |) Sam | ple Matrix | Spike Duplicate | | | Run: BERT | HOLD 770 | -1_090510A | 05/27 | 7/09 01:02 |
| Radium 226 | | 25 | pCi/L | | 103 | 70 | 13 | 0 11 | 22.3 | |
| Sample ID: MB-RA226-3657 | 3 Meth | od Blank | | | | Run: BERT | HOLD 770 | -1_090510A | 05/27 | 7/09 02:54 |
| Radium 226 | | -0.04 | pCi/L | | | | | | | U |
| Radium 226 precision (±) | | 0.1 | pCi/L | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | |
| Sample ID: LCS-RA226-3657 | Labo | ratory Cor | ntrol Sample | | | Run: BERT | HOLD 770 | -1_090510A | 05/27 | //09 02:54 |
| Radium 226 | | 8.1 | pCi/L | | 103 | 70 | 13 | 0 | | |
| Method: E903.0 | | | • | | | | | | Batch: RA | A226-366 |
| Sample ID: C09050203-003CMS | Sam | ple Matrix | Spike | | | Run: BERT | HOLD 770 | -2_090511B | 05/27 | '/09 17:25 |
| Radium 226 | | 72 | pCi/L | | 116 | 70 | 13 | - | | |
| Sample ID: C09050203-003CMSE |) Sam | ple Matrix | Spike Duplicate | | | Run: BERT | HOLD 770 | -2_090511B | 05/27 | //09 17:25 |
| Radium 226 | | 69 | pCi/L | | 94 | 70 | 13 | | 16.9 | |
| Sample ID: MB-RA226-3661 | 3 Meth | od Blank | | | | Run: BERT | HOLD 770 | -2_090511B | 05/28 | /09 08:25 |
| Radium 226 | | 0.02pC | Ci/L | | | | | | | U |
| Radium 226 precision (±) | | 0.1 | pCi/L | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | |
| Sample ID: LCS-RA226-3661 | Labo | ratory Cor | ntrol Sample | | | Run: BERT | HOLD 770 | -2_090511B | 05/28 | /09 08:25 |
| Radium 226 | | 7.5 | pCi/L | | 94 | 70 | 13 | 0 | | |
| Method: RA-05 | | | | | - | | | | Bato | h: 11860 |
| Sample ID: LCS-228-RA226-3661 | Labo | ratory Cor | ntrol Sample | | | Run: TENN | NELEC-3_0 | 90511A | 05/21 | /09 14:53 |
| Radium 228 | | 7.61pC | Ci/L | | 95 | 70 | 13 | 0 | | |
| Sample ID: MB-RA226-3661 | 3 Meth | od Blank | | | | Run: TENN | NELEC-3_0 | 90511A | 05/21 | /09 14:53 |
| Radium 228 | | -0.7 | pCi/L | | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | |
| Sample ID: C09050203-008CMS | Sam | ple Matrix | Spike | | | Run: TENN | NELEC-3_0 | 90511A | 05/21 | /09 14:53 |
| Radium 228 | | 16.8pC | • | | 93 | 70 | 13 | | | |
| Sample ID: C09050203-008CMSE |) Sam | ple Matrix | Spike Duplicate | | | Run: TENN | NELEC-3_0 | 90511A | 05/21 | /09 14:53 |
| Radium 228 | | 15.8pC | | | 87 | 70 | 13 | 0 6.5 | 36.6 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 07/09/09

Project: Lost Creek

Work Order: C09050203

| Analyte | Count | Result | Units | RL | %REC | Low Li | mit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------|-------------|--------------|-----------------|----|------|---------|------|----------------|-----|-----------|-----------|
| Method: RA-05 | | | | | | | | | | Batch: RA | 228-265 |
| Sample ID: LCS-228-RA226-3656 | S La | boratory Co | ntrol Sample | | | Run: TE | ENN | ELEC-3_090509A | ١. | 05/20/ | /09 14:11 |
| Radium 228 | | 8.19p0 | Ci/L | | 96 | | 70 | 130 | | | |
| Sample ID: MB-RA226-3656 | <u>3</u> Me | ethod Blank | | | | Run: TE | ENNI | ELEC-3_090509# | | 05/20/ | /09 14:11 |
| Radium 228 | | -0.1 | pCi/L | | | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | |
| Sample ID: C09050203-002CMS | Sa | mple Matrix | Spike | | | Run: TE | ENNI | ELEC-3_090509A | | 05/20/ | /09 14:11 |
| Radium 228 | | 20.2p0 | Ci/L | | 94 | | 70 | 130 | | | |
| Sample ID: C09050203-002CMSE |) Şa | mple Matrix | Spike Duplicate | | | Run: TE | ENNI | ELEC-3_090509A | | 05/20/ | /09 14:11 |
| Radium 228 | | 20.1p0 | Ci/L | | 93 | | 70 | 130 | 8.0 | 30.3 | |
| Method: RA-05 | | | ** | | | ., | | | | Batch: RA | 228-265 |
| Sample ID: LCS-228-RA226-3657 | 7 La | boratory Coi | ntrol Sample | | | Run: TE | ENN | ELEC-3_090510A | | 05/21/ | /09 10:37 |
| Radium 228 | | 8.53p0 | Ci/L | | 99 | | 70 | 130 | | | |
| Sample ID: MB-RA226-3657 | <u>3</u> Me | ethod Blank | | | | Run: TE | ENNI | ELEC-3_090510A | | 05/21/ | /09 10:37 |
| Radium 228 | | -0.1 | pCi/L | | | | | | | | U |
| Radium 228 precision (±) | | 0.9 | pCi/L | | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | |
| Sample ID: C09050203-018CMS | Sa | mple Matrix | Spike | | | Run: TE | ENNI | ELEC-3_090510A | | 05/21/ | /09 10:37 |
| Radium 228 | | 20.8p0 | Ci/L | | 96 | | 70 | 130 | | | |
| Sample ID: C09050203-018CMSE |) Sa | mple Matrix | Spike Duplicate | | | Run: TE | NNI | ELEC-3_090510A | | 05/21/ | /09 10:37 |
| Radium 228 | | 21.2p0 | Ci/L | | 100 | | 70 | 130 | 2.2 | 34 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration

| ENERGY | |
|--------------|--|
| LABORATORIES | |

Chain of Custody and Analytical Request Record
PLEASE PRINT- Provide as much information as possible.

| Page | 1 | of | Z |
|------|---|----|---|
| ~9~ | | ٠. | |

| Company Name: | Project Nan | | | | | | | | | Samp | le Origin | EPA/St | ate Compliance: | 1 |
|---|---|----------------|---------------|---------------|---------|--------------|---------|----------|-------------------------|-----------|--------------------------------------|--------|------------------------|----------|
| UR Energy | Lost (| Cia | 1 | | | | | | | State: | WY | Yes 🗆 | | |
| Report Mail Address: Sess Entry is Dr. Smite 700 | Contact Na | me: | | Phor | ne/Fax: | | | | | Email | : | Sample | er: (Please Print) | |
| Caspel WY 8269 | 51. | 1 | 3 | 57 - 71. | 5-73 | 73 | 71 | · . | .16 | د ز دُ | <u>ಕೀಪ್ರ್ . (om</u> ase Order: | | | |
| Invoice Address: | Invoice Cor | ntact 8 | & Phone |): | | <u></u> | <i></i> | : - L-6: | | Purch | ase Order: | Quote/ | Bottle Order: | \neg |
| | | | | | | | | | | | | | | |
| Special Report/Formats – ELI must be notified | | | | LYSIS | REQ | UES | TED |) | | | Contact ELI prior RUSH sample su | | Shipped by: | |
| prior to sample submittal for the following: | B O Est | | | | | | | | | R | for charges and | | Cooler ID(s): | |
| UR Energy Exect Short | taine / S / Solid ay O | | | | | | | ED | E | | scheduling – See Instruction Page | : | | |
| □ DW □ A2LA | Number of Containers Sample Type: A W S V B O Air Water Soils/Solids Vegetation Bioassay Other | | | | | | | ATTACHED | Normal Turnaround (TAT) | U | Comments: | | Receipt Temp | |
| GSA EDD/EDT(Electronic Data) | Type: | 00 | | | | | | ¥. | naro | _ | | | On ice: | \dashv |
| POTW/WWTP Format: | umb Jelo ji je Jetati | | | | | | | - 1 | Ţ | S | | | Yes No | 1 |
| ☐ State: ☐ LEVEL IV ☐ Other: ☐ NELAC | Sam | d/1.ne | | | | | | SEE | rma | | | | Bottles/ | ' |
| | | افر ً | | | | | | 0, | 2 | H | | | Coolers B C | ļ |
| SAMPLE IDENTIFICATION Collection Collection (Name, Location, Interval, etc.) Date Time | MATRIX | Gu | | | | | | | | | | | Signature Y N Match | |
| mo. 104 # #3 5-6.09 | w 2ga/ | | | | | | | | | | | | <u>≽</u> | |
| 2 MP-104 #44 | | | | | | | | | | | | | | |
| 3 My-104 #45 | | | | | | | | | | | | | | |
| 4 MO-106 #46 | | | | | | | | | | | | | | |
| 5 MP-106 #47 | | | | | | | | | | | | | l k | |
| 6 My - 106 #48 | | | | | | | | | | | | | ATORY | |
| 7 MO-107 #49 | | | | | | | | | | | (29050ac | 3 | 10 | |
| ° MP-107 #50 | | | | | | | | | | | | | | |
| ° M4-107 #51 | | | | | | | | | | | | | | |
| 10 M-133 #52 | | \int_{0}^{T} | | | | | | | | | | | 7] | |
| Custody Relinquished by (print): Date/Time: | m. | 1 | $\overline{}$ | | Receive | d by (print) | Pi | M | $c ho_0^{\circ}$ | ate/Time | 5/1/09 8: | 47. | ture: | |
| RECORD Relinquished by (print): Date/Time: | Sign | rature | 1.6 | | Receive | d by (print) |): | | D | ate/Time | | Signal | ture: | \neg |
| MUST be harles Kelsey 07 Man | ' | rk | 1, 0 | \mathcal{K} | Receive | d by Labo | ratory: | | D | ate/Time: | | Signat | ture: | - |
| Signed Sample Disposal: Return to Clent: | Lab Dispo | osal: _ | | | 1 | | | | | | | | -1, | |



Chain of Custody and Analytical Request Record PLEASE PRINT- Provide as much information as possible.

Page Z of Z

| Company Name: | | me, PWS, Permit, Etc | | JIG. | Sample Origin | EPA/State Compliance: |
|--|---|----------------------|----------------------|---------------------------------------|------------------------------------|--------------------------|
| ILR Energy | Lost | (tce) | | | State: WY | Yes 🗌 No 🗗 |
| Report Mail Address Dr. Suite 200 | Contact Na | ame: Pho | one/Fax: | | Email: | Sampler: (Please Print) |
| Casses WY 82609 | TI. | 37.70 | -2777 T(| Calan | e and a second second | |
| Invoice Address: | Invoice Co | ntact & Phone: | · CJ /J JOHN | . Lasker | F-energyssa Low Purchase Order: | Quote/Bottle Order: |
| | | | | | | |
| Special Report/Formats – ELI must be notified | | | s request | ED | Contact ELI prior | |
| prior to sample submittal for the following: | e O | | | | RUSH sample su | Cooler ID(s): |
| UR Emmy Excel Short | Number of Containers Sample Type: A W S V B O Air Water Soils/Solids Vegetation Bioassay Other | | | SEE ATTACHED Normal Turnaround (TAT) | scheduling – See | 1 Enc |
| □ DW □ A2LA | Cont A W oils/s | | | <u> </u> | Comments: | Receipt Temp |
| GSA EDD/EDT(Electronic Data) | re Se Se | | | TA(| | <u>°</u> c |
| POTW/WWTP Format: | mbe Se ∃e | | | ATTACHED Turnaround (TA) | S | On Ice: |
| ☐ State: ☐ LEVEL IV ☐ Other: ☐ NELAC | Namp Samp Vege | 2 | | SEE | | Custody Seal Y (N) |
| Other INEDAC | 0, 21 | 13/ | | S | H | Bottles/ Coolers B C |
| SAMPLE IDENTIFICATION Collection Collection | MATRIX | Gal | | | | Intact Y N Signature Y N |
| (Name, Location, Interval, etc.) Date Time | 100711107 | | | | | Match 1 N |
| MO-108 # 53 5-6.09 | W Zgc/ | | | | | |
| 2 MP-108 #54 | | | | | | |
| 3 Mo-109 # 55 | | | | | | Ուռ |
| 4 MP-109 #54 | | | | | | |
| 5 MP-113 #57 | | | | | | <u></u> |
| 6 M4-109 #58 | | | | | | |
| 7 M-134 #59 | | | | | | A1 |
| 8 M4-11) # 37 |) | | | | | |
| 9 | | | | | (29050) | 03 <u>§</u> |
| 10 | | | | | | 7 |
| Record Reliaguished by (print): Date/Time: 5:30 Record Definguished by (print): Date/Time: Date/Ti | Side. | July 1 | Received by (print): | MPILL " | 5/1/09, 8:47 | Signature: |
| MUST be Males Kelsay 87 MA | 2 de 1 | nature: | Received by (print): | | Date/Time: | Signature: |
| Signed Sample Disposal: Return to Client | Lab Dispo | nsal: | Received by Laborato | ory: D | ate/Time: | Signature: |
| Sample Disposal. Inclum to Olice | Las Dispi | <u> </u> | <u> </u> | | | |

Energy Laboratories Inc Workorder Receipt Checklist



UR Energy USA Inc

Date and Time Received: 5/7/2009 8:47 AM Login completed by: Corinne Wagner Received by: em Reviewed by: Carrier name: Hand Del Reviewed Date: Not Present | Yes ✓ No 🗀 Shipping container/cooler in good condition? Custody seals intact on shipping container/cooler? Yes 🗀 No 🗌 Not Present ✓ Yes 🗌 No 🗌 Not Present [✓] Custody seals intact on sample bottles? Yes 🗸 No 🗌 Chain of custody present? No 🖂 Chain of custody signed when relinquished and received? Yes 🔽 No 🔲 Chain of custody agrees with sample labels? Yes 🔽 Yes ✓ No 🔲 Samples in proper container/bottle? No 🗀 Yes

√ Sample containers intact? No 🗌 Yes 🗸 Sufficient sample volume for indicated test? Yes 🗹 No 🔲 All samples received within holding time? 6°C Container/Temp Blank temperature: No VOA vials submitted 🔽 No □ Water - VOA vials have zero headspace? Yes 🗌 Not Applicable [Yes ☑ No 🔲 Water - pH acceptable upon receipt?

Contact and Corrective Action Comments:

None



CLIENT:

UR Energy USA Inc

Date: 09-Jul-09

Project:

Lost Creek

CASE NARRATIVE

Sample Delivery Group: C09050203

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS

Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS

The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505

Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT

eli-g - Energy Laboratories, Inc. - Gillette, WY

eli-h - Energy Laboratories, Inc. - Helena, MT

eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA;

Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT



ANALYTICAL SUMMARY REPORT

July 02, 2009

UR Energy USA Inc 10758 W Centennial Rd Ste 200 Ken Caryl Ranch, CO 80127

Workorder No.: C09050246

Quote ID: C2998 - Baseline Monitoring

Project Name:

Lost Creek

Energy Laboratories, Inc. received the following 16 samples for UR Energy USA Inc on 5/8/2009 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|---------------|------------------|----------------|--------------|---------|--|
| C09050246-00 | | 05/07/09 00:00 | 05/08/09 | Aqueous | Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved |
| C09050246-00 | 2 MP-103 | 05/07/09 00:00 | 05/08/09 | Aqueous | Same As Above |
| C09050246-00 | 3 MU-103 | 05/07/09 00:00 | 05/08/09 | Aqueous | Same As Above |
| C09050246-00 | 4 MO-105 | 05/07/09 00:00 | 05/08/09 | Aqueous | Same As Above |
| C09050246-00 | 5 MP-105 | 05/07/09 00:00 | 05/08/09 | Aqueous | Same As Above |
| C09050246-00 | 6 MU-105 | 05/07/09 00:00 | 05/08/09 | Aqueous | Same As Above |
| C09050246-00 | 7 KPW-2 | 05/07/09 00:00 | 05/08/09 | Aqueous | Same As Above |
| 09050246-00 | 8 M-135 | 05/07/09 00:00 | 05/08/09 | Aqueous | Same As Above |
| C09050246-00 | 9 MO-101 | 05/07/09 00:00 | 05/08/09 | Aqueous | Same As Above |
| C09050246-01 | 0 MP-101 | 05/07/09 00:00 | 05/08/09 | Aqueous | Same As Above |
| C09050246-01 | 1 MU-101 | 05/07/09 00:00 | 05/08/09 | Aqueous | Same As Above |
| 09050246-01 | 2 MO-102 | 05/07/09 00:00 | 05/08/09 | Aqueous | Same As Above |
| 09050246-01 | 3 MP-102 | 05/07/09 00:00 | 05/08/09 | Aqueous | Same As Above |
| 09050246-014 | 4 MU-102 | 05/07/09 00:00 | 05/08/09 | Aqueous | Same As Above |
| 09050246-01 | 5 MP-111 | 05/07/09 00:00 | 05/08/09 | Aqueous | Same As Above |
| C09050246-016 | 5 M-136 | 05/07/09 00:00 | 05/08/09 | Aqueous | Same As Above |



ANALYTICAL SUMMARY REPORT

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Stephanie D. Waldrop Reporting Supervisor



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-001

Client Sample ID: MO-103

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 113 | mg/L | | 1 | | A2320 B | 05/13/09 22:55 / IjI |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/13/09 22:55 / Ijl |
| Bicarbonate as HCO3 | 138 | mg/L | | 1 | | A2320 B | 05/13/09 22:55 / j |
| Calcium | 80 | mg/L | | 1 | | E200.7 | 05/28/09 22:04 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/23/09 16:21 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/14/09 14:28 / Iji |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 05/28/09 22:04 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/13/09 11:11 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.07 | mg/L | | 0.05 | | E353.2 | 05/12/09 15:51 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/28/09 22:04 / rdw |
| Silica | 15.8 | mg/L | | 0.2 | | E200.7 | 05/28/09 22:04 / rdw |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 05/28/09 22:04 / rdw |
| Sulfate | 175 | mg/L | | 1 | | E300.0 | 05/23/09 16:21 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 577 | umhos/cm | | 1 | | A2510 B | 05/11/09 10:20 / dd |
| pH | 7.77 | s.u. | | 0.01 | | A4500-H B | 05/11/09 10:20 / dd |
| Solids, Total Dissolved TDS @ 180 C | 396 | mg/L | | 10 | | A2540 C | 05/11/09 13:55 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/02/09 14:46 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 00:16 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 22:09 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/28/09 22:04 / rdw |
| Cadmium | ND | mg/L | 1 | 0.005 | | E200.8 | 05/15/09 00:16 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 00:16 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 00:16 / ts |
| lron . | 0.04 | mg/L | | 0.03 | | E200.7 | 05/12/09 22:09 / rdw |
| Lead | ND | mg/L | 1 | 0.001 | | E200.8 | 05/15/09 00:16 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/12/09 22:09 / rdw |
| Mercury | ND | mg/L | 1 | 0.001 | | E200.8 | 05/15/09 00:16 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 00:16 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 00:16 / ts |
| Selenium | 0.014 | mg/L | | 0.001 | | E200.8 | 05/15/09 00:16 / ts |
| Uranium | 0.481 | mg/L | c | 0.0003 | | E200.8 | 05/15/09 00:16 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 00:16 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 00:16 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/19/09 23:48 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/19/09 23:48 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-001

Client Sample ID: MO-103

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 500 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Alpha precision (±) | 10.6 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta | 121 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta precision (±) | 3.1 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/05/09 04:41 / cgr |
| Radium 226 | 3.3 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 226 precision (±) | 0.35 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 226 MDC | 0.12 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 228 | 2.7 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| Radium 228 precision (±) | 8.0 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.16 | % | | | | Calculation | 06/01/09 07:57 / kbh |
| Anions | 6.08 | meq/L | | | | Calculation | 06/01/09 07:57 / kbh |
| Cations | 5.82 | meq/L | | | | Calculation | 06/01/09 07:57 / kbh |
| Solids, Total Dissolved Calculated | 389 | mg/L | | | | Calculation | 06/01/09 07:57 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | | | | | Calculation | 06/01/09 07:57 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-002

Client Sample ID: MP-103

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 105 | mg/L | | 1 | | A2320 B | 05/13/09 23:02 / Iji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/13/09 23:02 / ljl |
| Bicarbonate as HCO3 | 128 | mg/L | | 1 | | A2320 B | 05/13/09 23:02 / Iji |
| Calcium | 74 | mg/L | | 1 | | E200.7 | 05/28/09 22:21 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/23/09 16:36 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/14/09 14:32 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 05/28/09 22:21 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/13/09 11:13 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/12/09 15:52 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/28/09 22:21 / rdw |
| Silica | 13.6 | mg/L | | 0.2 | | E200.7 | 05/28/09 22:21 / rdw |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 05/28/09 22:21 / rdw |
| Sulfate | 166 | mg/L | | 1 | | E300.0 | 05/23/09 16:36 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 549 | umhos/cm | | 1 | | A2510 B | 05/11/09 10:24 / dd |
| pH | 7.83 | s.u. | | 0.01 | | A4500-H B | 05/11/09 10:24 / dd |
| Solids, Total Dissolved TDS @ 180 C | 376 | mg/L | | 10 | | A2540 C | 05/11/09 13:55 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/02/09 14:58 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 00:23 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 22:24 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/28/09 22:21 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/15/09 00:23 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 00:23 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 00:23 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 22:24 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 00:23 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/12/09 22:24 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 00:23 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 00:23 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 00:23 / ts |
| Selenium | 0.002 | mg/L | : | 0.001 | | E200.8 | 05/15/09 00:23 / ts |
| Uranium | 0.0634 | mg/L | (| 0.0003 | | E200.8 | 05/15/09 00:23 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 00:23 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 00:23 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/19/09 23:53 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/19/09 22:20 / ts |
| Thorium 232 | ND | mg/L | ĺ | 0.001 | | E200.8 | 05/19/09 22:20 / ts |
| | | | | | | | |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-002

Client Sample ID: MP-103

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 240 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Alpha precision (±) | 7.3 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta | 120 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta precision (±) | 3.1 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Radium 226 | 100 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 226 precision (±) | 2.0 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 226 MDC | 0.14 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 228 | 2.7 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.06 | % | | | | Calculation | 06/01/09 09:24 / kbh |
| Anions | 5.71 | meq/L | | | | Calculation | 06/01/09 09:24 / kbh |
| Cations | 5.48 | meq/L | | | | Calculation | 06/01/09 09:24 / kbh |
| Solids, Total Dissolved Calculated | 364 | mg/L | | | | Calculation | 06/01/09 09:24 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | | | | | Calculation | 06/01/09 09:24 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-003

Client Sample ID: MU-103

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | _ | | | | | ·- | |
| Alkalinity, Total as CaCO3 | 83 | mg/L | | 1 | | A2320 B | 05/13/09 23:09 / lji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/13/09 23:09 / ljl |
| Bicarbonate as HCO3 | 101 | mg/L | | 1 | | A2320 B | 05/13/09 23:09 / ljl |
| Calcium | 45 | mg/L | | 1 | | E200.7 | 05/28/09 22:26 / rdw |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/23/09 16:52 / ljl |
| Fluoride | 0,2 | mg/L | | 0.1 | | A4500-F C | 05/14/09 14:35 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/28/09 22:26 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/13/09 11:14 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/12/09 15:53 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/28/09 22:26 / rdw |
| Silica | 14.8 | mg/L | | 0.2 | | E200.7 | 05/28/09 22:26 / rdw |
| Sodium | 27 | mg/L | | 1 | | E200.7 | 05/28/09 22:26 / rdw |
| Sulfate | 92 | mg/L | | 1 | | E300.0 | 05/23/09 16:52 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 372 | umhos/cm | | 1 | | A2510 B | 05/11/09 10:26 / dd |
| pH | 8.42 | s.u. | | 0.01 | | A4500-H B | 05/11/09 10:26 / dd |
| Solids, Total Dissolved TDS @ 180 C | 273 | mg/L | | 10 | | A2540 C | 05/11/09 13:56 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/02/09 15:06 / cp |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/15/09 00:30 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 22:29 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/28/09 22:26 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/15/09 00:30 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 00:30 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 00:30 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 22:29 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 00:30 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/12/09 22:29 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 00:30 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 00:30 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 00:30 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 00:30 / ts |
| Jranium | 0.0105 | mg/L | | 0.0003 | | E200.8 | 05/15/09 00:30 / ts |
| Vanadium | 0.0103 ND | mg/L | , | 0.1 | | E200.8 | 05/15/09 00:30 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 05/15/09 00:30 / ts |
| METALS - TOTAL | | | | | | | |
| iron | 1.18 | mg/L | | 0.03 | | E200.8 | 06/04/09 12:48 / sml |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.8 | 06/04/09 12:48 / sml |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-003

Client Sample ID: MU-103

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| | | | Qualifiers | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 132 | pCi/L | | | | E900.0 | 06/20/09 13:36 / cgr |
| Gross Alpha precision (±) | 6.3 | pCi/L | | | | E900.0 | 06/20/09 13:36 / cgr |
| Gross Alpha MDC | 2.5 | pCi/L | | | | E900.0 | 06/20/09 13:36 / cgr |
| Gross Beta | 63.4 | pCi/L | | | | E900.0 | 06/20/09 13:36 / cgr |
| Gross Beta precision (±) | 2.7 | pCi/L | | | | E900.0 | 06/20/09 13:36 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 06/20/09 13:36 / cgr |
| Radium 226 | 4.8 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 226 precision (±) | 0.38 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 226 MDC | 0.10 | pÇi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 228 | 2.8 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| Radium 228 MDC | 1 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.791 | % | | | | Calculation | 06/01/09 09:25 / kbh |
| Anions | 3.70 | meq/L | | | | Calculation | 06/01/09 09:25 / kbh |
| Cations | 3.64 | meq/L | | | | Calculation | 06/01/09 09:25 / kbh |
| Solids, Total Dissolved Calculated | 242 | mg/L | | | | Calculation | 06/01/09 09:25 / kbh |
| TDS Balance (0.80 - 1.20) | 1.13 | | | | | Calculation | 06/01/09 09:25 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-004

Client Sample ID: MO-105

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | - | |
| Alkalinity, Total as CaCO3 | 104 | mg/L | | 1 | | A2320 B | 05/13/09 23:16 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/13/09 23:16 / ljl |
| Bicarbonate as HCO3 | 127 | mg/L | | 1 | | A2320 B | 05/13/09 23:16 / Iil |
| Calcium | 58 | mg/L | | 1 | | E200.7 | 05/28/09 22:32 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/23/09 17:07 / lji |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/14/09 14:38 / Iji |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/28/09 22:32 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/13/09 11:15 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.12 | mg/L | | 0.05 | | E353.2 | 05/12/09 15:54 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/28/09 22:32 / rdw |
| Silica | 14.4 | mg/L | | 0.2 | | E200.7 | 05/28/09 22:32 / rdw |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 05/28/09 22:32 / rdw |
| Sulfate | 125 | mg/L | | 1 | | E300.0 | 05/23/09 17:07 / ljil |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 469 | umhos/cm | | 1 | | A2510 B | 05/11/09 10:28 / dd |
| oH | 7.98 | s.u. | | 0.01 | | A4500-H B | 05/11/09 10:28 / dd |
| Solids, Total Dissolved TDS @ 180 C | 324 | mg/L | | 10 | | A2540 C | 05/11/09 13:56 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/02/09 15:10 / cp |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/15/09 00:37 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 22:34 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/28/09 22:32 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/15/09 00:37 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 00:37 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 00:37 / ts |
| ron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 22:34 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 00:37 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/12/09 22:34 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 00:37 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 00:37 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 00:37 / ts |
| Selenium | 0.014 | mg/L | | 0.001 | | E200.8 | 05/15/09 00:37 / ts |
| Jranium | 0.320 | mg/L | | 0.0003 | | E200.8 | 05/15/09 00:37 / ts |
| √anadium | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 00:37 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 00:37 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/19/09 23:59 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/19/09 23:59 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-004

Client Sample ID: MO-105

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 334 | pCi/L | | | | E900.0 | 06/21/09 20:26 / cgr |
| Gross Alpha precision (±) | 7.7 | pCi/L | | | | E900.0 | 06/21/09 20:26 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 06/21/09 20:26 / cgr |
| Gross Beta | 121 | pCi/L | | | | E900.0 | 06/21/09 20:26 / cgr |
| Gross Beta precision (±) | 3.3 | pCi/L | | | | E900.0 | 06/21/09 20:26 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/21/09 20:26 / cgr |
| Radium 226 | 2.4 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 226 precision (±) | 0.30 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 226 MDC | 0.12 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 228 | 2.1 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2,41 | % | | | | Calculation | 06/01/09 09;25 / kbh |
| Anions | 4.82 | meq/L | | | | Calculation | 06/01/09 09:25 / kbh |
| Cations | 4.60 | meq/L | | | | Calculation | 06/01/09 09:25 / kbh |
| Solids, Total Dissolved Calculated | 306 | mg/L | | | | Calculation | 06/01/09 09:25 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | _ | | | | Calculation | 06/01/09 09:25 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-005

Client Sample ID: MP-105

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09 Matrix: Aqueous

| Australia | 5 " | | | | MCL/ | | |
|-------------------------------------|------------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 75 | mg/L | | 1 | | A2320 B | 05/13/09 23:23 / IjI |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/13/09 23:23 / lji |
| Bicarbonate as HCO3 | 90 | mg/L | | 1 | | A2320 B | 05/13/09 23:23 / lji |
| Calcium | 56 | mg/L | | 1 | | E200.7 | 05/28/09 22:37 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/23/09 17:22 / Iji |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/14/09 14:41 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/28/09 22:37 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/13/09 11:16 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/12/09 15:55 / eli-b |
| Potassium | 8 | mg/L | | 1 | | E200.7 | 05/28/09 22:37 / rdw |
| Silica | 13.9 | mg/L | | 0.2 | | E200.7 | 05/28/09 22:37 / rdw |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 05/28/09 22:37 / rdw |
| Sulfate | 138 | mg/L | | 1 | | E300.0 | 05/23/09 17:22 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 460 | umhos/cm | | 1 | | A2510 B | 05/11/09 10:29 / dd |
| рН | 8.69 | s.u. | | 0.01 | | A4500-H B | 05/11/09 10:29 / dd |
| Solids, Total Dissolved TDS @ 180 C | 306 | mg/L | | 10 | | A2540 C | 05/11/09 13:57 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/02/09 15:15 / cp |
| Arsenic | 0.019 | mg/L | | 0.001 | | E200.8 | 05/15/09 00:43 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 22:39 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/28/09 22:37 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/15/09 00:43 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 00:43 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 00:43 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 22:39 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 00:43 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/12/09 22:39 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 00:43 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 00:43 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 00:43 / ts |
| Selenium | 0.007 | mg/L | | 0.001 | | E200.8 | 05/15/09 00:43 / ts |
| Uranium | 0.453 | mg/L | | 0.0003 | | E200.8 | 05/15/09 00:43 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 00:43 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 00:43 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/20/09 00:09 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/20/09 00:09 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-005

Client Sample ID: MP-105

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 914 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Alpha precision (±) | 13.7 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta | 398 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta precision (±) | 5.1 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Radium 226 | 242 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 226 precision (±) | 2.9 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 226 MDC | 0.12 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 228 | 3.0 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 1.10 | % | | | | Calculation | 06/01/09 09:25 / kbh |
| Anions | 4.53 | meq/L | | | | Calculation | 06/01/09 09:25 / kbh |
| Cations | 4.63 | meq/L | | | | Calculation | 06/01/09 09:25 / kbh |
| Solids, Total Dissolved Calculated | 306 | mg/L | | | | Calculation | 06/01/09 09:25 / kbh |
| TDS Balance (0.80 - 1.20) | 1.00 | - | | | | Calculation | 06/01/09 09:25 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-006

Client Sample ID: MU-105

Report Date: 07/02/09

Collection Date: 05/07/09 DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL_ | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | • | | | | | | |
| Alkalinity, Total as CaCO3 | 92 | mg/L | | 1 | | A2320 B | 05/13/09 23:31 / ljl |
| Carbonate as CO3 | 4 | mg/L | | 1 | | A2320 B | 05/13/09 23:31 / Ijl |
| Bicarbonate as HCO3 | 105 | mg/L | | 1 | | A2320 B | 05/13/09 23:31 / Iji |
| Calcium | 45 | mg/L | | 1 | | E200.7 | 05/28/09 23:00 / rdw |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/23/09 17:38 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/14/09 14:49 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/28/09 23:00 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/13/09 11:17 / eli-k |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/12/09 15:56 / eli-k |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/28/09 23:00 / rdw |
| Silica | 14.2 | mg/L | | 0.2 | | E200.7 | 05/28/09 23:00 / rdw |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 05/28/09 23:00 / rdw |
| Sulfate | 100 | mg/L | | 1 | | E300.0 | 05/23/09 17:38 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 402 | umhos/cm | | 1 | | A2510 B | 05/11/09 10:31 / dd |
| pH | 8.60 | s.u. | | 0.01 | | A4500-H B | 05/11/09 10:31 / dd |
| Solids, Total Dissolved TDS @ 180 C | 265 | mg/L | | 10 | | A2540 C | 05/11/09 13:57 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/02/09 15:19 / cp |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/15/09 01:31 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 22:45 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/28/09 23:00 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/15/09 01:31 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 01:31 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 01:31 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 22:45 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 01:31 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/12/09 22:45 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 01:31 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 01:31 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 01:31 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 01:31 / ts |
| Uranium | 0.0275 | mg/L | | 0.0003 | | E200.8 | 05/15/09 01:31 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 01:31 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 01:31 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/20/09 00:14 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/20/09 00:14 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level,



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-006

Client Sample ID: MU-105

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---------|-------|------------|----|-------------|-------------|----------------------|
| - The last of the | INDOUIL | Units | Qualifiers | KL | | ineti i od | Allalysis Date? By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 161 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Alpha precision (±) | 5.5 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta | 57.6 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta precision (±) | 2.4 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Radium 226 | 70 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 226 precision (±) | 1.5 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 226 MDC | 0.12 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 228 | 3.3 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | ٠ | | | RA-05 | 05/21/09 12:47 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.50 | % | | | | Calculation | 06/01/09 09:26 / kbh |
| Anions | 4.04 | meq/L | | | | Calculation | 06/01/09 09:26 / kbh |
| Cations | 3.84 | meq/L | | | | Calculation | 06/01/09 09:26 / kbh |
| Solids, Total Dissolved Calculated | 259 | mg/L | | | | Calculation | 06/01/09 09:26 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | _ | | | | Calculation | 06/01/09 09:26 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-007

Client Sample ID: KPW-2

Report Date: 07/02/09

Collection Date: 05/07/09 DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 99 | mg/L | | 1 | | A2320 B | 05/13/09 23:54 / Ijl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/13/09 23:54 / |
| Bicarbonate as HCO3 | 121 | mg/L | | 1 | | A2320 B | 05/13/09 23:54 / ljl |
| Calcium | 53 | mg/L | | 1 | | E200.7 | 05/28/09 23:07 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/23/09 17:53 / lji |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/14/09 14:52 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/28/09 23:07 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/13/09 11:18 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/12/09 16:04 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 05/28/09 23:07 / rdw |
| Silica | 15.5 | mg/L | | 0.2 | | E200.7 | 05/28/09 23:07 / rdw |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 05/28/09 23:07 / rdw |
| Sulfate | 121 | mg/L | | 1 | | E300.0 | 05/23/09 17:53 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 460 | umhos/cm | | 1 | | A2510 B | 05/11/09 10:35 / dd |
| pH | 8.12 | s.u. | | 0.01 | | A4500-H B | 05/11/09 10:35 / dd |
| Solids, Total Dissolved TDS @ 180 C | 307 | mg/L | | 10 | | A2540 C | 05/11/09 13:57 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/02/09 16:11 / cp |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 05/15/09 01:38 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 22:50 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/28/09 23:07 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/15/09 01:38 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 01:38 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 01:38 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 22:50 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 01:38 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/12/09 22:50 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 01:38 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 01:38 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 01:38 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 01:38 / ts |
| Uranium | 0.0226 | mg/L | | 0.0003 | | E200.8 | 05/15/09 01:38 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 01:38 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 01:38 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/20/09 00:19 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/20/09 00:19 / rdw |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-007

Client Sample ID: KPW-2

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | • | | | | | | |
| Gross Alpha | 42.4 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Alpha precision (±) | 3.0 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta | 20.1 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Radium 226 | 6.8 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 226 precision (±) | 0.53 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 226 MDC | 0.14 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 228 | 5.0 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.30 | % | | | | Calculation | 06/01/09 09:45 / kbh |
| Anions | 4.65 | meq/L | | | | Calculation | 06/01/09 09:45 / kbh |
| Cations | 4.44 | meq/L | | | | Calculation | 06/01/09 09:45 / kbh |
| Solids, Total Dissolved Calculated | 300 | mg/L | | | | Calculation | 06/01/09 09:45 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | - | | | | Calculation | 06/01/09 09:45 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-008

Client Sample ID: M-135

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|------------|--------------|------------|---------------|-------------|------------------|--|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 93 | mg/L | | 1 | | A2320 B | 05/14/09 00:01 / iji |
| Carbonate as CO3 | 4 | mg/L | | 1 | | A2320 B | 05/14/09 00:01 / Iji |
| Bicarbonate as HCO3 | 107 | mg/L | | 1 | | A2320 B | 05/14/09 00:01 / ljl |
| Calcium | 45 | mg/L | | 1 | | E200.7 | 05/28/09 23:12 / rdw |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/23/09 18:39 / Iji |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/14/09 14:55 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/28/09 23:12 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/13/09 11:22 / eli-l |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/12/09 16:00 / eli-l |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/28/09 23:12 / rdw |
| Silica | 14,1 | mg/L | | 0.2 | | E200.7 | 05/28/09 23:12 / rdw |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 05/28/09 23:12 / rdw |
| Sulfate | 100 | mg/L | | 1 | | E300.0 | 05/23/09 18:39 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 402 | umhos/cm | | 1 | | A2510 B | 05/11/09 10:36 / dd |
| pH | 8.59 | S.U. | | 0.01 | | A4500-H B | 05/11/09 10:36 / dd |
| Solids, Total Dissolved TDS @ 180 C | 273 | mg/L | | 10 | | A2540 C | 05/11/09 13:57 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/02/09 16:15 / cp |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 05/15/09 01:44 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 22:55 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/28/09 23:12 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/15/09 01:44 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 01:44 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 01:44 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 22:55 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.7 E200.8 | 05/15/09 01:44 / ts |
| Manganese | ND | mg/L | | 0.001 | | E200.7 | 05/12/09 22:55 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.7 | 05/15/09 01:44 / ts |
| Molybdenum | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 01:44 / ts |
| Nickel | ND | • | | | | | |
| Nickei Selenium | ND ND | mg/L | | 0.05 0.001 | | E200.8 E200.8 | 05/15/09 01:44 / ts 05/15/09 01:44 / ts |
| | | mg/L | | | | | |
| Jranium √anadium | 0.0275 | mg/L | | 0.0003 | | E200.8 | 05/15/09 01:44 / ts |
| vanadium Zinc | ND 0.01 | mg/L mg/L | | 0.1 0.01 | | E200.8 E200.8 | 05/15/09 01:44 / ts 05/15/09 01:44 / ts |
| METALS - TOTAL | | | | | | | |
| | ND | | | 0.00 | | E200 7 | 05/00/00 00:40 |
| lron | ND | mg/L | - | 0.03 | | E200.7 | 05/20/09 00:40 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/20/09 00:40 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-008

Client Sample ID: M-135

Report Date: 07/02/09 Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | • | |
| Gross Alpha | 165 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Alpha precision (±) | 5.6 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta | 57.0 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta precision (±) | 2.4 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Radium 226 | 73 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 226 precision (±) | 1.7 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 226 MDC | 0.14 | pCi/L | | | | E903.0 | 05/27/09 00:37 / jah |
| Radium 228 | 3.8 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/21/09 12:47 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.95 | % | | | | Calculation | 06/01/09 09:26 / kbh |
| Anions | 4.08 | meq/L | | | | Calculation | 06/01/09 09:26 / kbh |
| Cations | 3.84 | meq/L | | | | Calculation | 06/01/09 09:26 / kbh |
| Solids, Total Dissolved Calculated | 260 | mg/L | | | | Calculation | 06/01/09 09:26 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | | | | | Calculation | 06/01/09 09:26 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-009

Client Sample ID: MO-101

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 110 | mg/L | | 1 | | A2320 B | 05/14/09 00:08 / Ijl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/14/09 00:08 / lji |
| Bicarbonate as HCO3 | 135 | mg/L | | 1 | | A2320 B | 05/14/09 00:08 / ljl |
| Calcium | 91 | mg/L | | 1 | | E200.7 | 05/28/09 23:17 / rdw |
| Chloride | 8 | mg/L | | 1 | | E300.0 | 05/23/09 19:26 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/14/09 14:58 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 05/28/09 23:17 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/13/09 11:26 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/12/09 16:05 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/28/09 23:17 / rdw |
| Silica | 14.4 | mg/L | | 0.2 | | E200.7 | 05/28/09 23:17 / rdw |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 05/28/09 23:17 / rdw |
| Sulfate | 204 | mg/L | | 1 | | E300.0 | 05/23/09 19:26 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 624 | umhos/cm | | 1 | | A2510 B | 05/11/09 10:40 / dd |
| рΗ | 7.93 | s.u. | | 0.01 | | A4500-H B | 05/11/09 10:40 / dd |
| Solids, Total Dissolved TDS @ 180 C | 442 | mg/L | | 10 | | A2540 C | 05/11/09 13:58 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/02/09 16:19 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 01:51 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 23:15 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/28/09 23:17 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/15/09 01:51 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 01:51 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 01:51 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 23:15 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 01:51 / ts |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.7 | 05/12/09 23:15 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 01:51 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 01:51 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 01:51 / ts |
| Selenium | 0.012 | mg/L | | 0.001 | | E200.8 | 05/15/09 01:51 / ts |
| Jranium | 0.384 | mg/L | | 0.0003 | | E200.8 | 05/15/09 01:51 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 01:51 / ts |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 05/15/09 01:51 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/20/09 00:55 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/20/09 00:55 / rdw |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-009

Client Sample ID: MO-101

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 445 | pCi/L | | | | E900.0 | 06/21/09 20:26 / cgr |
| Gross Alpha precision (±) | 9.7 | pCi/L | | | | E900.0 | 06/21/09 20:26 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 06/21/09 20:26 / cgr |
| Gross Beta | 144 | pCi/L | | | | €900.0 | 06/21/09 20:26 / cgr |
| Gross Beta precision (±) | 3.5 | pCi/L | | | | E900.0 | 06/21/09 20:26 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/21/09 20:26 / cgr |
| Radium 226 | 4.1 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 226 precision (±) | 0.46 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 228 | 2.1 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.58 | % | | | | Calculation | 06/01/09 09:27 / kbh |
| Anions | 6.68 | meq/L | | | | Calculation | 06/01/09 09:27 / kbh |
| Cations | 6.47 | meq/L | | | | Calculation | 06/01/09 09:27 / kbh |
| Solids, Total Dissolved Calculated | 429 | mg/L | | | | Calculation | 06/01/09 09:27 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | _ | | | | Calculation | 06/01/09 09:27 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-010

Client Sample ID: MP-101

Report Date: 07/02/09

Collection Date: 05/07/09 DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Dan U | 15.4 | A | | MCL/ | BB_481 | Amakata Masa / M |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 119 | mg/L | | 1 | | A2320 B | 05/14/09 00:15 / lji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/14/09 00:15 / ljl |
| Bicarbonate as HCO3 | 145 | mg/L | | 1 | | A2320 B | 05/14/09 00:15 / Iji |
| Calcium | 80 | mg/L | | 1 | | E200.7 | 05/28/09 23:23 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/23/09 19:41 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/14/09 15:02 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 05/28/09 23:23 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/13/09 11:27 / eli-l |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/12/09 16:06 / eli-l |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/28/09 23:23 / rdw |
| Silica | 15.9 | mg/L | | 0.2 | | E200.7 | 05/28/09 23:23 / rdw |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 05/28/09 23:23 / rdw |
| Sulfate | 173 | mg/L | | 1 | | E300.0 | 05/23/09 19:41 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 578 | umhos/cm | | 1 | | A2510 B | 05/11/09 10:42 / dd |
| pH | 7.94 | s.u. | | 0.01 | | A4500-H B | 05/11/09 10:42 / dd |
| Solids, Total Dissolved TDS @ 180 C | 410 | mg/L | | 10 | | A2540 C | 05/11/09 13:58 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/02/09 16:23 / cp |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 05/15/09 01:58 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 23:21 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/28/09 23:23 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/15/09 01:58 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 01:58 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 01:58 / ts |
| ron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 23:21 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 01:58 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 05/12/09 23:21 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 01:58 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 01:58 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 01:58 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 01:58 / ts |
| Jranium | 0.0735 | mg/L | | 0.0003 | | E200.8 | 05/15/09 01:58 / ts |
| √anadium | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 01:58 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 01:58 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 0.04 | mg/L | | 0.03 | | E200.7 | 05/20/09 01:00 / rdw |
| Vanganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/19/09 22:27 / ts |
| Thorium 232 | ND | mg/L | | 0.001 | | E200.8 | 05/19/09 22:27 / ts |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-010

Client Sample ID: MP-101

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | • | - | | | |
| Gross Alpha | 552 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Alpha precision (±) | 11.3 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta | 159 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta precision (±) | 3.5 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Radium 226 | 240 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 226 precision (±) | 3.2 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 228 | 5.7 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3,34 | % | | | | Calculation | 06/01/09 09:27 / kbh |
| Anions | 6.14 | meq/L | | | | Calculation | 06/01/09 09:27 / kbh |
| Cations | 5.74 | meq/L | | | | Calculation | 06/01/09 09:27 / kbh |
| Solids, Total Dissolved Calculated | 388 | mg/L | | | | Calculation | 06/01/09 09:27 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | | | | | Calculation | 06/01/09 09:27 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-011

Client Sample ID: MU-101

Report Date: 07/02/09

Collection Date: 05/07/09 DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|------------------|--|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 109 | mg/L | | 1 | | A2320 B | 05/14/09 00:45 / ljl |
| Carbonate as CO3 | 7 | mg/L | | 1 | | A2320 B | 05/14/09 00:45 / ljl |
| Bicarbonate as HCO3 | 119 | mg/L | | i 1 | | A2320 B | 05/14/09 00:45 / iji |
| Calcium | 63 | mg/L | | 1 | | E200.7 | 05/28/09 23:45 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/23/09 19:56 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/14/09 15:15 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/28/09 23:45 / rdw |
| Nitrogen, Ammonia as N | 0.09 | mg/L | | 0.05 | | E350.1 | 05/13/09 11:28 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/12/09 16:07 / eli-b |
| Potassium | 10 | mg/L | | 1 | | E200.7 | 05/28/09 23:45 / rdw |
| Silica | 15.2 | mg/L | | 0.2 | | E200.7 | 05/28/09 23:45 / rdw |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 05/28/09 23:45 / rdw |
| Sulfate | 147 | mg/L | | 1 | | E300.0 | 05/23/09 19:56 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 519 | umhos/cm | | 1 | | A2510 B | 05/11/09 10:45 / dd |
| pH | 8.83 | s.u. | | 0.01 | | A4500-H B | 05/11/09 10:45 / dd |
| Solids, Total Dissolved TDS @ 180 C | 365 | mg/L | | 10 | | A2540 C | 05/11/09 13:58 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/02/09 16:27 / cp |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 05/15/09 02:05 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 23:26 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/28/09 23:45 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/15/09 02:05 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 02:05 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 02:05 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 23:26 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 02:05 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/12/09 23:26 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 02:05 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 02:05 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 02:05 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 02:05 / ts |
| Uranium | 0.0074 | mg/L | | 0.0003 | | E200.8 | 05/15/09 02:05 / ts |
| Vanadium | ND | mg/L | , | 0.1 | | | |
| Zinc | ND | mg/L | | 0.01 | | E200.8 E200.8 | 05/15/09 02:05 / ts 05/15/09 02:05 / ts |
| METALS - TOTAL | | | | | | | |
| ron | ND | mg/L | | 0.03 | | E200.7 | 05/20/09 01:05 / rdw |
| Vanganese | ND | mg/L | D | 0.03 | | LEUV. | 00/20/09 01:09 / IQW |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-011

Client Sample ID: MU-101

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|--------------|-------|------------|----|-------------|-------------|--------------------------|
| RADIONUCLIDES - DISSOLVED | <u> </u> | | | | - | | |
| Gross Alpha | 32.9 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Alpha precision (±) | 2.9 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta | 24.0 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/06/09 00:48 / cgr |
| Radium 226 | 9.3 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 226 precision (±) | 0.64 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 228 | 4.7 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -5.23 | % | | | | Calculation | 06/01/09 09:30 / kbh |
| Anions | 5.38 | meg/L | | | | Calculation | 06/01/09 09:30 / kbh |
| Cations | 4.85 | meq/L | | | | Calculation | 06/01/09 09:30 / kbh |
| Solids, Total Dissolved Calculated | 341 | mg/L | | | | Calculation | 06/01/09 09:30 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 06/01/09 09:30 / kbh |
| - The Anion / Cation balance was confirmed by | re-analysis. | | | | | | 10.11.11.10 00.00 / NDII |



Client:

UR Energy USA Inc.

Project:

Lost Creek

Lab ID:

C09050246-012

Client Sample ID: MO-102

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Amalona | | | | | MCL/ | | |
|--|--------|--------------|------------|--------|------|------------------|--|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 105 | mg/L | | 1 | | A2320 B | 05/14/09 00:53 / lil |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/14/09 00:53 / iji |
| Bicarbonate as HCO3 | 128 | mg/L | | 1 | | A2320 B | 05/14/09 00:53 / ljl |
| Calcium | 75 | mg/L | | 1 | | E200.7 | 05/28/09 23:50 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.7 | 05/23/09 23:50 / Idw 05/23/09 20:12 / Ijl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | • |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 05/14/09 15:18 / Iji |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/28/09 23:50 / rdw |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/13/09 11:29 / eli-k 05/12/09 16:08 / eli-k |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/28/09 23:50 / rdw |
| Silica | 14.2 | mg/L | | 0.2 | | E200.7 | |
| Sodium | 32 | mg/L | | 1 | | E200.7 E200.7 | 05/28/09 23:50 / rdw |
| Sulfate | 181 | mg/L mg/L | | 1 | | | 05/28/09 23:50 / rdw |
| | 101 | шул | | ı | | E300.0 | 05/23/09 20:12 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 577 | umhos/cm | | 1 | | A2510 B | 05/11/09 10:47 / dd |
| pH | 8.00 | s.u. | | 0.01 | | A4500-H B | 05/11/09 10:47 / dd |
| Solids, Total Dissolved TDS @ 180 C | 406 | mg/L | | 10 | | A2540 C | 05/11/09 13:58 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 04:14 / ts |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 05/15/09 04:14 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 23:41 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/28/09 23:50 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/15/09 04:14 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 04:14 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 04:14 / ts |
| ron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 23:41 / rdw |
| _ead | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 04:14 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/12/09 23:41 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 04:14 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 04:14 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 04:14 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 04:14 / ts |
| Jranium | 0.339 | mg/L | | 0.0003 | | E200.8 | 05/15/09 04:14 / ts |
| /anadium | ND | mg/L | ` | 0.1 | | E200.8 | 05/15/09 04:14 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 04:14 / ts |
| METALS - TOTAL | | | | | | | |
| ron | ND | mg/L | | 0.03 | | E200.7 | 05/20/00 01:10 / ***** |
| Manganese | ND | mg/L | D | 0.03 | | | 05/20/09 01:10 / rdw |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ND | mg/⊑ | D | 0.02 | | E200.7 | 05/20/09 01:10 / rdw |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit. D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-012

Client Sample ID: MO-102

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 387 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Alpha precision (±) | 9.4 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Beta | 100 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Beta precision (±) | 2.9 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Radium 226 | 7.7 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 226 precision (±) | 0.58 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 228 | 2.7 | pCi/L | | | | RA-05 | 05/26/09 15:07 / pli |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.40 | % | | | | Calculation | 06/01/09 09:35 / kbh |
| Anions | 6.04 | meq/L | | | | Calculation | 06/01/09 09:35 / kbh |
| Cations | 5.53 | meq/L | | | | Calculation | 06/01/09 09:35 / kbh |
| Solids, Total Dissolved Calculated | 382 | mg/L | | | | Calculation | 06/01/09 09:35 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | - | | | | Calculation | 06/01/09 09:35 / kbh |



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-013

Client Sample ID: MP-102

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------------|----------|------------|--------|-------------|------------------|--|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 111 | mg/L | | 1 | | A2320 B | 05/14/09 01:00 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/14/09 01:00 / Ijl |
| Bicarbonate as HCO3 | 135 | mg/L | | 1 | | A2320 B | 05/14/09 01:00 / Iji |
| Calcium | 60 | mg/L | | 1 | | E200.7 | 05/29/09 00:13 / rdw |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/23/09 20:27 / Iji |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/14/09 15:21 / Iji |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/29/09 00:13 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/13/09 11:30 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/12/09 16:10 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/29/09 00:13 / rdw |
| Silica | 15.0 | mg/L | | 0.2 | | E200.7 | 05/29/09 00:13 / rdw |
| Sodium | 28 | mg/L | | 1 | | E200.7 | 05/29/09 00:13 / rdw |
| Sulfate | 125 | mg/L | | 1 | | E300.0 | 05/23/09 20:27 / Ijl |
| | 123 | mg/L | | ı | | 2300.0 | 05/23/09 20.27 / IJI |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 478 | umhos/cm | | 1 | | A2510 B | 05/11/09 10:49 / dd |
| oH H | 7.97 | s.u. | | 0.01 | | A4500-H B | 05/11/09 10:49 / dd |
| Solids, Total Dissolved TDS @ 180 C | 325 | mg/L | | 10 | | A2540 C | 05/11/09 13:59 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 04:21 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/15/09 04:21 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 23:46 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 00:13 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/15/09 04:21 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 04:21 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 04:21 / ts |
| ron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 23:46 / rdw |
| _ead | ND | mg/L | | 0.001 | | E200.7 | 05/15/09 04:21 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/12/09 23:46 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.7 | 05/15/09 04:21 / ts |
| Molybdenum | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 04:21 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 04:21 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 04:21 / ts 05/15/09 04:21 / ts |
| Jranium | 0.0700 | mg/L | | 0.0003 | | E200.8 | |
| /anadium | 0.0700 ND | mg/L | | 0.0003 | | E200.8 | 05/15/09 04:21 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 E200.8 | 05/15/09 04:21 / ts 05/15/09 04:21 / ts |
| METALS - TOTAL | | | | | | | |
| tou | ND | ma (I | | 0.02 | | F000 7 | 05/00/00 04 45 1 1 |
| | | mg/L | Б | 0.03 | | E200.7 | 05/20/09 01:15 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/20/09 01:15 / re |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-013

Client Sample ID: MP-102

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 521 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Alpha precision (±) | 10.3 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Beta | 170 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Beta precision (±) | 3.6 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Radium 226 | 318 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 226 precision (±) | 3.6 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 228 | 4.5 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| Radium 228 precision (±) | 8.0 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.48 | % | | | | Calculation | 06/01/09 09:35 / kbh |
| Anions | 4.95 | meq/L | | | | Calculation | 06/01/09 09:35 / kbh |
| Cations | 4,53 | meq/L | | | | Calculation | 06/01/09 09:35 / kbh |
| Solids, Total Dissolved Calculated | 308 | mg/L | | | | Calculation | 06/01/09 09:35 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | - | | | | Calculation | 06/01/09 09:35 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-014

Client Sample ID: MU-102

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|----------|----------|------------|--------|-------------|------------------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 100 | mg/L | | 1 | | A2320 B | 05/14/09 01:07 / ljl |
| Carbonate as CO3 | 5 | mg/L | | 1 | | A2320 B | 05/14/09 01:07 / ljl |
| Bicarbonate as HCO3 | 112 | mg/L | | 1 | | A2320 B | 05/14/09 01:07 / Iji |
| Calcium | 50 | mg/L | | 1 | | E200.7 | 05/29/09 00:19 / rdw |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/23/09 20:43 / lil |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/14/09 15:24 / Ijl |
| Magnesium | 1 | mg/L | | 1 | | E200.7 | 05/29/09 00:19 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/13/09 11:32 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/12/09 16:11 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/29/09 00:19 / rdw |
| Silica | 15.9 | mg/L | | 0.2 | | E200.7 | 05/29/09 00:19 / rdw |
| Sodium | 28 | mg/L | | 1 | | E200.7 E200.7 | 05/29/09 00:19 / rdw |
| Sulfate | 26 95 | - | | 1 | | E300.0 | |
| Sunate | 90 | mg/L | | ' | | E300.0 | 05/23/09 20:43 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 404 | umhos/cm | | 1 | | A2510 B | 05/11/09 10:51 / dd |
| рН | 8.63 | s.u. | | 0.01 | | A4500-H B | 05/11/09 10:51 / dd |
| Solids, Total Dissolved TDS @ 180 C | 280 | mg/L | | 10 | | A2540 C | 05/11/09 13:59 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 04:28 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/15/09 04:28 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 23:51 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 00:19 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/15/09 04:28 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 04:28 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 04:28 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 23:51 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 04:28 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/12/09 23:51 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 04:28 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 04:28 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 04:28 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 04:28 / ts |
| Uranium | 0.0095 | mg/L | 1 | 0.0003 | | E200.8 | 05/15/09 04:28 / ts |
| Vanadium | ND | mg/L | · · | 0.1 | | E200.8 | 05/15/09 04:28 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 04:28 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/20/09 01:21 / rdw |
| | ND ND | _ | D | 0.03 | | E200.7 E200.7 | 05/20/09 01:21 / rdw |
| Manganese | ND | mg/L | U | 0.02 | | E200.7 | 00/20/08 01:21 / fdW |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-014

Client Sample ID: MU-102

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 29.2 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Alpha precision (±) | 2.6 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Beta | 15.5 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Radium 226 | 3.7 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 226 precision (±) | 0.41 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 228 | 3.3 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.87 | % | | | | Calculation | 06/01/09 09:36 / kbh |
| Anions | 4.10 | meq/L | | | | Calculation | 06/01/09 09:36 / kbh |
| Cations | 3.87 | meq/L | | | | Calculation | 06/01/09 09:36 / kbh |
| Solids, Total Dissolved Calculated | 261 | mg/L | | | | Calculation | 06/01/09 09:36 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 06/01/09 09:36 / kbh |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-015

Client Sample ID: MP-111

Report Date: 07/02/09

Collection Date: 05/07/09 DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | • | | |
| Alkalinity, Total as CaCO3 | 120 | mg/L | | 1 | | A2320 B | 05/14/09 01:15 / ljl |
| Carbonate as CO3 | 6 | mg/L | | 1 | | A2320 B | 05/14/09 01:15 / Ijl |
| Bicarbonate as HCO3 | 134 | mg/L | | 1 | | A2320 B | 05/14/09 01:15 / ljl |
| Calcium | 56 | mg/L | | 1 | | E200.7 | 05/29/09 00:24 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/23/09 20:58 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/14/09 15:27 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/29/09 00:24 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/13/09 11:33 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/12/09 16:12 / eli-b |
| Potassium | 7 | mg/L | | 1 | | E200.7 | 05/29/09 00:24 / rdw |
| Silica | 13.7 | mg/L | | 0.2 | | E200.7 | 05/29/09 00:24 / rdw |
| Sodium | 35 | mg/L | | 1 | | E200.7 | 05/29/09 00:24 / rdw |
| Sulfate | 132 | mg/L | | 1 | | E300.0 | 05/23/09 20:58 / Ijl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 491 | umhos/cm | | 1 | | A2510 B | 05/11/09 10:53 / dd |
| pΗ | 8.61 | s.u. | | 0.01 | | A4500-H B | 05/11/09 10:53 / dd |
| Solids, Total Dissolved TDS @ 180 C | 340 | mg/L | | 10 | | A2540 C | 05/11/09 14:00 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 04:34 / ts |
| Arsenic | 0.008 | mg/L | | 0.001 | | E200.8 | 05/15/09 04:34 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/12/09 23:57 / rdw |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 00:24 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/15/09 04:34 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 04:34 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 04:34 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/12/09 23:57 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 04:34 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/12/09 23:57 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 04:34 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 04:34 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 04:34 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 04:34 / ts |
| Uranium | 0.297 | mg/L | | 0.0003 | | E200.8 | 05/15/09 04:34 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 04:34 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 04:34 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/20/09 01:26 / rdw |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/19/09 22:33 / ts |
| Thorium 232 | ND | mg/L | | 0.001 | | E200.8 | 05/19/09 22:33 / ts |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-015

Client Sample ID: MP-111

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|--------------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | * | - | | | | | |
| Gross Alpha | 1190 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Alpha precision (±) | 15.6 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Beta | 457 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Beta precision (±) | 5.5 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/06/09 12:57 / cgr |
| Radium 226 | 411 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 226 precision (±) | 4.3 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 06/01/09 14:59 / trs |
| Radium 228 | 5.0 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/26/09 15:07 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -6.40 | % | | | | Calculation | 06/01/09 09:44 / kbh |
| Anions | 5.31 | meq/L | | | | Calculation | 06/01/09 09:44 / kbh |
| Cations | 4.67 | meq/L | | | | Calculation | 06/01/09 09:44 / kbh |
| Solids, Total Dissolved Calculated | 327 | mg/L | | | | Calculation | 06/01/09 09:44 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | _ | | | | Calculation | 06/01/09 09:44 / kbh |

⁻ The Anion / Cation balance was confirmed by re-analysis.

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050246-016

Client Sample ID: M-136

Report Date: 07/02/09

Collection Date: 05/07/09 DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|------------------|------------------------|
| MAJOR IONS | | | - | | | | |
| Alkalinity, Total as CaCO3 | 2 | mg/L | | 1 | | A2320 B | 05/14/09 01:20 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/14/09 01:20 / lji |
| Bicarbonate as HCO3 | 3 | mg/L | | 1 | | A2320 B | 05/14/09 01:20 / ljl |
| Calcium | ND | mg/L | | 1 | | E200.7 | 05/13/09 00:22 / rdw |
| Chloride | ND | mg/L | | 1 | | E300.0 | 05/19/09 21:53 / ljl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 05/14/09 15:39 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 05/13/09 00:22 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/13/09 11:36 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/12/09 16:13 / eli-b |
| Potassium | ND | mg/L | | 1 | | E200.7 | 05/13/09 00:22 / rdw |
| Silica | ND | mg/L | | 0.2 | | E200.7 | 05/29/09 00:30 / rdw |
| Sodium | ND | mg/L | | 1 | | E200.7 | 05/13/09 00:22 / rdw |
| Sulfate | ND | mg/L | | 1 | | E300.0 | 05/19/09 21:53 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 1 | umhos/cm | | 1 | | A2510 B | 05/11/09 10:59 / dd |
| pH | 6.10 | s.u. | | 0.01 | | A4500-H B | 05/11/09 10:59 / dd |
| Solids, Total Dissolved TDS @ 180 C | 11 | mg/L | | 10 | | A2540 C | 05/11/09 14:01 / rp |
| METALS - DISSOLVED | | | | | | | |
| | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 05:01 / ts |
| Aluminum | ND | • | | 0.001 | | E200.8 | 05/15/09 05:01 / ts |
| Arsenic | | mg/L | | 0.1 | | E200.7 | 05/13/09 00:22 / rdw |
| Barium | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 00:30 / rdw |
| Boron | ND | mg/L | | 0.005 | | E200.7 E200.8 | 05/15/09 05:01 / ts |
| Cadmium | ND | mg/L | | | | E200.8 | 05/15/09 05:01 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 05:01 / ts |
| Copper | ND | mg/L | | 0.01 | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/13/09 00:22 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 05:01 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 05/13/09 00:22 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 05:01 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 05:01 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/15/09 05:01 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/15/09 05:01 / ts |
| Uranium | ND | mg/L | | 0.0003 | | E200.8 | 05/15/09 05:01 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/15/09 05:01 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 05/15/09 05:01 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/20/09 01:47 / rdw |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 05/20/09 01:47 / rdw |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

Client Sample ID: M-136

C09050246-016

Report Date: 07/02/09

Collection Date: 05/07/09

DateReceived: 05/08/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers RL | MCL/ QCL | Method | Analysis Date / By |
|---------------------------|---------|-------|---------------|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | |
| Gross Alpha | 0.2 | pCi/L | U | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Alpha MDC | 1.0 | pCi/L | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Beta | -2 | pCi/L | U | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Beta precision (±) | 1.5 | pCi/L | | | E900.0 | 06/06/09 12:57 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | E900.0 | 06/06/09 12:57 / cgr |
| Radium 226 | -0.1 | pCi/L | U | | E903.0 | 06/01/09 16:31 / trs |
| Radium 226 precision (±) | 0.06 | pCi/L | | | E903.0 | 06/01/09 16:31 / trs |
| Radium 226 MDC | 0.16 | pCi/L | | | E903.0 | 06/01/09 16:31 / trs |
| Radium 228 | 0.5 | pCi/L | U | | RA-05 | 05/26/09 15:06 / plj |
| Radium 228 precision (±) | 0.6 | pCi/L | | | RA-05 | 05/26/09 15:06 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | RA-05 | 05/26/09 15:06 / plj |
| DATA QUALITY | | | | | | |
| A/C Balance (± 5) | -93.8 | % | | | Calculation | 06/01/09 09:49 / kbh |
| Anions | 0.0458 | meq/L | | | Calculation | 06/01/09 09:49 / kbh |
| Cations | 0.00147 | meq/L | | | Calculation | 06/01/09 09:49 / kbh |

⁻ The ion balance is not appropriate for near blank results.

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050246

| Analyte | Count Res | ult U | nits | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-------------|----------------|-----------------|--------|------|-----------|---------------|---------|------------|-----------|
| Method: A2320 B | | | | | | | | | Batch | R11815 |
| Sample ID: MBLK | 3 Method B | lank | | | | Run: MANT | ECH_090513A | | 05/13 | /09 17:21 |
| Alkalinity, Total as CaCO3 | | 3 m | g/L | 0.2 | | | | | | |
| Carbonate as CO3 | 1 | ND m | g/L | 1 | | | | | | |
| Bicarbonate as HCO3 | | 4 m | g/L | 1 | | | | | | |
| Sample ID: LCS1 | Laborator | y Control | Sample | | | Run: MANT | ECH_090513A | | 05/13 | /09 17:36 |
| Alkalinity, Total as CaCO3 | 2 | 2 0 5 m | g/L | 5.0 | 101 | 90 | 110 | | | |
| Sample ID: LCS | Laborator | v Control | Sample | | | Run: MANT | ECH_090513A | | 05/13 | /09 17:43 |
| Alkalinity, Total as CaCO3 | | • | g/L | 5.0 | 98 | 90 | 110 | | | |
| Sample ID: C09050246-006AMS | Sample M | latrix Spil | (e | | | Run: MANT | ECH_090513A | | 05/13 | /09 23:38 |
| Alkalinity, Total as CaCO3 | | | g/L | 5.0 | 101 | 80 | 120 | | | |
| Sample ID: C09050246-006AMSI | Sample M | Matrix Spil | ce Duplicate | | | Run: MAN | ECH_090513A | | 05/13 | /09 23:46 |
| Alkalinity, Total as CaCO3 | | • | ıg/L | 5.0 | 104 | 80 | 120 | 1.8 | 20 | |
| Sample ID: C09050246-016AMS | Sample M | Matrix Spil | ке | | | Run: MAN | ECH_090513A | | 05/14 | /09 01:27 |
| Alkalinity, Total as CaCO3 | | | ıg/L | 5.0 | 102 | 80 | 120 | | | |
| Sample ID: C09050246-016AMSI | Sample N | Matrix Spi | ke Duplicate | | | Run: MAN1 | TECH_090513A | | 05/14 | /09 01:3 |
| Alkalinity, Total as CaCO3 | | | ıg/L | 5.0 | 102 | 80 | 120 | 0.3 | 20 | |
| Method: A2510 B | | | <u></u> | | | | Analytica | l Run: | ORION555A | _090511 |
| Sample ID: ICV2_090511_1 | Initial Cal | ibration V | erification Sta | indard | | | | | 05/11 | /09 10:14 |
| Conductivity | | 400 umh | | 1.0 | 99 | 90 | 110 | | | |
| Method: A2510 B | <u></u> | | | | | - | Ba | ch: 090 | 0511_1_PH- | W_555A- |
| Sample ID: MBLK1_090511_1 | Method B | llank | | | | Run: ORIO | N555A_090511A | | 05/11 | /09 10:10 |
| Conductivity | | 0.9 umh | ios/cm | 0.2 | | | | | | |
| Sample ID: C09050246-008ADUF | Sample D | Ouplicate | | | | Run: ORIO | N555A_090511A | | 05/11 | 1/09 10:3 |
| Conductivity | • | 402 umh | ios/cm | 1.0 | | | | 0 | 10 | |



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050246

| Analyte Cou | nt Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|---------------------|---------------------|--------|------|------------|--------------|-----------|------------|----------|
| Method: A2540 C | •• | | | | | E | Batch: 09 | 0511_2_SLE | S-TDS- |
| Sample ID: MBLK1_090511 | Method Blank | | | | Run: BAL-1 | _090511A | | 05/11 | /09 13:5 |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | 6 | | | | | | |
| Sample ID: LCS1_090511 | Laboratory Cor | ntrol Sample | | | Run: BAL-1 | _090511A | | 05/11 | /09 13:5 |
| Solids, Total Dissolved TDS @ 180 C | 1010 | mg/L | 10 | 101 | 90 | 110 | | | |
| Sample ID: C09050246-004AMS | Sample Matrix | Spike | | | Run: BAL-1 | _090511A | | . 05/11 | /09 13:5 |
| Solids; Total Dissolved TDS @ 180 C | 2340 | mg/L | 10 | 101 | 90 | 110 | | | |
| Sample ID: C09050246-004AMSD | Sample Matrix | Spike Duplicate | | | Run: BAL-1 | _090511A | | 05/11 | /09 13:5 |
| Solids, Total Dissolved TDS @ 180 C | 2330 | mg/L | 10 | 100 | 90 | 110 | 0.5 | 10 | |
| Sample ID: C09050246-014AMS | Sample Matrix | Spike | | | Run: BAL-1 | _090511A | | 05/11 | /09 13:5 |
| Solids, Total Dissolved TDS @ 180 C | 2290 | mg/L | 10 | 100 | 90 | 110 | | | |
| Sample ID: C09050246-014AMSD | Sample Matrix | Spike Duplicate | | | Run: BAL-1 | _090511A | | 05/11 | /09 14:0 |
| Solids, Total Dissolved TDS @ 180 C | 2280 | mg/L | 10 | 100 | 90 | 110 | 0.3 | 10 | |
| Method: A4500-F C | | | | | | | | Batch | : R1182 |
| Sample ID: MBLK-1 | Method Blank | | | | Run: MANT | ECH_090514A | | 05/14 | /09 12: |
| Fluoride | ND | mg/L | 0.05 | | | | | | |
| Sample ID: LCS-1 | Laboratory Cor | ntrol Sample | | | Run: MANT | ECH_090514A | | 05/14 | /09 12:4 |
| Fluoride | 0.960 | mg/L | 0.10 | 96 | 90 | 110 | | | |
| Sample ID: C09050246-005AMS | Sample Matrix | Spike | | | Run: MANT | ECH_090514A | | 05/14 | /09 14:4 |
| Fluoride | 1,14 | mg/L | 0.10 | 101 | 80 | 120 | | | |
| Sample ID: C09050246-005AMSD | Sample Matrix | Spike Duplicate | | | Run: MANT | ECH_090514A | | 05/14 | /09 14:4 |
| Fluoride | 1.14 | mg/L | 0.10 | 101 | 80 | 120 | 0 | 10 | |
| Sample ID: C09050246-015AMS | Sample Matrix | Spike | | | Run: MANT | TECH_090514A | i. | 05/14 | /09 15:2 |
| Fluoride | 1.14 | mg/L | 0.10 | 99 | 80 | 120 | | | |
| Sample ID: C09050246-015AMSD | Sample Matrix | Spike Duplicate | | | Run: MAN1 | ECH_090514A | | 05/14 | /09 15:3 |
| Fluoride | 1.14 | mg/L | 0.10 | 99 | 80 | 120 | 0 | 10 | |
| Method: A4500-H B | | | | | | Analyti | cal Run: | ORION555A | _09051 |
| Sample ID: ICV1_090511_1 | Initial Calibration | on Verification Sta | ındard | | | | | 05/11 | /09 10:1 |
| pH | 6.94 | s.u. | 0.010 | 101 | 98 | 102 | | | |
| Method: A4500-H B | - | | | | | 8 | atch: 090 | 0511_1_PH- | |
| Sample ID: C09050246-008ADUP | Sample Duplic | ate | | | Run: ORIO | N555A_090511 | | | /09 10: |
| pH | 8.60 | s.u. | 0.010 | | | | 0.1 | 10 | |

Qualifiers:



UR Energy USA Inc Client:

Report Date: 07/02/09

Project: Lost Creek

Work Order: C09050246

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|---------------|-------------|-----------------|-------|------|------------|------------|-----|----------|-----------------------|
| Method: E200.7 | | | | | | | - | | Batch: | R11807 |
| Sample ID: LRB | <u>7</u> Me | thod Blank | | | | Run: ICP3- | C_090512A | | 05/12 | /09 11:51 |
| Barium | | ND | mg/L | 0.003 | | | | | | |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Iron | | 0.03 | mg/L | 0.01 | | | | | | |
| Magnesium | | 0.2 | mg/L | 0.2 | | | | | | |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Potassium | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: LFB | <u>7</u> Lal | oratory For | tified Blank | | | Run: ICP3- | C_090512A | | 05/12 | /0 9 11:56 |
| Barium | | 0.985 | mg/L | 0.10 | 99 | 85 | 115 | | | |
| Calcium | | 46.7 | mg/L | 0.50 | 93 | 85 | 115 | | | |
| Iron | | 5.00 | mg/L | 0.030 | 100 | 85 | 115 | | | |
| Magnesium | | 47.6 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Manganese | | 4.82 | mg/L | 0.010 | 96 | 85 | 115 | | | |
| Potassium | | 45.6 | mg/L | 0.50 | 91 | 85 | 115 | | | |
| Sodium | | 46.9 | mg/L | 0.50 | 94 | 85 | 115 | | | |
| Sample ID: MB-22307 | <u>7</u> Me | thod Blank | | | | Run: ICP3- | C_090512A | | 05/12 | /09 21:48 |
| Barium | | ND | mg/L | 0.003 | | | | | | |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Iron | | ND | mg/L | 0.01 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Potassium | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: C09050246-001BMS | <u>7</u> Sa | mple Matrix | Spike | | | Run: ICP3- | C_090512A | | 05/12 | /09 22:14 |
| Barium | | 0.433 | mg/L | 0.10 | 81 | 70 | 130 | | | |
| Calcium | | 104 | mg/L | 1.0 | 77 | 70 | 130 | | | |
| Iron | | 0.449 | mg/L | 0.030 | 81 | 70 | 130 | | | |
| Magnesium | | 42.4 | mg/L | 1.0 | 76 | 70 | 130 | | | |
| Manganese | | 0.425 | mg/L | 0.010 | 83 | 70 | 130 | | | |
| Potassium | | 41.5 | mg/L | 1.0 | 78 | 70 | 130 | | | |
| Sodium | | 67.2 | mg/L | 1.0 | 80 | 70 | 130 | | | |
| Sample ID: C09050246-001BMS | D <u>7</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP3- | C_090512A | | 05/12 | /09 22:19 |
| Barium | | 0.418 | mg/L | 0.10 | 78 | 70 | 130 | 3.5 | 20 | |
| Calcium | | 104 | mg/L | 1.0 | 77 | 70 | 130 | 0.1 | 20 | |
| Iron | | 0.430 | mg/L | 0.030 | 77 | 70 | 130 | 4.5 | 20 | |
| Magnesium | | 43.1 | mg/L | 1.0 | 78 | 70 | 130 | 1.7 | 20 | |
| Manganese | | 0.406 | mg/L | 0.010 | 79 | 70 | 130 | 4.6 | 20 | |
| Potassium | | 41.5 | mg/L | 1.0 | 78 | 70 | 130 | 0 | 20 | |
| Sodium | | 67.2 | mg/L | 1.0 | 80 | 70 | 130 | 0 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



UR Energy USA Inc

Report Date: 07/02/09

Project: Lost Creek

Work Order: C09050246

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|---------------|-----------------|-------|------|------------|-------------|-----|----------|-------------------|
| Method: E200.7 | | | | | | , | | | Batch: | R11807 |
| Sample ID: C09050246-011BMS | <u>7</u> Sa | ample Matrix | Spike | | | Run: ICP3- | C_090512A | | 05/12 | /09 23:31 |
| Barium | | 0.451 | mg/L | 0.10 | 82 | 70 | 130 | | | |
| Calcium | | 96.8 | mg/L | 1.0 | 88 | 70 | 130 | | | |
| Iron | | 0.437 | mg/L | 0.030 | 83 | 70 | 130 | | | |
| Magnesium | | 43.1 | mg/L | 1.0 | 81 | 70 | 130 | | | |
| Manganese | | 0.427 | mg/L | 0.010 | 84 | 70 | 130 | | | |
| Potassium | | 49.6 | mg/L | 1.0 | 82 | 70 | 130 | | | |
| Sodium | | 67.6 | mg/L | 1.0 | 86 | 70 | 130 | | | |
| Sample ID: C09050246-011BMSI |) <u>7</u> Sa | ample Matrix | Spike Duplicate | | | Run: ICP3- | C_090512A | | 05/12 | /09 23:36 |
| Barium | | 0.446 | mg/L | 0.10 | 81 | 70 | 130 | 1.1 | 20 | |
| Calcium | | 96.4 | mg/L | 1.0 | 87 | 70 | 130 | 0.4 | 20 | |
| Iron | | 0.434 | mg/L | 0.030 | 82 | 70 | 130 | 0.7 | 20 | |
| Magnesium | | 42.4 | mg/L | 1.0 | 80 | 70 | 130 | 1.7 | 20 | |
| Manganese | | 0.422 | mg/L | 0.010 | 83 | 70 | 130 | 1 | 20 | |
| Potassium | | 48.8 | mg/L | 1.0 | 81 | 70 | 130 | 1.6 | 20 | |
| Sodium | | 66.6 | mg/L | 1.0 | 84 | 70 | 130 | 1.5 | 20 | |
| Method: E200.7 | | | | | | | | | Batch: | R11839 |
| Sample ID: LRB | <u>2</u> M | ethod Blank | | | | Run: ICP3- | C_090519A | | 05/19 | /09 14:11 |
| Iron | | 0.02 | mg/L | 0.01 | | | | | | |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Sample ID: LFB | <u>2</u> La | aboratory For | tified Blank | | | Run: ICP3- | C_090519A | | 05/19 | /09 1 4:17 |
| Iron | | 5.30 | mg/L | 0.030 | 106 | 85 | 115 | | | |
| Manganese | | 5.05 | mg/L | 0.010 | 101 | 85 | 115 | | | |
| Sample ID: C09050246-008DMS | <u>2</u> Sa | ample Matrix | Spike | | | Run: ICP3- | C_090519A | | 05/20 | /09 00:45 |
| Iron | | 0.419 | mg/L | 0.030 | 82 | 70 | 130 | | | |
| Manganese | | 0.415 | mg/L | 0.021 | 81 | 70 | 130 | | | |
| Sample ID: C09050246-008DMSI | D <u>2</u> Sa | ample Matrix | Spike Duplicate | | | Run: ICP3- | C_090519A | | 05/20 | /09 00:50 |
| Iron | | 0.407 | mg/L | 0.030 | 80 | 70 | 130 | 2.9 | 20 | |
| Manganese | | 0.396 | mg/L | 0.021 | 78 | 70 | 130 | 4.8 | 20 | |



UR Energy USA Inc

Report Date: 07/02/09 Project: Lost Creek

Work Order: C09050246

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|---------------|--------------|-----------------|-------|------|------------|------------|-----|----------|-----------|
| Method: E200.7 | | | | | | | | | Batch: | R118774 |
| Sample ID: LRB | <u>6</u> Me | thod Blank | | | | Run: ICP3- | C_090528A | | 05/28 | /09 15:24 |
| Boron | | ND | mg/L | 0.02 | | | | | | |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Potassium | | ND | mg/L | 0.03 | | | | | | |
| Silicon | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: LFB | <u>6</u> Lal | boratory For | tified Blank | | | Run: ICP3- | C_090528A | | 05/28 | /09 15:30 |
| Boron | | 1.10 | mg/L | 0.10 | 110 | 85 | 115 | | | |
| Calcium | | 51.7 | mg/L | 0.50 | 103 | 8 5 | 115 | | | |
| Magnesium | | 52.8 | mg/L | 0.50 | 105 | 85 | 115 | | | |
| Potassium | | 51.8 | mg/L | 0.50 | 104 | 85 | 115 | | | |
| Silicon | | 11.1 | mg/L | 0.032 | 111 | 85 | 115 | | | |
| Sodium | | 52.5 | mg/L | 0.50 | 105 | 85 | 115 | | | |
| Sample ID: MB-22307 | <u>6</u> Me | thod Blank | | | | Run: ICP3- | C_090528A | | 05/28 | /09 21:59 |
| Boron | | ND | mg/L | 0.02 | | | | | | |
| Calcium | | 0.4 | mg/L | 0.2 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Potassium | | 0.1 | mg/L | 0.03 | | | | | | |
| Silicon | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | 0.2 | mg/L | 0.1 | | | | | | |
| Sample ID: C09050246-010BMS | <u>6</u> Sa | mple Matrix | Spike | | | Run: ICP3- | C_090528A | | 05/28 | /09 23:34 |
| Boron | | 0.458 | mg/L | 0.10 | 90 | 70 | 130 | | | |
| Calcium | | 117 | mg/L | 1.0 | 72 | 70 | 130 | | | |
| Magnesium | | 43.9 | mg/L | 1.0 | 78 | 70 | 130 | | | |
| Potassium | | 43.7 | mg/L | 1.0 | 81 | 70 | 130 | | | |
| Silicon | | 7.92 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | | 71.0 | mg/L | 1.0 | 79 | 70 | 130 | | | |
| Sample ID: C09050246-010BMS | D <u>6</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP3- | C_090528A | | 05/28 | /09 23:39 |
| Boron | | 0.473 | mg/L | 0.10 | 93 | 70 | 130 | 3.1 | 20 | |
| Calcium | | 116 | mg/L | 1.0 | 70 | 70 | 130 | 1 | 20 | |
| Magnesium | | 43.3 | mg/L | 1.0 | 77 | 70 | 130 | 1.3 | 20 | |
| Potassium | | 44.7 | mg/L | 1.0 | 82 | 70 | 130 | 2.2 | 20 | |
| Silicon | | 7.99 | mg/L | 0.10 | | 70 | 130 | 0.8 | 20 | Α |
| Sodium | | 71.3 | mg/L | 1.0 | 80 | 70 | 130 | 0.4 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050246

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------|------------------|------------|----------------|-----------------|-------|------|-------------|--------------|-----|----------|-----------|
| Method: | E200.7 | | | | | | | | | Batch: | R11897 |
| Sample ID: N | /IB-090602A | | Method Blank | | | | Run: ICP2- | C_090602A | | 06/02 | /09 10:28 |
| Aluminum | | | 0.02 | mg/L | 0.01 | | | _ | | | |
| Sample ID: L | .FB-090602A | 1 | Laboratory For | tified Blank | | | Run: ICP2- | C_090602A | | 06/02 | /09 10:33 |
| Aluminum | | | 0.952 | mg/L | 0.10 | 93 | 85 | 115 | | | |
| Sample ID: N | /IB-22307 | ı | Method Blank | | | | Run: ICP2- | C_090602A | | 06/02 | 09 14:42 |
| Aluminum | | | ND | mg/L | 0.06 | | | | | | |
| Sample ID: C | 09050246-001BMS2 | : ; | Sample Matrix | Spike | | | Run: ICP2- | C_090602A | | 06/02 | 09 14:50 |
| Aluminum | | | 1.84 | mg/L | 0.10 | 90 | 70 | 130 | | | |
| Sample ID: C | 09050246-001BMSD | ; | Sample Matrix | Spike Duplicate | | | Run: ICP2- | C_090602A | | 06/02 | /09 14:54 |
| Aluminum | | | 1.84 | mg/L | 0.10 | 90 | 70 | 130 | 0.2 | 20 | |
| Sample ID: C | 09050246-011BMS2 | : ; | Sample Matrix | Spike | | | Run: ICP2-0 | C_090602A | | 06/02 | 09 16:31 |
| Aluminum | | | 2.14 | mg/L | 0.10 | 102 | 70 | 130 | | | |
| Sample ID: C | 09050246-011BMSD |) ; | Sample Matrix | Spike Duplicate | | | Run: ICP2-0 | C_090602A | | 06/02 | 09 16:35 |
| Aluminum | | | 2.07 | mg/L | 0.10 | 98 | 70 | 130 | 3 | 20 | |
| Method: E | E200.8 | | | | | | | | | Bat | ch: 2232 |
| Sample ID: N | /IB-22324 | 2 1 | Method Blank | | | | Run: ICPMS | 64-C_090604A | | 06/04/ | 09 12:27 |
| Iron | | | 0.002 | mg/L | 0.002 | | | | | | |
| Manganese | | | 0.0001 | mg/L | 4E-05 | | | | | | |
| Sample ID: L | .CS3-22324 | <u>2</u> I | Laboratory Cor | ntrol Sample | | | Run: ICPMS | 64-C_090604A | | 06/04/ | 09 12:34 |
| Iron | | | 2.46 | mg/L | 0.030 | 98 | 85 | 115 | | | |
| Manganese | | | 2.58 | mg/L | 0.010 | 103 | 85 | 115 | | | |
| Sample ID: C | 09040648-002BMS3 | <u>2</u> : | Sample Matrix | Spike | | | Run: ICPMS | S4-C_090604A | | 06/04/ | 09 13:30 |
| Iron | | | 2.58 | mg/L | 0.030 | 100 | 70 | 130 | | | |
| Manganese | | | 2.64 | mg/L | 0.010 | 105 | 70 | 130 | | | |
| Sample ID: C | 09040648-002BMSD | 2 : | Sample Matrix | Spike Duplicate | | | Run: ICPMS | S4-C_090604A | | 06/04/ | 09 13:37 |
| Iron | | | 2.61 | mg/L | 0.030 | 101 | 70 | 130 | 1.1 | 20 | |
| Manganese | | | 2.67 | mg/L | 0.010 | 106 | 70 | 130 | 1.3 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050246

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLImit | Qual |
|---------------------|---------------|-------------|--------------|---------|------|------------|---------------------------------------|-----|----------|-----------|
| Method: E200.8 | | | | | | | · · · · · · · · · · · · · · · · · · · | | Batch: | R118149 |
| Sample ID: LRB | <u>13</u> Me | thod Blank | | | | Run: ICPM | S2-C_090513A | | 05/14/ | /09 18:24 |
| Aluminum | | ND | mg/L | 0.002 | | | _ | | | |
| Arsenic | | ND | mg/L | 0.0003 | | | | | | |
| Cadmium | | ND | mg/L | 6E-05 | | | | | | |
| Chromium | | ND | mg/L | 8E-05 | | | | | | |
| Copper | | ND | mg/L | 4E-05 | | | | | | |
| Lead | | ND | mg/L | 2E-05 | | | | | | |
| Mercury | | ND | mg/L | 4E-05 | | | | | | |
| Molybdenum | | ND | mg/L | 4E-05 | | | | | | |
| Nickel | | ND | mg/L | 9E-05 | | | | | | |
| Selenium | | ND | mg/L | 0.001 | | | | | | |
| Uranium | | ND | mg/L | 8E-06 | | | | | | |
| Vanadium | | ND | mg/L | 9E-05 | | | | | | |
| Zinc | | 0.001 | mg/L | 6E-05 | | | | | | |
| Sample ID: LFB | <u>13</u> Lat | oratory For | tified Blank | | | Run: ICPMS | S2-C_090513A | | 05/14/ | 09 18:31 |
| Aluminum | | 0.0498 | mg/L | 0.0022 | 100 | 85 | 115 | | | |
| Arsenic | | 0.0501 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Cadmium | | 0.0501 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Chromium | | 0.0496 | mg/L | 0.0010 | 99 | 85 | 115 | | | |
| Copper | | 0.0506 | mg/L | 0.0010 | 101 | 85 | 115 | | | |
| Lead | | 0.0502 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Mercury | | 0.00498 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Molybdenum | | 0.0506 | mg/L | 0.0010 | 101 | 85 | 115 | | | |
| Nickel | | 0.0500 | mg/L | 0.0010 | 100 | 85 | 1 1 5 | | | |
| Selenium | | 0.0501 | mg/L | 0.0014 | 100 | 85 | 115 | | | |
| Uranium | | 0.0487 | mg/L | 0.00030 | 97 | 85 | 115 | | | |
| Vanadium | | 0.0498 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Zinc | | 0.0530 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Sample ID: MB-22307 | <u>13</u> Me | thod Blank | | | | Run: ICPMS | S2-C_090513A | | 05/15/ | 09 00:10 |
| Aluminum | | 0.001 | mg/L | 0.0001 | | | | | | |
| Arsenic | | ND | mg/L | 6E-05 | | | | | | |
| Cadmium | | ND | mg/L | 1E-05 | | | | | | |
| Chromium | | ND | mg/L | 4E-05 | | | | | | |
| Copper | | ND | mg/L | 7E-05 | | | | | | |
| Lead | | ND | mg/L | 3E-05 | | | | | | |
| Mercury | | ND | mg/L | 8E-05 | | | | | | |
| Molybdenum | | ND | mg/L | 5E-05 | | | | | | |
| Nickel | | ND | mg/L | 0.0007 | | | | | | |
| Selenium | | ND | mg/L | 0.0002 | | | | | | |
| Uranium | | ND | mg/L | 1E-05 | | | | | | |
| Vanadium | | ND | mg/L | 3E-05 | | | | | | |
| Zinc | | 0.002 | mg/L | 0.0003 | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



lient: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050246

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|-------------|--------------|---------|------------|------------|--------------|-----|----------|----------|
| Method: E200.8 | | | | | | | | | Batch: | R118149 |
| Sample ID: C09050246-005BMS4 | <u>13</u> Sar | nple Matrix | Spike | | | Run: ICPMS | S2-C_090513A | | 05/15/ | 09 01:17 |
| Aluminum | | 0.0725 | mg/L | 0.0010 | 100 | 70 | 130 | | | |
| Arsenic | | 0.0697 | mg/L | 0.0010 | 102 | 70 | 130 | | | |
| Cadmium | | 0.0506 | mg/L | 0.010 | 101 | 70 | 130 | | | |
| Chromium | | 0.0473 | mg/L | 0.0010 | 95 | 70 | 130 | | | |
| Copper | | 0.0504 | mg/L | 0.010 | 100 | 70 | 130 | | | |
| Lead | | 0.0501 | mg/L | 0.050 | 100 | 70 | 130 | | | |
| Mercury | | 0.00507 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Molybdenum | | 0.0522 | mg/L | 0.0010 | 102 | 70 | 130 | | | |
| Nickel | | 0.0497 | mg/L | 0.0010 | 98 | 70 | 130 | | | |
| Selenium | | 0.0577 | mg/L | 0.0010 | 102 | 70 | 130 | | | |
| Uranium | | 0.502 | mg/L | 0.00030 | | 70 | 130 | | | Α |
| √anadium | | 0.0515 | mg/L | 0.0010 | 98 | 70 | 130 | | | |
| Zinc | | 0.0603 | mg/L | 0.010 | 107 | 70 | 130 | | | |
| ample ID: C09050246-005BMSD | 13 San | nple Matrix | Spike Duplic | cate | | Run: ICPMS | S2-C_090513A | | 05/15/ | 09 01:24 |
| Aluminum | | 0.0755 | mg/L | 0.0010 | 106 | 70 | 130 | 4 | 20 | |
| Arsenic | | 0.0708 | mg/L | 0.0010 | 104 | 70 | 130 | 1.6 | 20 | |
| Cadmium | | 0.0505 | mg/L | 0.010 | 101 | 70 | 130 | 0.2 | 20 | |
| Chromium | | 0.0472 | mg/L | 0.0010 | 94 | 70 | 130 | 0.4 | 20 | |
| Copper | | 0.0501 | mg/L | 0.010 | 99 | 70 | 130 | 0.7 | 20 | |
| _ead | | 0.0503 | mg/L | 0.050 | 100 | 70 | 130 | 0.4 | 20 | |
| Mercury | | 0.00511 | mg/L | 0.0010 | 102 | 70 | 130 | 0.7 | 20 | |
| Molybdenum | | 0.0524 | mg/L | 0.0010 | 102 | 70 | 130 | 0.3 | 20 | |
| Nickel | | 0.0500 | mg/L | 0.0010 | 98 | 70 | 130 | 0.6 | 20 | |
| Selenium | | 0.0582 | mg/L | 0.0010 | 103 | 70 | 130 | 1 | 20 | |
| Jranium | | 0.501 | mg/L | 0.00030 | | 70 | 130 | 0.2 | 20 | Α |
| /anadium | | 0.0513 | mg/L | 0.0010 | 97 | 70 | 130 | 0.4 | 20 | |
| Zinc | | 0.0586 | mg/L | 0.010 | 104 | 70 | 130 | 3 | 20 | |
| ample ID: C09050246-015BMS4 | <u>13</u> San | nple Matrix | Spike | | | Run: ICPMS | 2-C_090513A | | 05/15/ | 09 04:41 |
| Aluminum | | 0.0535 | mg/L | 0.0010 | 76 | 70 | 130 | | | |
| Arsenic | | 0.0575 | mg/L | 0.0010 | 100 | 70 | 130 | | | |
| Cadmium | | 0.0501 | mg/L | 0.010 | 100 | 70 | 130 | | | |
| Chromium | | 0.0472 | mg/L | 0.0010 | 94 | 70 | 130 | | | |
| Copper | | 0.0478 | mg/L | 0.010 | 95 | 70 | 130 | | | |
| _ead | | 0.0495 | mg/L | 0.0010 | 99 | 70 | 130 | | | |
| Mercury | | 0.00508 | mg/L | 0.0010 | 102 | 70 | 130 | | | |
| Molybdenum | | 0.0522 | mg/L | 0.0010 | 102 | 70 | 130 | | | |
| Nickel | | 0.0482 | mg/L | 0.0010 | 95 | 70 | 130 | | | |
| Selenium | | 0.0499 | mg/L | 0.0010 | 98 | 70 | 130 | | | |
| Jranium | | 0.344 | mg/L | 0.00030 | | 70 | 130 | | | Α |
| /anadium | | 0.0488 | mg/L | 0.0010 | 98 | 70 | 130 | | | |
| Zinc | | 0.112 | mg/L | 0.010 | <u>213</u> | 70 | 130 | | | S |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050246

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLImit | Qual |
|------------------------------|----------------|--------------|---------------|---------|-------------|------------|--------------|-----------|----------|---------------|
| Method: E200.8 | • | | | | | | | - | Batch: | R11814 |
| Sample ID: C09050246-015BMSI | D <u>13</u> Sa | ample Matrix | Spike Duplica | ate | | Run: ICPMS | S2-C_090513A | | 05/15/ | 09 04:48 |
| Aluminum | | 0.0642 | mg/L | 0.0010 | 97 | 70 | 130 | 18 | 20 | |
| Arsenic | | 0.0573 | mg/L | 0.0010 | 99 | 70 | 130 | 0.4 | 20 | |
| Cadmium | | 0.0501 | mg/L | 0.010 | 100 | 70 | 130 | 0.1 | 20 | |
| Chromium | | 0.0481 | mg/L | 0.0010 | 96 | 70 | 130 | 1.8 | 20 | |
| Copper | | 0.0481 | mg/L | 0.010 | 96 | 70 | 130 | 0.6 | 20 | |
| Lead | | 0.0494 | mg/L | 0.0010 | 99 | 70 | 130 | 0.1 | 20 | |
| Mercury | | 0.00506 | mg/L | 0.0010 | 101 | 70 | 130 | 0.4 | 20 | |
| Molybdenum | | 0.0520 | mg/L | 0.0010 | 102 | 70 | 130 | 0.4 | 20 | |
| Nickel | | 0.0482 | mg/L | 0.0010 | 95 | 70 | 130 | 0.1 | 20 | |
| Selenium | | 0.0508 | mg/L | 0.0010 | 100 | 70 | 130 | 1.7 | 20 | |
| Uranium | | 0.347 | mg/L | 0.00030 | | 70 | 130 | 0.8 | 20 | Α |
| Vanadium | | 0.0493 | mg/L | 0.0010 | 99 | 70 | 130 | 1 | 20 | |
| Zinc | | 0.0531 | mg/L | 0.010 | 94 | 70 | 130 | <u>72</u> | 20 | R |
| Method: E200.8 | | | | | | | | | Batch: | R118392 |
| Sample ID: LRB | <u>2</u> M∈ | thod Blank | | | | Run: ICPMS | 2-C_090519A | | 05/19/ | 09 11:56 |
| Manganese | | ND | mg/L | 5E-05 | | | _ | | , | |
| Thorium 232 | | 0.0002 | mg/L | 3E-05 | | | | | | |
| Sample ID: LFB | <u>2</u> Lal | boratory For | tified Blank | | | Run: ICPMS | 2-C_090519A | | 05/19/ | 09 12:03 |
| Manganese | | 0.0487 | mg/L | 0.0010 | 97 | 85 | 115 | | | |
| Thorium 232 | | 0.0486 | mg/L | 0.0010 | 97 | 85 | 115 | | | |
| Sample ID: C09050246-015DMS4 | <u>2</u> Sa | mple Matrix | Spike | | | Run: ICPMS | 2-C_090519A | | 05/19/0 | 09 22:40 |
| Manganese | | 0.0478 | mg/L | 0.010 | 91 | 70 | 130 | | | |
| Thorium 232 | | 0.0472 | mg/L | 0.0010 | 94 | 70 | 130 | | | |
| Sample ID: C09050246-015DMSD | 2 Sa | mple Matrix | Spike Duplica | te | | Run: ICPMS | 2-C_090519A | | 05/19/0 | 09 22:47 |
| Manganese | | 0.0478 | mg/L | 0.010 | 91 | 70 | 130 | 0.1 | 20 | · · · |
| Thorium 232 | | 0.0478 | mg/L | 0.0010 | 96 | 70 | 130 | 1,2 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

R - RPD exceeds advisory limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc.

Project: Lost Creek

Report Date: 07/02/09 Work Order: C09050246

Analyte Count Result Units RL %REC Low Limit High Limit RPD RPDLimit Qual Method: E300.0 Batch: R118395 Sample ID: LCS 2 Laboratory Control Sample Run: IC1-C_090518A 05/18/09 12:30 Chloride 9.75 mg/L 1.0 98 90 110 Sulfate 38.9 mg/L 1.0 97 90 110 Sample ID: MBLK 2 Method Blank Run: IC1-C_090518A 05/18/09 12:45 Chloride ND 0.04 mg/L Sulfate ND mg/L 0.1 Sample ID: C09050244-001AMS 2 Sample Matrix Spike Run: IC1-C_090518A 05/19/09 15:59 Chloride 26.6 mg/L 1.0 104 90 110 Sulfate 263 mg/L 1.0 95 90 110 Sample ID: C09050244-001AMSD 2 Sample Matrix Spike Duplicate Run: IC1-C_090518A 05/19/09 16:14 Chloride 26.1 mg/L 1.0 102 90 110 1.9 20 Sulfate 258 mg/L 1.0 88 90 110 1.9 20 S Sample ID: C09050246-009AMS 2 Sample Matrix Spike Run: IC1-C_090518A 05/19/09 19:50 Chloride 27.5 mg/L 1.0 103 90 110 Sulfate 275 mg/L, 1.0 90 97 110 Sample ID: C09050246-009AMSD 2 Sample Matrix Spike Duplicate Run: IC1-C_090518A 05/19/09 20:05 Chloride 27.5 mg/L 1.0 103 90 110 0.1 20 Sulfate 272 mg/L 1.0 95 90 110 0.8 20 Sample ID: C09050251-003BMS 2 Sample Matrix Spike Run: IC1-C 090518A 05/19/09 23:26 Chloride 23.8 mg/L 1.0 100 90 110 Sulfate 186 mg/L 1.0 99 90 110 Sample ID: C09050251-003BMSD Sample Matrix Spike Duplicate Run: IC1-C_090518A 05/19/09 23:41 Chloride 24.2 mg/L 1.0 102 90 110 1.7 20 Sulfate 187 mg/L 1.0 99 90 110 0.1 20

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

S - Spike recovery outside of advisory limits.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050246

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|----------------------|-------------------|------------|-------------------|-----------------|----------|-----------|-------------|----------------|---------------|--------------|----------|
| Method: | E300.0 | | | | | | <u> </u> | | | Batch: | R11866 |
| Sample ID: | LCS | <u>2</u> I | Laboratory Co | ntrol Sample | | | Run: IC1-C | _090523A | | 05/23/ | 09 14:1 |
| Chloride | | | 9.82 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Sulfate | | | 39.2 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Sample ID: | MBLK | <u>2</u> 1 | Method Blank | | | | Run: IC1-C | _090523A | | 05/23/ | 09 14:3 |
| Chloride | | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | | ND | mg/L | 0.1 | | | | | | |
| Sample ID; | C09050144-004AMS | <u>2</u> 5 | Sample Matrix | Spike | | | Run: IC1-C_ | 090523A | | 05/23/ | 09 15:19 |
| Chloride | | | 25.4 | mg/L | 1.0 | 103 | 90 | 110 | | | |
| Sulfate | | | 230 | mg/L | 1.0 | 99 | 90 | 110 | | | |
| | C09050144-004AMSD | 2 8 | Sample Matrix | Spike Duplica | te | | Run: IC1-C_ | 090523A | | 05/23/ | 09 15:35 |
| Chlorid e | | | 25.5 | mg/L | 1.0 | 103 | 90 | 110 | 0.2 | 20 | |
| Sulfate | | | 230 | mg/L | 1.0 | 98 | 90 | 110 | 0.2 | 20 | |
| - | C09050246-008AMS | <u>2</u> 8 | Sample Matrix | Spike | | | Run: IC1-C_ | 090523A | | 05/23/ | 09 18:55 |
| Chloride | | | 24.5 | mg/L | 1.0 | 103 | 90 | 110 | | | |
| Sulfate | | | 180 | mg/L | 1.0 | 103 | 90 | 110 | | | |
| | 09050246-008AMSD | <u>2</u> S | Sample Matrix | Spike Duplicat | e | | Run: IC1-C_ | 090523A | | 05/23/0 | 09 19:10 |
| Chloride | | | 24.4 | mg/L | 1.0 | 103 | 90 | 110 | 0.2 | 20 | |
| Sulfate | | | 181 | mg/L | 1.0 | 103 | 90 | 110 | 0.2 | 20 | |
| Method: | E350.1 | | | | | | | | Analytica | al Run: SUB- | B129359 |
| ample ID: I | cv | Ir | nitial Calibratio | n Verification | Standard | | | | | 05/13/0 | 09 09:42 |
| Nitrogen, Am | monia as N | | 5.65 | mg/L | 0.11 | 103 | 90 | 110 | | | |
| Wethod: | E350.1 | | | | | | | _ . | _ | Batch: B_ | R129359 |
| ample ID: 1 | /IBLK | M | lethod Blank | | | | Run: SUB-B | 129359 | | | 9 09:43 |
| Nitrogen, Am | monia as N | | ND | mg/L | 0.02 | | | | | | |
| ample ID: L | .FB | L | aboratory Fort | ified Blank | | | Run: SUB-B | 129359 | | 05/13/0 | 9 09:44 |
| Nitrogen, Am | monia as N | | 1.00 | mg/L | 0.10 | 101 | 90 | 110 | | | |
| ample ID: C | 09050246-008E | s | ample Matrix | Spike | | | Run: SUB-B | 129359 | | 05/13/0 | 9 11:23 |
| Nitrogen, Am | monia as N | | 0.796 | mg/L | 0.050 | <u>78</u> | 90 | 110 | | | S |
| ample ID: C | 09050246-008E | s | ample Matrix : | Spike Duplicate | Э | | Run; SUB-B | 129359 | | 05/13/0 | 9 11:24 |
| Nitrogen, Am | monia as N | | 0.793 | mg/L | 0.050 | <u>77</u> | 90 | 110 | 0.4 | 10 | S |
| ample ID: C | 09050246-016E | S | ample Matrix (| Spike | | | Run: SUB-B1 | 129359 | | 05/13/0 | 9 11:37 |
| Nitrogen, Am | monia as N | | 0.561 | mg/L | 0.050 | <u>56</u> | 90 | 110 | | 367,074 | S |
| ample ID: C | 09050246-016E | S | ample Matrix \$ | Spike Duplicate | • | 1 | Run: SUB-B1 | 29359 | | 05/13/0 | 9 11:39 |
| | monia as N | | | • | | | | | | 20, 10,0 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050246

| Analyte | Count Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------------------------|---------------------|-----------------|----------|------|------------|------------|----------|-------------|----------------|
| Method: E353.2 | | | | • | · | | Analytic | al Run: SUB | -B12930 |
| Sample ID: ICV | Initial Calibration | on Verification | Standard | | | | _ | 05/12 | /09 12:06 |
| Nitrogen, Nitrate+Nitrite as N | 37.4 | mg/L | 0.050 | 106 | 90 | 110 | | 00, 12, | 12.00 |
| Method: E353.2 | | | ····· | | · | | | Batch: B | R129300 |
| Sample ID: MBLK | Method Blank | | | | Run: SUB-E | 3129300 | | | - /09 12:08 |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | 0.002 | | | | | 00/12/ | 00 12.00 |
| Sample ID: LFB | Laboratory For | tified Blank | | | Run: SUB-E | 3129300 | | 05/12/ | 09 12:09 |
| Nitrogen, Nitrate+Nitrite as N | 1.06 | mg/L | 0.050 | 108 | 90 | 110 | | 00/12/ | 00 12.00 |
| Sample ID: B09051016-001GMS | Sample Matrix | Spike | | | Run: SUB-B | 3129300 | | 05/12/ | 09 15:45 |
| Nitrogen, Nitrate+Nitrite as N | 1.01 | mg/L | 0.050 | 103 | 90 | 110 | | | |
| Sample ID: B09051016-001GMSD | Sample Matrix | Spike Duplicat | e | | Run: SUB-B | 3129300 | | 05/12/ | 09 15:46 |
| Nitrogen, Nitrate+Nitrite as N | 1.04 | mg/L | 0.050 | 106 | 90 | 110 | 3 | 10 | |
| Sample ID: C09050246-008E | Sample Matrix | Spike | | | Run: SUB-B | 129300 | | 05/12/ | 09 16:01 |
| Nitrogen, Nitrate+Nitrite as N | 1.01 | mg/L | 0.050 | 103 | 90 | 110 | | | |
| Sample ID: C09050246-008E | Sample Matrix | Spike Duplicate | 8 | | Run: SUB-B | 129300 | | 05/12/ | 09 16:02 |
| Nitrogen, Nitrate+Nitrite as N | 1.01 | mg/L | 0.050 | 103 | 90 | 110 | 0.4 | 10 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050246

| Analyte | Count Result | Units | RL %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|----------------------------|---------------------------------------|-------------------|---------------|--------------------|------------|-----------------|----------------------|
| Method: E900.0 | | · · · · · · · · · · · · · · · · · · · | - | | | <u>-</u> | Batch: G | rAB-0662 |
| Sample ID: MB-GrAB-0662 | 6 Method Blank | | | Run: G5000 | W 090601B | | 06/04/ | 09 02:05 |
| Gross Alpha | -0.1 | pCi/L | | | - | | | U |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | | | | - |
| Gross Alpha MDC | 0.6 | pCi/L | | | | | | |
| Gross Beta | -1 | pCi/L | | | | | | U |
| Gross Beta precision (±) | 1 | pCi/L | | | | | | _ |
| Gross Beta MDC | 2 | pCi/L | | | | | | |
| Sample ID: UNAT-GrAB-0662 | Laboratory Cor | trol Sample | | Run: G5000 | W 090601B | | 06/04/ | 09 02:05 |
| Gross Alpha | 140 | pCi/L | 103 | | 130 | | 00/0 !! | 00 02.00 |
| Sample ID: Cs137-GrAB-0662 | Laboratory Con | trol Sample | | Run: G5000 | W_090601B | | 06/04/ | 09 02:05 |
| Gross Beta | 88 | pCi/L | 97 | 70 | 130 | | 00/0-1/ | 00 02.00 |
| Sample ID: C09050587-004AMS | Sample Matrix | Spike | | Run: G5000 | W_090601B | | 06/05/ | 09 04:41 |
| Gross Alpha | 185 | pCi/L | 131 | 70 | 130 | | 50,00 | S |
| Spike response is outside of the accematrix related. The batch is approved. | eptance range for this ana | llysis. Since the LCS a | nd the RPD for th | e MS MSD pair | are acceptable, th | ne respons | e is considered | |
| Sample ID: C09050587-004AMSD | Sample Matrix | Spike Duplicate | | Run: G5000 | W_090601B | | 06/05/ | 09 04:41 |
| Gross Alpha | 224 | pCi/L | <u>159</u> | 70 | 130 | 19 | 20 | S S |
| Sample ID: C09050587-004AMS | Sample Matrix | Spike | | Run: G5000 | W 090601B | | 06/05/ | 09 04:41 |
| Gross Beta | 103 | pCi/L | 101 | 70 | 130 | | 00/05/1 | J J 04.41 |
| Sample ID: C09050587-004AMSD | Sample Matrix : | Spike Duplicate | | Run: G5000 | W 090601B | | 06/05/ | 09 04:41 |
| Gross Beta | 102 | pCi/L | 100 | 70 | 130 | 0.9 | 15.8 | 20 04,41 |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050246

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|-------------|----------------|-------------------------|------------|-----------|-------------|-------------------|-------------|-----------------|---|
| Method: E900.0 | | | | | | · += + | · · | | Batch: G | rAB-0663 |
| Sample ID: MB-GrAB-0663 | <u>6</u> Me | thod Blank | | | | Run: G5000 | W_090602A | | 06/06 | 09 00:48 |
| Gross Alpha | | -0.5 | pCi/L | | | | | | 557557 | U |
| Gross Alpha precision (±) | | 0.5 | pCi/L | | | | | | | Ŭ |
| Gross Alpha MDC | | 0.6 | pCi/L | | | | | | | |
| Gross Beta | | -0.8 | pCi/L | | | | | | | u |
| Gross Beta precision (±) | | 2 | pCi/L | | | | | | | - |
| Gross Beta MDC | | 2 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0663 | Lat | oratory Co | ntrol Sample | | | Run: G5000 | W_090602A | | 06/06/ | 09 00:48 |
| Gross Alpha | | 140 | pCi/L | | 99 | 70 | 130 | | | |
| Sample ID: Cs137-GrAB-0663 | Lab | oratory Co | ntrol Sample | | | Run: G5000 | W_090602A | | 06/06/ | 09 00:48 |
| Gross Beta | | 93 | pCi/L | | 102 | 70 | 130 | | | |
| Sample ID: C09050246-008CDUP | 6 Sar | nple Duplic | cate | | | Run: G5000 | W_090602A | | 06/06/ | 09 00:48 |
| Gross Alpha | | 145 | pCi/L | | | | _ | 13 | 17 | |
| Gross Alpha precision (±) | | 5.30p | Ci/L | | | | | | | |
| Gross Alpha MDC | | 1.6 4 p | Ci/L | | | | | | | |
| Gross Beta | | 50.5pt | Ci/L | | | | | 12 | 18.9 | |
| Gross Beta precision (±) | | 2.35p | Ci/L | | | | | | | |
| Gross Beta MDC | | 2.67p | Ci/L | | | | | | | |
| Sample ID: C09050587-007AMS | Sar | nple Matrix | Spike | | | Run: G5000 | W_090602A | | 06/06/0 | 09 12:57 |
| Gross Alpha | | 406 | pCi/L | | 146 | 70 | 130 | | | s |
| Spike response is outside of the accep matrix related. The batch is approved. | tance rang | ge for this an | alysis. Since the LCS a | and the RF | D for the | MS MSD pair | are acceptable, t | he response | e is considered | to be |
| Sample ID: C09050587-007AMSD | San | nple Matrix | Spike Duplicate | | | Run: G5000 | W 090602A | | 08/08/ | 9 12:57 |
| Gross Alpha | | 355 | pCi/L | | 127 | 70 | 130 | 13 | 17.7 | , , <u>, , , , , , , , , , , , , , , , , </u> |
| Sample ID: C09050587-007AMS | San | nple Matrix | Spike | | | Run: G5000\ | W 090602A | | 06/06/0 | 9 12:57 |
| Gross Beta | | 167 | pCi/L | | 90 | 70 | 130 | | 30,001 | J. IL.UI |
| Sample ID: C09050587-007AMSD | San | nple Matrix | Spike Duplicate | | | Run: G5000\ | W 090602A | | 06/06/0 | 9 12:57 |
| Gross Beta | | 181 | pCi/L | | 97 | 70 | 130 | 7.9 | 16.5 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050246

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--|-------------------|-----------------|-----------------------|------------|-------------|-------------|---------------------|---------|----------------|---|
| Method: E900.0 | | | | | | | · | _ | Batch: C | GrAB-067 |
| Sample ID: MB-GrAB-0676 | <u>6</u> M∈ | thod Blank | | | | Run: TENN | ELEC-3_090617/ | 4 | 06/20 | /09 01:04 |
| Gross Alpha | | 2 | pCi/L | | | | _ | | | , |
| Gross Alpha precision (±) | | 0.7 | pCi/L | | | | | | | |
| Gross Alpha MDC | | 0.6 | pCi/L | | | | | | | |
| Gross Beta | | -2 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | | 2 | pCi/L | | | | | | | |
| Gross Beta MDC | | 2 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0676 | Lat | ooratory Co | ntrol Sample | | | Run: TENNI | ELEC-3_090617# | ١ | 06/20 | /09 01:04 |
| Gross Alpha | | 150 | pCi/L | | 106 | 70 | 130 | | | |
| Sample ID: Cs137-GrAB-0676 | Lak | oratory Co | ntrol Sample | | | Run: TENN | ELEC-3_090617A | | 06/20 | /09 01:04 |
| Gross Beta | | 96 | pCi/L | | 106 | 70 | 130 | | | |
| Sample ID: C09050847-003AMS | Sar | mple Matrix | Spike | | | Run: TENNE | ELEC-3_090617A | | 06/20/ | 09 01:04 |
| Gross Alpha | | 221 | pCi/L | | <u>157</u> | 70 | 130 | | | s |
| Spike response is outside of the accomatrix related. The batch is approved | eptance ran I. | ge for this and | alysis. Since the LCS | and the RI | D for the | MS MSD pair | are acceptable, the | respons | e is considere | d to be |
| Sample ID: C09050847-003AMS | D Sar | mple Matrix | Spike Duplicate | | | Run: TENNE | ELEC-3_090617A | | 06/20/ | 09 01:04 |
| Gross Alpha | | 217 | pCi/L | | <u>155</u> | 70 | 130 | 1.8 | 16.1 | S |
| Sample ID: C09050847-003AMS | Sar | nple Matrix | Spike | | | Run: TENNE | ELEC-3_090617A | i | 06/20/ | 09 01:04 |
| Gross Beta | | 92.3pC | Ci/L | | 85 | 70 | 130 | | , | |
| Sample ID: C09050847-003AMSI | O Sar | mple Matrix | Spike Duplicate | | | Run: TENNE | ELEC-3_090617A | | 06/20/ | 09 13:35 |
| Gross Beta | | 87.3pC | Ci/L | | 79 | 70 | 130 | 5.6 | 16.6 | |
| Method: E903.0 | • | - | | | | | | | Batch: RA | 226-3659 |
| Sample ID: C09050246-001CMS | San | nple Matrix | Spike | | | Run: TENNE | LEC-3_090510C | | 05/27/ | 09 00:37 |
| Radium 226 | | 21 | pCi/L | | 11 1 | 70 | 130 | | | |
| Sample ID: C09050246-001CMSE |) San | nple Matrix | Spike Duplicate | | | Run: TENNE | LEC-3_090510C | | 05/27/ | 09 00:37 |
| Radium 226 | | 17 | pCi/L | | 89 | 70 | 130 | 18 | 22.1 | |
| Sample ID: MB-RA226-3659 | 3 Met | hod Blank | | | | Run: TENNE | LEC-3_090510C | | 05/27/ | 09 00:37 |
| Radium 226 | | 0.2 | pCi/L | | | | | | UUIZII | 33 00.37 |
| Radium 226 precision (±) | | 0.1 | pCi/L | | | | | | | |
| Radium 226 MDC | | 0.1 | pCi/L | | | | | | | |
| ample ID: LCS-RA226-3659 | Lab | oratory Con | trol Sample | | | Run: TENNE | LEC-3_090510C | | 05/27/ | 09 00:37 |
| Radium 226 | | | , | | | | | | 00/2// | 10.UU.DI |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.

Client: UF

UR Energy USA Inc

Project: Lost Creek

Report Date: 07/02/09

Work Order: C09050246

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------|-------------|----------------|-----------------|----|------|---------------|---------------|------------|------------|--------------|
| Method: E903.0 | | | | | | | | | Batch: RA | 226-366 |
| Sample ID: C09050246-009CMS | s | ample Matrix | Spike | | | Run: BERT | HOLD 770-2_ | 090512A | | 09 14:59 |
| Radium 226 | | 18 | pCi/L | | 92 | 70 | 130 | 00001271 | 00/01/ | 00 14.00 |
| Sample ID: C09050246-009CMSD |) s | ample Matrix | Spike Duplicate | | | Run: REDT | HOLD 770-2_0 | 0005104 | 00/04 | 00.44.50 |
| Radium 226 | | 20 | pCi/L | | 104 | 70 | 130 | 12 12 | 23.6 | 09 14:59 |
| Sample ID: MB-RA226-3663 | 3 M | lethod Blank | | | | Pun: REDT | U() D 770 0 / | 0005404 | | |
| Radium 226 | | -0.1 | pCi/L | | | Null. DENT | HOLD 770-2_0 | J9U512A | 06/01/ | 09 16:31 |
| Radium 226 precision (±) | | 0.08p0 | • | | | | | | | U |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | |
| Sample ID: LCS-RA226-3663 | La | aboratory Cor | ntrol Sample | | | Run: RERTA | HOLD 770-2_0 | 100E12A | 00/04/ | 00.40.04 |
| Radium 226 | | 7.9 | pCi/L | | 101 | 70 | 130 | /90312A | 00/01/ | 09 16:31 |
| Method: RA-05 | | · <u>·</u> ·· | | | | | | | | |
| Sample ID: LCS-228-RA226-3659 | 1 : | boratory Cor | atrol Sample | | | Down TENNIS | -1 -0 | | Batch: RA | |
| Radium 228 | | 8.5 | pCi/L | | 100 | | ELEC-3_09051 | 108 | 05/21/0 | 09 12:47 |
| | | | POIL | | 100 | 70 | 130 | | | |
| Sample ID: MB-RA226-3659 | <u>3</u> M | ethod Blank | | | | Run: TENNE | ELEC-3_09051 | 10B | 05/21/0 | 9 12:47 |
| Radium 228 | | -0.2 | pCi/L | | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | |
| ample ID: C09050246-002CMS | Sa | ımple Matrix | Spike | | | Run: TENNE | ELEC-3_09051 | 0B | 05/21/0 | 9 12:47 |
| Radium 228 | | 18 | pCi/L | | 93 | 70 | 130 | | 33.277 | |
| ample ID: C09050246-002CMSD | Sa | ımple Matrix : | Spike Duplicate | | | Run: TENNF | ELEC-3_09051 | ΛR | 05/21/0 | 9 12:47 |
| Radium 228 | | 18 | pCi/L | | 89 | 70 | 130 | 4.1 | 34.4 | 13 12.41 |
| Method: RA-05 | | | | | | | | | Batch: RA2 | 28-2663 |
| ample ID: LCS-228-RA226-3663 | La | boratory Con | trol Sample | | | Run: TENNE | LEC-3_09051 | 2B | | 9 15:06 |
| Radium 228 | | 8.07pC | • | | 93 | 70 | 130 | | 03/20/0 | 9 15.00 |
| ample ID: MB-RA226-3663 | <u>3</u> Me | thod Blank | | | | Run: TENNE | LEC-3_09051 | 20 | 05/06/0 | 0.45.00 |
| Radium 228 | | -0.06 | pCi/L | | , | | | 20 | 03/20/0 | 9 15:06 U |
| Radium 228 precision (±) | | 0.8 | pCi/L | | | | | | | U |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | |
| ample ID: C09050246-016CMS | Sa | mple Matrix S | Spike | | ı | Run: TENNE | LEC-3_09051 | 20 | 05/06/0 | 0.45.07 |
| Radium 228 | | 14.6pCi | • | | 84 | 70 | 130 | | 05/26/0 | 9 15:07 |
| ample ID: C09050246-016CMSD | Sai | mple Matrix S | Spike Duplicate | | ı | Run: TENNE | LEC-3_09051: | 20 | 05/00/0 | 0.45.07 |
| Radium 228 | | 15.3pCi | • | | • | VOIL I EININE | rrc-3_09051; | ∠ D | 05/26/0 | ษ 15:07 |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration

| LABORATORIES Chain of Cus | tody and Analyt | ical Request Reco | ord | - 1 - |
|--|--|--------------------------------------|--------------------------------------|--------------------------------------|
| Company Name: UR Energy | Project Name, PWS, Permit, | | Sample Origin | Page of EPA/State Compliance: |
| Report Mail Address: \$880 Enterprise Dr. Suite Zea | Contact Name: | | State: W4 | Yes No No |
| CITAL LIN ESTAG | 1 | Phone/Fax: | Email: | Sampler: (Please Print) |
| Invoice Address: | Invoice Contact & Phone: | 5-2373 John. Cosh & u | F- exchivities com | |
| | mvoice Contact & Phone: | | Purchase Order: | Quote/Bottle Order: |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: | O DE O P POO | IS REQUESTED | Contact ELI prior | to Shipped by: |
| UR Energy Extel Sheet | Mers Care | | RUSH sample sulfor charges and | bmittal Cooler ID(s): |
| □ DW □ A2LA | Number of Containers Sample Type: A W S V B O Air Water Soils/Soilds Vegetation Bloassay Other | SEE ATTACHED Normal Turnaround (TAT) | scheduling – See Instruction Page | Client |
| GSA EDD/EDT(Electronic Data) POTW/WWTP Format: | on Bick | I AC | Comments: | Receipt Temp |
| State: LEVEL IV | lumb Air W getati | ATT | S | On Ice: Yes No |
| Other: NELAC | Sar | SEE ormal | | Custody Seal Y |
| SAMPLE IDENTIFICATION Collection (Name, Location, Interval, etc.) | MATRIX 3 | | H | Bottles/ Coolers B C |
| MO-103 7/10 (-7-C) | | | | Intact Y N Signature Match Y N |
| 2 MP-103 #61 | w Zgal | | | |
| 3 Mu-103 #62 | -(- } - - | | | |
| Mo-105 #63 | | | | |
| MP-105 # 64 | | | | |
| <u>174-165</u> # 65 | | | | <u>&</u> |
| * KPW-Z # 66 | | | 120000 | ~/ |
| ° M-/35 #47 | | | 09050 | 419 E |
| 10 MO W/ # 68 | | | | |
| Custody Relinquished by (print): Date/Time: | Stekens | | | |
| Record Relinquisited by (print): Date (Time) | Signature. | Required by (print): Date | 7 ime: 8 09 855 (| Signature |
| Signed Sample Disposely Patron to Oliver | - Orginalare. | Date | Time: | Signature: |
| Sample Disposal: Return to Client: | Lab Disposal: | Received by Laboratory: Date | Time: | Signature: |

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.

This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

| ENERGY Ch | ain of | Cus | tody a | nd A | nalyt | ical F | Requ | iest i | Rec | ord | | D. | age <u>2</u> of | |
|--|---|-----|---|------------|----------------|--------|------|--------------------------------------|--------------------------------------|------------------------------------|--|---|-----------------------------|----------------|
| Report Mail Address: SESO Energy See Dr. Social Zee Caster WY 824cg Invoice Address: Special Report/Formats - FI I mus | PLEASE PRINT- Provide as much information as possible Project Name, PWS, Permit, Etc. Cost Cect Contact Name: Phone/Fax: Scha Cash 37-265-2373 Telan. Invoice Contact & Phone: | | | | | | | Sam State | ple Origin i: i: i: nase Order: | Sampler: (Please Quote/Bottle Orde | | Print) | | |
| prior to sample submittal for the following: UR Energy Free Clee + DW | | | Number of Containers Sample Type: AW S V B O Air Water Soils/Soilds X Vegetation Bloassay Other | bridelae 8 | NALYSIS REQUES | | | SEE ATTACHED Normal Turnaround (TAT) | | | Contact ELI prior RUSH sample surfor charges and scheduling – See Instruction Page Comments: | submittal Cooler iD(s): Client Receipt Temp Soc On ice: Yes Ro Custody Seal Y (Bottles/ Coolers B | | °C YN BC |
| Mu-101 # 70 5- 2 Mo-102 #71 3 Mp-102 # 72 4 Mu-102 # 73 5 Mp-111 # 74 6 M-136 # 75 7 | 7-09 | | w zgu/ | | | | | | | | (D905D2 | | Signature Match ATUNIO III | YN |

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.

This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Received by (print):

Received by Laboratory:

Date/Time:

Date/Time:

Signature

Custody

Signed

Relinquished by (print):

Sample Disposal:

Record Refriquished by (print):

MUST be Stove LATTER

Date/Time:

Date/Time:

Sicopin.

Lab Disposal:

5-709

Return to Client:

Energy Laboratories Inc Workorder Receipt Checklist



UR Energy USA Inc

Login completed by: Corinne Wagner Date and Time Received: 5/8/2009 8:55 AM Received by: al Reviewed by: Carrier name: Hand Del Reviewed Date: Not Present |✓ Shipping container/cooler in good condition? Yes 🔲 No 🖂 Not Present ✓ Custody seals intact on shipping container/cooler? Yes 🖂 No □ Not Present 📝 Custody seals intact on sample bottles? Yes M No 🖂 Chain of custody present? Yes 🔽 No 🗌 No 🖂 Chain of custody signed when relinquished and received? Yes ✓ Chain of custody agrees with sample labels? Yes [√] No 🖂 Samples in proper container/bottle? Yes [✓] No 🔲 Sample containers intact? Yes [√] No 🖂 Sufficient sample volume for indicated test? Yes 🔽 No 🗌 No 🗍 All samples received within holding time? Yes 🔽 5°C Container/Temp Blank temperature: No VOA vials submitted [7] Water - VOA vials have zero headspace? Yes [No 🔲 Not Applicable Water - pH acceptable upon receipt? Yes [√] No 🗌

Contact and Corrective Action Comments:

Samples for dissolved metals were subsampled, filtered and preserved with 2 mL HNO3 in lab upon receipt to pH <2.

CLIENT:

UR Energy USA Inc

Date: 02-Jul-09

Project:

Lost Creek

CASE NARRATIVE

Sample Delivery Group: C09050246

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS

Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS

The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505

Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT

eli-g - Energy Laboratories, Inc. - Gillette, WY

eli-h - Energy Laboratories, Inc. - Helena, MT

eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT



ANALYTICAL SUMMARY REPORT

July 06, 2009

UR Energy USA Inc 10758 W Centennial Rd Ste 200 Ken Caryl Ranch, CO 80127

Workorder No.: C09050548

Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

received the following 22 samples for UR Energy USA Inc on 5/19/2009 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test | | |
|---------------------|------------------|----------------|--------------|---------|--|--|--|
| C09050548-001 M-101 | | 05/18/09 00:00 | 05/19/09 | Aqueous | Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved | | |
| C09050548-0 | 02 M-102 | 05/18/09 00:00 | 05/19/09 | Aqueous | Same As Above | | |
| C09050548-0 | 03 M-103 | 05/18/09 00:00 | 05/19/09 | Aqueous | Same As Above | | |
| C09050548-0 | 04 M-104 | 05/18/09 00:00 | 05/19/09 | Aqueous | Same As Above | | |
| C09050548-0 | 05 M-105 | 05/18/09 00:00 | 05/19/09 | Aqueous | Same As Above | | |
| C09050548-0 | 06 M-106 | 05/18/09 00:00 | 05/19/09 | Aqueous | Same As Above | | |
| C09050548-0 | 07 M-107 | 05/18/09 00:00 | 05/19/09 | Aqueous | Same As Above | | |
| C09050548-0 | 08 M-108 | 05/18/09 00:00 | 05/19/09 | Aqueous | Same As Above | | |
| C09050548-0 | 09 M-109 | 05/18/09 00:00 | 05/19/09 | Aqueous | Same As Above | | |
| C09050548-0 | 10 M-110 | 05/18/09 00:00 | 05/19/09 | Aqueous | Same As Above | | |
| C09050548-0 | 11 M-111 | 05/18/09 00:00 | 0 05/19/09 | Aqueous | Same As Above | | |
| C09050548-0 | 012 M-112 | 05/18/09 00:00 | 05/19/09 | Aqueous | Same As Above | | |
| C09050548-0 | 013 M-113 | 05/18/09 00:00 | 0 05/19/09 | Aqueous | Same As Above | | |
| C09050548-0 | 014 M-114 | 05/18/09 00:00 | 05/19/09 | Aqueous | Same As Above | | |
| C09050548-0 | | 05/18/09 00:00 | 05/19/09 | Aqueous | Same As Above | | |
| C09050548-0 | | 05/18/09 00:00 | 05/19/09 | Aqueous | Same As Above | | |
| C09050548-0 |)17 M-117 | 05/18/09 00:00 | 0 05/19/09 | Aqueous | Same As Above | | |
| C09050548-0 | 018 M-118 | 05/18/09 00:00 | 0 05/19/09 | Aqueous | Same As Above | | |
| C09050548-0 | 019 M-120A | 05/18/09 00:00 | 0 05/19/09 | Aqueous | Same As Above | | |

ANALYTICAL SUMMARY REPORT

| C09050548-020 M-121 | 05/18/09 00:00 05/19/09 | Aqueous | Same As Above | |
|---------------------|-------------------------|---------|---------------|--|
| C09050548-021 M-129 | 05/18/09 00:00 05/19/09 | Aqueous | Same As Above | |
| C09050548-022 M-130 | 05/18/09 00:00 05/19/09 | Aqueous | Same As Above | |

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Stephanie D. Waldrop Reporting Supervisor



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-001

Client Sample ID: M-101

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 83 | mg/L | | 1 | | A2320 B | 05/21/09 19:26 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/21/09 19:26 / Iji |
| Bicarbonate as HCO3 | 101 | mg/L | | 1 | | A2320 B | 05/21/09 19:26 / |
| Calcium | 89 | mg/L | | 1 | | E200.7 | 05/29/09 01:53 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/24/09 23:10 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/21/09 09:53 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/29/09 01:53 / rdw |
| Nitrogen, Ammonia as N | 0.08 | mg/L | | 0.05 | | E350.1 | 05/21/09 09:25 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 10:57 / eli-b |
| Potassium | 7 | mg/L | | 1 | | E200.7 | 05/29/09 01:53 / rdw |
| Silica | 14.0 | mg/L | | 0.2 | | E200.7 | 05/29/09 01:53 / rdw |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 05/29/09 01:53 / rdw |
| Sulfate | 232 | mg/L | | 1 | | E300.0 | 05/24/09 23:10 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 617 | umhos/cm | | 1 | | A2510 B | 05/19/09 13:38 / dd |
| pH | 8.83 | s.u. | | 0.01 | | A4500-H B | 05/19/09 13:38 / dd |
| Solids, Total Dissolved TDS @ 180 C | 439 | mg/L | | 10 | | A2540 C | 05/19/09 15:45 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 22:30 / ts |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/20/09 22:30 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 22:30 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 01:53 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/20/09 22:30 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 22:30 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/20/09 22:30 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 01:53 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 22:30 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/20/09 22:30 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 22:30 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 22:30 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 22:30 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 22:30 / ts |
| Uranium | 0.0476 | mg/L | | 0.0003 | | E200.8 | 05/20/09 22:30 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 22:30 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/01/09 17:18 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 21:21 / aae |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 06/05/09 21:21 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-001

Client Sample ID: M-101

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | • | |
| Gross Alpha | 325 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Alpha precision (±) | 8.9 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Alpha MDC | 2.2 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta | 91.3 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta precision (±) | 2.8 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Radium 226 | 154 | pCi/L | | | | E903.0 | 05/30/09 18:27 / jah |
| Radium 226 precision (±) | 5.5 | pCi/L | | | | E903.0 | 05/30/09 18:27 / jah |
| Radium 226 MDC | 0.51 | pCi/L | | | | E903.0 | 05/30/09 18:27 / jah |
| Radium 228 | 7.4 | pCi/L | | | | RA-05 | 05/21/09 13:33 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 05/21/09 13:33 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/21/09 13:33 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.07 | % | | | | Calculation | 06/01/09 12:49 / ks |
| Anions | 6.63 | meg/L | | | | Calculation | 06/01/09 12:49 / ks |
| Cations | 6.24 | meq/L | | | | Calculation | 06/01/09 12:49 / ks |
| Solids, Total Dissolved Calculated | 435 | mg/L | | | | Calculation | 06/01/09 12:49 / ks |
| TDS Balance (0.80 - 1.20) | 1.01 | - | | | | Calculation | 06/01/09 12:49 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

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C09050548-002

Client Sample ID: M-102

Report Date: 07/06/09

Collection Date: 05/18/09 DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 131 | mg/L | | 1 | | A2320 B | 05/21/09 19:56 / Iji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/21/09 19:56 / ljl |
| Bicarbonate as HCO3 | 159 | mg/L | | 1 | | A2320 B | 05/21/09 19:56 / ljl |
| Calcium | 110 | mg/L | | 1 | | E200.7 | 06/05/09 00:09 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/03/09 01:27 / lji |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/21/09 09:56 / Ijl |
| Magnesium | 5 | mg/L | | 1 | | E200.7 | 06/05/09 00:09 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/21/09 09:27 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 10:59 / eli-t |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/05/09 00:09 / aae |
| Silica | 16.3 | mg/L | | 0.2 | | E200.7 | 05/29/09 02:04 / rdw |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/05/09 00:09 / aae |
| Sulfate | 256 | mg/L | | 1 | | E300.0 | 06/03/09 01:27 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 724 | umhos/cm | | 1 | | A2510 B | 05/19/09 13:40 / dd |
| oH | 7.62 | s.u. | | 0.01 | | A4500-H B | 05/19/09 13:40 / dd |
| Solids, Total Dissolved TDS @ 180 C | 522 | mg/L | | 10 | | A2540 C | 05/19/09 15:45 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 22:36 / ts |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 05/20/09 22:36 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 22:36 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 02:04 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/20/09 22:36 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 22:36 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/20/09 22:36 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 02:04 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 22:36 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/20/09 22:36 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 22:36 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 22:36 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 22:36 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 22:36 / ts |
| Jranium | 0.0390 | mg/L | 1 | 0.0003 | | E200.8 | 05/20/09 22:36 / ts |
| Vanadium | ND | mg/L | ` | 0.0003 | | E200.8 | 05/20/09 22:36 / ts |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 06/01/09 17:25 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 21:26 / aae |
| Manganese | 0.02 | mg/L | D | 0.02 | | E200.7 | 06/05/09 21:26 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-002

Client Sample ID: M-102

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | • | | | |
| Gross Alpha | 55.2 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Alpha precision (±) | 4.1 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Alpha MDC | 2.5 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta | 23.9 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta precision (±) | 2.1 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Radium 226 | 3.7 | pCi/L | | | | E903.0 | 05/30/09 19:58 / jah |
| Radium 226 precision (±) | 0.49 | pCi/L | | | | E903.0 | 05/30/09 19:58 / jah |
| Radium 226 MDC | 0.24 | pCi/L | | | | E903.0 | 05/30/09 19:58 / jah |
| Radium 228 | 3.1 | pCi/L | | | | RA-05 | 05/21/09 13:33 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/21/09 13:33 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/21/09 13:33 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -5.00 | % | | | | Calculation | 06/08/09 07:56 / kbh |
| Anions | 8.10 | meq/L | | | | Calculation | 06/08/09 07:56 / kbh |
| Cations | 7.32 | meq/L | | | | Calculation | 06/08/09 07:56 / kbh |
| Solids, Total Dissolved Calculated | 510 | mg/L | | | | Calculation | 06/08/09 07:56 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | | | | | Calculation | 06/08/09 07:56 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-003

Client Sample ID: M-103

Report Date: 07/06/09

Collection Date: 05/18/09 DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | • | | ·• · • • | | | | |
| Alkalinity, Total as CaCO3 | 142 | mg/L | | 1 | | A2320 B | 05/21/09 20:18 / Iji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/21/09 20:18 / Iji |
| Bicarbonate as HCO3 | 174 | mg/L | | 1 | | A2320 B | 05/21/09 20:18 / ljl |
| Calcium | 135 | mg/L | | 1 | | E200.7 | 05/29/09 02:38 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/24/09 23:41 / ljl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 05/21/09 09:59 / ljl |
| Magnesium | 6 | mg/L | | 1 | | E200.7 | 05/29/09 02:38 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/21/09 09:28 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 11:00 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/29/09 02:38 / rdw |
| Silica | 18.3 | mg/L | | 0.2 | | E200.7 | 05/29/09 02:38 / rdw |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 05/29/09 02:38 / rdw |
| Sulfate | 288 | mg/L | | 1 | | E300.0 | 05/24/09 23:41 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 816 | umhos/cm | | 1 | | A2510 B | 05/19/09 13:43 / dd |
| рН | 7.74 | s.u. | | 0.01 | | A4500-H B | 05/19/09 13:43 / dd |
| Solids, Total Dissolved TDS @ 180 C | 608 | mg/L | | 10 | | A2540 C | 05/19/09 15:47 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 22:43 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/20/09 22:43 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 22:43 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 02:38 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/20/09 22:43 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 22:43 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/20/09 22:43 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 02:38 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 22:43 / ts |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.8 | 05/20/09 22:43 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 22:43 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 22:43 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 22:43 / ts |
| Selenium | 0.032 | mg/L | | 0.001 | | E200.8 | 05/20/09 22:43 / ts |
| Uranium | 0.554 | mg/L | | 0.0003 | | E200.8 | 05/20/09 22:43 / ts |
| Vanadium | ND | mg/L | ` | 0.1 | | E200.8 | 05/20/09 22:43 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 06/01/09 17:32 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 21:49 / aae |
| Manganese | 0.03 | mg/L | D | 0.02 | | E200.7 | 06/05/09 21:49 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-003

Client Sample ID: M-103

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | • |
| Gross Alpha | 502 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Alpha precision (±) | 12.6 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Alpha MDC | 2.9 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta | 191 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta precision (±) | 4.2 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta MDC | 3.3 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Radium 226 | 2.0 | pCi/L | | | | E903.0 | 05/31/09 00:29 / jah |
| Radium 226 precision (±) | 0.33 | pCi/L | | | | E903.0 | 05/31/09 00:29 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 05/31/09 00:29 / jah |
| Radium 228 | 3.7 | pCi/L | | | | RA-05 | 05/21/09 13:33 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/21/09 13:33 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/21/09 13:33 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.93 | % | | | | Calculation | 06/01/09 12:51 / ks |
| Anions | 9.02 | meg/L | | | | Calculation | 06/01/09 12:51 / ks |
| Cations | 8.68 | meq/L | | | | Calculation | 06/01/09 12:51 / ks |
| Solids, Total Dissolved Calculated | 579 | mg/L | | | | Calculation | 06/01/09 12:51 / ks |
| TDS Balance (0.80 - 1.20) | 1.05 | - | | | | Calculation | 06/01/09 12:51 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-004

Client Sample ID: M-104

Report Date: 07/06/09

Collection Date: 05/18/09 DateReceived: 05/19/09

Matrix: Aqueous

| | _ | | | | MCL/ | | |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 139 | mg/L | | 1 | | A2320 B | 05/21/09 20:26 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/21/09 20:26 / ljl |
| Bicarbonate as HCO3 | 169 | mg/L | | 1 | | A2320 B | 05/21/09 20:26 / ljl |
| Calcium | 135 | mg/L | | 1 | | E200.7 | 05/29/09 02:44 / rdw |
| Chloride | 9 | mg/L | | 1 | | E300.0 | 05/25/09 00:27 / 111 |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 05/21/09 10:02 / Ijl |
| Magnesium | 5 | mg/L | | 1 | | E200.7 | 05/29/09 02:44 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/21/09 09:29 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 11:01 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/29/09 02:44 / rdw |
| Silica | 18.2 | mg/L | | 0.2 | | E200.7 | 05/29/09 02:44 / rdw |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 05/29/09 02:44 / rdw |
| Sulfate | 269 | mg/L | | 1 | | E300.0 | 05/25/09 00:27 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 793 | umhos/cm | | 1 | | A2510 B | 05/19/09 13:47 / dd |
| pH | 7.85 | S.U. | | 0.01 | | A4500-H B | 05/19/09 13:47 / dd |
| Solids, Total Dissolved TDS @ 180 C | 544 | mg/L | | 10 | | A2540 C | 05/20/09 13:25 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 22:50 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/20/09 22:50 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 22:50 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 02:44 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/20/09 22:50 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 22:50 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/20/09 22:50 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 02:44 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 22:50 / ts |
| Manganese | 0.04 | mg/L | | 0.01 | | E200.8 | 05/20/09 22:50 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 22:50 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 22:50 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 22:50 / ts |
| Selenium | 0.037 | mg/L | | 0.001 | | E200.8 | 05/20/09 22:50 / ts |
| Jranium | 0.585 | mg/L | | 0.0003 | | E200.8 | 05/20/09 22:50 / ts |
| /anadium | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 22:50 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 06/01/09 17:39 / sml |
| METALS - TOTAL | | | | | | | |
| ron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 22:06 / aae |
| Vanganese | 0.05 | mg/L | D | 0.02 | | E200.7 | 06/05/09 22:06 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-004

Client Sample ID: M-104

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | · | |
| Gross Alpha | 524 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Alpha precision (±) | 12.8 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Alpha MDC | 2.9 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta | 198 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta precision (±) | 4.3 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta MDC | 3.3 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Radium 226 | 1.8 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 precision (±) | 0.33 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 228 | 2.3 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 MDC | 1.7 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.459 | % | | | | Calculation | 06/01/09 12:51 / ks |
| Anions | 8.62 | meq/L | | | | Calculation | 06/01/09 12:51 / ks |
| Cations | 8.54 | meg/L | | | | Calculation | 06/01/09 12:51 / ks |
| Solids, Total Dissolved Calculated | 557 | mg/L | | | | Calculation | 06/01/09 12:51 / ks |
| TDS Balance (0.80 - 1.20) | 0.980 | - | | | | Calculation | 06/01/09 12:51 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-005

Client Sample ID: M-105

Report Date: 07/06/09

Collection Date: 05/18/09 DateReceived: 05/19/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 130 | mg/L | | 1 | | A2320 B | 05/21/09 20:33 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/21/09 20:33 / 1 |
| Bicarbonate as HCO3 | 159 | mg/L | | 1 | | A2320 B | 05/21/09 20:33 / Iji |
| Calcium | 116 | mg/L | | 1 | | E200.7 | 05/29/09 02:49 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/25/09 00:42 / lil |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/21/09 10:04 / ljl |
| Magnesium | 5 | mg/L | | 1 | | E200.7 | 05/29/09 02:49 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/21/09 09:33 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 12:00 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/29/09 02:49 / rdw |
| Silica | 15.9 | mg/L | | 0.2 | | E200.7 | 05/29/09 02:49 / rdw |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 05/29/09 02:49 / rdw |
| Sulfate | 239 | mg/L | | 1 | | E300.0 | 05/25/09 00:42 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 697 | umhos/cm | | 1 | | A2510 B | 05/19/09 13:50 / dd |
| pH | 7.61 | s.u. | | 0.01 | | A4500-H B | 05/19/09 13:50 / dd |
| Solids, Total Dissolved TDS @ 180 C | 472 | mg/L | | 10 | | A2540 C | 05/20/09 13:25 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 22:57 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 22:57 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 22:57 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 02:49 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/20/09 22:57 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 22:57 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/20/09 22:57 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 02:49 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 22:57 / ts |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.8 | 05/20/09 22:57 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 22:57 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 22:57 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 22:57 / ts |
| Selenium | 0.001 | mg/L | | 0.001 | | E200.8 | 05/20/09 22:57 / ts |
| Uranium | 0.0825 | mg/L | i | 0.0003 | | E200.8 | 05/20/09 22:57 / ts |
| Vanadium | ND | mg/L | · · | 0.1 | | E200.8 | 05/20/09 22:57 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/01/09 17:46 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 0.06 | mg/L | | 0.03 | | E200.7 | 06/05/09 22:11 / aae |
| Manganese | 0.02 | mg/L | D | 0.02 | | E200.7 | 06/05/09 22:11 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-005

Client Sample ID: M-105

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | : Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|---------|------------|-----|-------------|-------------|----------------------|
| | | | quamioro | 114 | | | |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 377 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Alpha precision (±) | 10.1 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Alpha MDC | 2.5 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta | 117 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta precision (±) | 3.3 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Radium 226 | 184 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 precision (±) | 2.6 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 228 | 5.8 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.24 | % | | | | Calculation | 06/01/09 12:52 / ks |
| Anions | 7.75 | meq/L | | | | Calculation | 06/01/09 12:52 / ks |
| Cations | 7.56 | meq/L | | | | Calculation | 06/01/09 12:52 / ks |
| Solids, Total Dissolved Calculated | 497 | mg/L | | | | Calculation | 06/01/09 12:52 / ks |
| TDS Balance (0.80 - 1.20) | 0.950 | 0 | | | | Calculation | 06/01/09 12:52 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-006

Client Sample ID: M-106

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | • | | | | | | |
| Alkalinity, Total as CaCO3 | 127 | mg/L | | 1 | | A2320 B | 05/21/09 20:40 / Iji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/21/09 20:40 / ljl |
| Bicarbonate as HCO3 | 156 | mg/L | | 1 | | A2320 B | 05/21/09 20:40 / ljl |
| Calcium | 111 | mg/L | | 1 | | E200.7 | 05/29/09 02:55 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/25/09 00:58 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/21/09 10:07 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 05/29/09 02:55 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/21/09 09:36 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 12:02 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/29/09 02:55 / rdw |
| Silica | 15.7 | mg/L | | 0.2 | | E200.7 | 05/29/09 02:55 / rdw |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 05/29/09 02:55 / rdw |
| Sulfate | 235 | mg/L | | 1 | | E300.0 | 05/25/09 00:58 / Ijl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 693 | umhos/cm | | 1 | | A2510 B | 05/19/09 13:52 / dd |
| pH | 7.83 | s.u. | | 0.01 | | A4500-H B | 05/19/09 13:52 / dd |
| Solids, Total Dissolved TDS @ 180 C | 489 | mg/L | | 10 | | A2540 C | 05/20/09 13:27 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:03 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 23:03 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:03 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 02:55 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/20/09 23:03 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 23:03 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/20/09 23:03 / ts |
| ron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 02:55 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 23:03 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/20/09 23:03 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 23:03 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:03 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 23:03 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 23:03 / ts |
| Uranium | 0.0548 | mg/L | | 0.0003 | | E200.8 | 05/20/09 23:03 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:03 / ts |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 06/01/09 17:52 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 0.88 | mg/L | | 0.03 | | E200.8 | 06/05/09 23:37 / sml |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 06/05/09 23:37 / sml |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-006

Client Sample ID: M-106

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | . <u>-</u> | |
| Gross Alpha | 76.1 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Alpha precision (±) | 4.7 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Alpha MDC | 2.5 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta | 26.6 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta precision (±) | 2.2 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Radium 226 | 13 | pCi/L | | | | E903.0 | 05/31/09 01:59 / jah |
| Radium 226 precision (±) | 0.84 | pCi/L | | | | E903.0 | 05/31/09 01:59 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 05/31/09 01:59 / jah |
| Radium 228 | 5.3 | pCi/L | | | | RA-05 | 05/21/09 13:33 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/21/09 13:33 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/21/09 13:33 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.74 | % | | | | Calculation | 06/01/09 12:52 / ks |
| Anions | 7.60 | meq/L | | | | Calculation | 06/01/09 12:52 / ks |
| Cations | 7.34 | meq/L | | | | Calculation | 06/01/09 12:52 / ks |
| Solids, Total Dissolved Calculated | 487 | mg/L | | | | Calculation | 06/01/09 12:52 / ks |
| TDS Balance (0.80 - 1.20) | 1.00 | | | | | Calculation | 06/01/09 12:52 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-007

Client Sample ID: M-107

Report Date: 07/06/09 Collection Date: 05/18/09 DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|--------------------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 90 | mg/L | | 1 | | A2320 B | 05/24/00 20:47 / 10 |
| Carbonate as CO3 | ND | • | | | | A2320 B A2320 B | 05/21/09 20:47 / Ijl |
| Bicarbonate as HCO3 | 110 | mg/L | | 1 | | | 05/21/09 20:47 / ljl |
| Calcium | 97 | mg/L | | 1 | | A2320 B | 05/21/09 20:47 / Iji |
| Chloride | | mg/L | | 1 | | E200.7 | 05/29/09 03:00 / rdw |
| Fluoride | 6 | mg/L | | 1 | | E300.0 | 05/25/09 01:13 / Iji |
| | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/21/09 10:10 / Iji |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/29/09 03:00 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/21/09 09:37 / eli-l |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 12:03 / eli-l |
| Potassium | 10 | mg/L | | 1 | | E200.7 | 05/29/09 03:00 / rdw |
| Silica | 15.1 | mg/L | | 0.2 | | E200.7 | 05/29/09 03:00 / rdw |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 05/29/09 03:00 / rdw |
| Sulfate | 230 | mg/L | | 1 | | E300.0 | 05/25/09 01:13 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 639 | umhos/cm | | 1 | | A2510 B | 05/19/09 13:54 / dd |
| oH | 8.75 | s.u, | | 0.01 | | A4500-H B | 05/19/09 13:54 / dd |
| Solids, Total Dissolved TDS @ 180 C | 437 | mg/L | | 10 | | A2540 C | 05/20/09 13:27 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:10 / ts |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/20/09 23:10 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:10 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 03:00 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/20/09 23:10 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 23:10 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/20/09 23:10 / ts |
| lron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 03:00 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.7 | 05/20/09 23:10 / ts |
| Vanganese | ND | mg/L | | 0.01 | | E200.8 | 05/20/09 23:10 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 23:10 / ts |
| Molybdenum | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 23:10 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 23:10 / ts |
| Selenium | ND | - | | | | | |
| | | mg/L | | 0.001 | | E200.8 | 05/20/09 23:10 / ts |
| Jranium Zapadium | 0.0499 | mg/L | | 0.0003 | | E200.8 | 05/20/09 23:10 / ts |
| Vanadium Zina | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:10 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/01/09 17:59 / sml |
| METALS - TOTAL | | | | | | | |
| ron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 22:17 / aae |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 06/05/09 22:17 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-007

Client Sample ID: M-107

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 86.8 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Alpha precision (±) | 4.8 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Alpha MDC | 2.3 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta | 34.4 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta precision (±) | 2.2 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Radium 226 | 4.6 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 precision (±) | 0.46 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 228 | 4.3 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.183 | % | | | | Calculation | 06/01/09 12:53 / ks |
| Anions | 6.75 | meq/L | | | | Calculation | 06/01/09 12:53 / ks |
| Cations | 6.78 | meq/L | | | | Calculation | 06/01/09 12:53 / ks |
| Solids, Total Dissolved Calculated | 452 | mg/L | | | | Calculation | 06/01/09 12:53 / ks |
| TDS Balance (0.80 - 1.20) | 0.970 | - | | | | Calculation | 06/01/09 12:53 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-008

Client Sample ID: M-108

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 122 | mg/L | | 1 | | A2320 B | 05/21/09 20:54 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/21/09 20:54 / |
| Bicarbonate as HCO3 | 149 | mg/L | | 1 | | A2320 B | 05/21/09 20:54 / III |
| Calcium | 90 | mg/L | | 1 | | E200.7 | 05/29/09 03:06 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/25/09 01:59 / III |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/21/09 10:12 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 05/29/09 03:06 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/21/09 09:38 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 12:04 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 05/29/09 03:06 / rdw |
| Silica | 15.6 | mg/L | | 0.2 | | E200.7 | 05/29/09 03:06 / rdw |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 05/29/09 03:06 / rdw |
| Sulfate | 188 | mg/L | | 1 | | E300.0 | 05/25/09 01:59 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 598 | umhos/cm | | 1 | | A2510 B | 05/19/09 13:56 / dd |
| pH | 7.91 | s.u. | | 0.01 | | A4500-H B | 05/19/09 13:56 / dd |
| Solids, Total Dissolved TDS @ 180 C | 394 | mg/L | | 10 | | A2540 C | 05/20/09 13:27 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:17 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 23:17 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:17 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 03:06 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/20/09 23:17 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 23:17 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/20/09 23:17 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 03:06 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 23:17 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/20/09 23:17 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 23:17 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:17 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 23:17 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 23:17 / ts |
| Uranium | 0.0149 | mg/L | | 0.0003 | | E200.8 | 05/20/09 23:17 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:17 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/01/09 18:34 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 0.09 | mg/L | | 0.03 | | E200.7 | 06/05/09 22:22 / aae |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 06/05/09 22:22 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-008

Client Sample ID: M-108

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | • | | | |
| Gross Alpha | 41.4 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Alpha precision (±) | 3.4 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Alpha MDC | 2.2 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta | 18.4 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/19/09 21:10 / cgr |
| Radium 226 | 8.2 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 precision (±) | 0.63 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 228 | 5.3 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.21 | % | | | | Calculation | 06/01/09 12:53 / ks |
| Anions | 6.51 | meq/L | | | | Calculation | 06/01/09 12:53 / ks |
| Cations | 6.10 | meq/L | | | | Calculation | 06/01/09 12:53 / ks |
| Solids, Total Dissolved Calculated | 411 | mg/L | | | | Calculation | 06/01/09 12:53 / ks |
| TDS Balance (0.80 - 1.20) | 0.960 | - | | | | Calculation | 06/01/09 12:53 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-009

Client Sample ID: M-109

Report Date: 07/06/09 Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|-------|-------------|-----------|------------------------|
| MAJOR IONS | | • | · · | | | <u> </u> | · - |
| Alkalinity, Total as CaCO3 | 88 | mg/L | | 1 | | A2320 B | 05/21/09 21:02 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/21/09 21:02 / [i] |
| Bicarbonate as HCO3 | 108 | mg/L | | 1 | | A2320 B | 05/21/09 21:02 / |
| Calcium | 60 | mg/L | | 1 | | E200.7 | 05/29/09 03:11 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/25/09 02:15 / Iji |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 10:21 / Iji |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/29/09 03:11 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/21/09 09:40 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 12:05 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 05/29/09 03:11 / rdw |
| Silica | 11.7 | mg/L | | 0.2 | | E200.7 | 05/29/09 03:11 / rdw |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 05/29/09 03:11 / rdw |
| Sulfate | 147 | mg/L | | 1 | | E300.0 | 05/25/09 02:15 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 470 | umhos/cm | | 1 | | A2510 B | 05/19/09 13:58 / dd |
| pH | 8.30 | s.u. | | 0.01 | | A4500-H B | 05/19/09 13:58 / dd |
| Solids, Total Dissolved TDS @ 180 C | 292 | mg/L | | 10 | | A2540 C | 05/20/09 13:27 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:24 / ts |
| Arsenic | 0.002 | mg/L | 1 | 0.001 | | E200.8 | 05/20/09 23:24 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:24 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 03:11 / rdw |
| Cadmium | ND | mg/L | 1 | 0.005 | | E200.8 | 05/20/09 23:24 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 23:24 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/20/09 23:24 / ts |
| ron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 03:11 / rdw |
| Lead | ND | mg/L | (| 0.001 | | E200.8 | 05/20/09 23:24 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/20/09 23:24 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 23:24 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:24 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 23:24 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 23:24 / ts |
| Uranium | 0.0196 | mg/L | | .0003 | | E200.8 | 05/20/09 23:24 / ts |
| √anadium | ND | mg/L | _ | 0.1 | | E200.8 | 05/20/09 23:24 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/01/09 18:40 / sml |
| METALS - TOTAL | | | | | | | |
| ron . | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 22:27 / aae |
| Manganese | ND | mg/L | | 0.02 | | E200.7 | 06/05/09 22:27 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-009

Client Sample ID: M-109

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 53.6 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha precision (±) | 3.4 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta | 24.0 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Radium 226 | 10 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 precision (±) | 0.66 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 228 | 3.7 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.90 | % | | | | Calculation | 06/01/09 12:54 / ks |
| Anions | 4.97 | meq/L | | | | Calculation | 06/01/09 12:54 / ks |
| Cations | 4.69 | meq/L | | | | Calculation | 06/01/09 12:54 / ks |
| Solids, Total Dissolved Calculated | 318 | mg/L | | | | Calculation | 06/01/09 12:54 / ks |
| TDS Balance (0.80 - 1.20) | 0.920 | _ | | | | Calculation | 06/01/09 12:54 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-010

Client Sample ID: M-110

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| | MCL/ | | | | | | | |
|-------------------------------------|--------|----------|------------|--------|-----|-----------|------------------------|--|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By | |
| MAJOR IONS | | | | | | • | | |
| Alkalinity, Total as CaCO3 | 108 | mg/L | | 1 | | A2320 B | 05/21/09 21:09 / ljl | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/21/09 21:09 / ljt | |
| Bicarbonate as HCO3 | 132 | mg/L | | 1 | | A2320 B | 05/21/09 21:09 / Iji | |
| Calcium | 70 | mg/L | | 1 | | E200.7 | 05/29/09 03:17 / rdw | |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/25/09 02:30 / ljl | |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 10:33 / ljl | |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/29/09 03:17 / rdw | |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/21/09 09:41 / eli-b | |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 12:06 / eli-b | |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/29/09 03:17 / rdw | |
| Silica | 14.1 | mg/L | | 0.2 | | E200.7 | 05/29/09 03:17 / rdw | |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 05/29/09 03:17 / rdw | |
| Sulfate | 149 | mg/L | | 1 | | E300.0 | 05/25/09 02:30 / Ijl | |
| PHYSICAL PROPERTIES | | | | | | | | |
| Conductivity | 506 | umhos/cm | | 1 | | A2510 B | 05/19/09 14:00 / dd | |
| Н | 7.95 | S.U. | | 0.01 | | A4500-H B | 05/19/09 14:00 / dd | |
| Solids, Total Dissolved TDS @ 180 C | 317 | mg/L | | 10 | | A2540 C | 05/20/09 13:28 / rp | |
| METALS - DISSOLVED | | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:58 / ts | |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 23:58 / ts | |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:58 / ts | |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 03:17 / rdw | |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/20/09 23:58 / ts | |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 23:58 / ts | |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/20/09 23:58 / ts | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 03:17 / rdw | |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 23:58 / ts | |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/20/09 23:58 / ts | |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 23:58 / ts | |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:58 / ts | |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/20/09 23:58 / ts | |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/20/09 23:58 / ts | |
| Uranium | 0.142 | mg/L | | 0.0003 | | E200.8 | 05/20/09 23:58 / ts | |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/20/09 23:58 / ts | |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/01/09 20:38 / sml | |
| METALS - TOTAL | | | | | | | | |
| Iron | 0.06 | mg/L | | 0.03 | | E200.7 | 06/05/09 22:33 / aae | |
| Manganese | ND | mg/L | D | 0.03 | | E200.7 | 06/05/09 22:33 / aae | |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-010

Client Sample ID: M-110

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|---------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | <u></u> | | | | · | | |
| Gross Alpha | 184 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha precision (±) | 6.3 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta | 77.1 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta precision (±) | 2.6 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Radium 226 | 33 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 precision (±) | 1.3 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 228 | 4.7 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 MDC | 1.6 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.99 | % | | | | Calculation | 06/01/09 12:54 / ks |
| Anions | 5.42 | meq/L | | | | Calculation | 06/01/09 12:54 / ks |
| Cations | 5.11 | meq/L | | | | Calculation | 06/01/09 12:54 / ks |
| Solids, Total Dissolved Calculated | 342 | mg/L | | | | Calculation | 06/01/09 12:54 / ks |
| TDS Balance (0.80 - 1.20) | 0.930 | | | | | Calculation | 06/01/09 12:54 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-011

Client Sample ID: M-111

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 113 | mg/L | | 1 | | A2320 B | 05/21/09 21:16 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/21/09 21:16 / ljl |
| Bicarbonate as HCO3 | 137 | mg/L | | 1 | | A2320 B | 05/21/09 21:16 / Iji |
| Calcium | 70 | mg/L | | 1 | | E200.7 | 05/29/09 03:22 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/03/09 01:42 / lil |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 10:36 / Iji |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/05/09 00:15 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/21/09 09:42 / eli-t |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 12:07 / eli-l |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/05/09 00:15 / aae |
| Silica | 15.6 | mg/L | | 0.2 | | E200.7 | 05/29/09 03:22 / rdw |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 06/05/09 00:15 / aae |
| Sulfate | 155 | mg/L | | 1 | | E300.0 | 06/03/09 01:42 / Ijl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 517 | umhos/cm | | 1 | | A2510 B | 05/19/09 14:02 / dd |
| pΗ | 8.01 | s.u. | | 0.01 | | A4500-H B | 05/19/09 14:02 / dd |
| Solids, Total Dissolved TDS @ 180 C | 320 | mg/L | | 10 | | A2540 C | 05/20/09 13:28 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 00:25 / ts |
| Arsenic | ND | mg/L | + | 0.001 | | E200.8 | 05/21/09 00:25 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 00:25 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 03:22 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/21/09 00:25 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 00:25 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/21/09 00:25 / ts |
| ron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 03:22 / rdw |
| _ead | ND | mg/L | 1 | 0.001 | | E200.8 | 05/21/09 00:25 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/21/09 00:25 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 00:25 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 00:25 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 00:25 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 00:25 / ts |
| Jranium | 0.0240 | mg/L | C | 0.0003 | | E200.8 | 05/21/09 00:25 / ts |
| /anadium | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 00:25 / ts |
| Zinç | ND | mg/L | | 0.01 | | E200.8 | 06/01/09 20:44 / sml |
| METALS - TOTAL | | | | | | | |
| ron | 0.04 | mg/L | | 0.03 | | E200.8 | 06/05/09 23:44 / sml |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.8 | 06/05/09 23:44 / sml |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-011

Client Sample ID: M-111

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 44.9 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha precision (±) | 3.3 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta | 19.9 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Radium 226 | 4.5 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 precision (±) | 0.45 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 228 | 4.8 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.80 | % | | | | Calculation | 06/08/09 08:12 / kbh |
| Anions | 5.57 | meq/L | | | | Calculation | 06/08/09 08:12 / kbh |
| Cations | 5.06 | meg/L | | | | Calculation | 06/08/09 08:12 / kbh |
| Solids, Total Dissolved Calculated | 349 | mg/L | | | | Calculation | 06/08/09 08:12 / kbh |
| TDS Balance (0.80 - 1.20) | 0.920 | • | | | | Calculation | 06/08/09 08:12 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-012

Client Sample ID: M-112

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | · - · · · · · · |
| Alkalinity, Total as CaCO3 | 113 | mg/L | | 1 | | A2320 B | 05/21/09 21:31 / Ijl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/21/09 21:31 / ljl |
| Bicarbonate as HCO3 | 138 | mg/L | | 1 | | A2320 B | 05/21/09 21:31 / ljl |
| Calcium | 74 | mg/L | | 1 | | E200.7 | 05/29/09 03:56 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/25/09 03:01 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 10:39 / Iji |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/29/09 03:56 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/21/09 09:43 / eli-l |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 12:12 / eli-l |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/29/09 03:56 / rdw |
| Silica | 13.7 | mg/L | | 0.2 | | E200,7 | 05/29/09 03:56 / rdw |
| Sodium | 28 | mg/L | | 1 | | E200.7 | 05/29/09 03:56 / rdw |
| Sulfate | 150 | mg/L | | 1 | | E300.0 | 05/25/09 03:01 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 515 | umhos/cm | | 1 | | A2510 B | 05/19/09 14:04 / dd |
| oH | 8.02 | S.U. | | 0.01 | | A4500-H B | 05/19/09 14:04 / dd |
| Solids, Total Dissolved TDS @ 180 C | 322 | mg/L | | 10 | | A2540 C | 05/20/09 13:28 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/01/09 20:51 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 00:31 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 00:31 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 03:56 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/21/09 00:31 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/01/09 20:51 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/21/09 00:31 / ts |
| ron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 03:56 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 00:31 / ts |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.7 | 05/29/09 03:56 / rdw |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 00:31 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 00:31 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 00:31 / ts |
| Selenium | ND | mg/L | 1 | 0.001 | | E200.8 | 05/21/09 00:31 / ts |
| Jranium | 0.0225 | mg/L | | 0.0003 | | E200.8 | 05/21/09 00:31 / ts |
| /anadium | ND | mg/L | • | 0.1 | | E200.8 | 06/01/09 20:51 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/01/09 20:51 / sml |
| METALS - TOTAL | | | | | | | |
| ron | 0.04 | mg/L | | 0.03 | | E200.7 | 06/05/09 22:38 / aae |
| Vanganese | ND | mg/L | | 0.02 | | E200.7 | 06/05/09 22:38 / aae |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-012

Client Sample ID: M-112

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|---------------------------------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | · · · · · · · · · · · · · · · · · · · | | | | |
| Gross Alpha | 32.4 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha precision (±) | 2.9 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta | 17.1 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/20/09 09:25 / cgr |
| Radium 226 | 4.1 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 precision (±) | 0.45 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 228 | 5.8 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 precision (±) | 1.2 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 MDC | 1,5 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.73 | % | | | | Calculation | 06/01/09 12:59 / ks |
| Anions | 5.54 | meq/L | | | | Calculation | 06/01/09 12:59 / ks |
| Cations | 5.25 | meq/L | | | | Calculation | 06/01/09 12:59 / ks |
| Solids, Total Dissolved Calculated | 348 | mg/L | | | | Calculation | 06/01/09 12:59 / ks |
| TDS Balance (0.80 - 1.20) | 0.930 | - | | | | Calculation | 06/01/09 12:59 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-013

Client Sample ID: M-113

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------------|----------|------------|--------|-------------|--------------------|--|
| MAJOR IONS | | • | - | | | | |
| Alkalinity, Total as CaCO3 | 98 | mg/L | | 1 | | A2320 B | 05/21/09 21:54 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B A2320 B | 05/21/09 21:54 / Ijl |
| Bicarbonate as HCO3 | 119 | mg/L | | 1 | | A2320 B A2320 B | 05/21/09 21:54 / ljl |
| Calcium | 56 | mg/L | | 1 | | E200.7 | 05/29/09 04:02 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/25/09 03:16 / Ijl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 10:42 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/29/09 04:02 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E350.1 E353.2 | 05/21/09 09:47 / eli-b 05/21/09 12:16 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E333.2 E200.7 | |
| Silica | 14.3 | | | 0.2 | | | 05/29/09 04:02 / rdw |
| Sodium | 34 | mg/L | | | | E200.7 | 05/29/09 04:02 / rdw |
| Sulfate | | mg/L | | 1 | | E200.7 | 05/29/09 04:02 / rdw |
| Guilate | 124 | mg/L | | 1 | | E300.0 | 05/25/09 03:16 / IjI |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 448 | umhos/cm | | 1 | | A2510 B | 05/19/09 14:06 / dd |
| pH | 8.07 | s.u. | | 0.01 | | A4500-H B | 05/19/09 14:06 / dd |
| Solids, Total Dissolved TDS @ 180 C | 300 | mg/L | | 10 | | A2540 C | 05/20/09 13:28 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 00:38 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 00:38 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 00:38 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 04:02 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/21/09 00:38 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 00:38 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/21/09 00:38 / ts |
| ron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 04:02 / rdw |
| _ead | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 00:38 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/21/09 00:38 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 00:38 / ts |
| Molybdenum | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 00:38 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 00:38 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | • |
| Jranium | 0.0167 | mg/L | | 0.0003 | | E200.8 | 05/21/09 00:38 / ts |
| /anadium | 0.0167 ND | mg/L | ' | 0.1 | | E200.8 E200.8 | 05/21/09 00:38 / ts |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 05/21/09 00:38 / ts 06/01/09 20:58 / sml |
| METALS - TOTAL | | | | | | | |
| ron | ND | mg/L | | 0.03 | | E200.7 | 06/05/00 22:01 / |
| Manganese | ND | mg/L | D | 0.03 | | E200.7 | 06/05/09 23:01 / aae 06/05/09 23:01 / aae |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-013

Client Sample ID: M-113

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | · | | | | |
| Gross Alpha | 42.0 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha precision (±) | 2.9 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta | 17.1 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Radium 226 | 7.0 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 precision (±) | 0.57 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 06/01/09 15:55 / jah |
| Radium 228 | 2.6 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.30 | % | | | | Calculation | 06/01/09 13:00 / ks |
| Anions | 4.68 | meq/L | | | | Calculation | 06/01/09 13:00 / ks |
| Cations | 4.56 | meq/L | | | | Calculation | 06/01/09 13:00 / ks |
| Solids, Total Dissolved Calculated | 302 | mg/L | | | | Calculation | 06/01/09 13:00 / ks |
| TDS Balance (0.80 - 1.20) | 0.990 | - | | | | Calculation | 06/01/09 13:00 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-014

Client Sample ID: M-114

Report Date: 07/06/09

Collection Date: 05/18/09 DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|--------------|----------|------------|-------|-------------|------------------|---|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 105 | mg/L | | 1 | | A2320 B | 05/21/09 22:01 / ljl |
| Carbonate as CO3 | 9 | mg/L | | 1 | | A2320 B | 05/21/09 22:01 / lil |
| Bicarbonate as HCO3 | 110 | mg/L | | 1 | | A2320 B | 05/21/09 22:01 / ljl |
| Calcium | 60 | mg/L | | 1 | | E200.7 | 05/29/09 04:07 / rdw |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/26/09 17:54 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 10:49 / lil |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/29/09 04:07 / rdw |
| Nitrogen, Ammonia as N | 0.08 | mg/L | | 0.05 | | E350.1 | 05/21/09 09:50 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 12:17 / eli-b |
| Potassium | 8 | mg/L | | 1 | | E200.7 | 05/29/09 04:07 / rdw |
| Silica | 12.8 | mg/L | | 0.2 | | E200.7 | 05/29/09 04:07 / rdw |
| Sodium | 38 | mg/L | | 1 | | E200.7 | 05/29/09 04:07 / rdw |
| Sulfate | 142 | mg/L | | 1 | | E300.0 | 05/26/09 17:54 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 495 | umhos/cm | | 1 | | A2510 B | 05/19/09 14:21 / dd |
| pH | 8.88 | s.u. | | 0.01 | | A4500-H B | 05/19/09 14:21 / dd |
| Solids, Total Dissolved TDS @ 180 C | 325 | mg/L | | 10 | | A2540 C | 05/20/09 13:29 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 00:45 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 00:45 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 00:45 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 04:07 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/21/09 00:45 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 00:45 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/21/09 00:45 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 04:07 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.7 | 05/21/09 00:45 / ts |
| Manganese San | ND | mg/L | | 0.01 | | E200.8 | 05/21/09 00:45 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 00:45 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 00:45 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 00:45 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | |
| Jranium Jranium | 0.0546 | mg/L | | 0.001 | | | 05/21/09 00:45 / ts |
| Vanadium | 0.0546 ND | mg/L | ' | 0.1 | | E200.8 | 05/21/09 00:45 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 E200.8 | 05/21/09 00:45 / ts 06/01/09 21:05 / sml |
| METALS - TOTAL | | | | | | | |
| ron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 23:07 / aae |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 06/05/09 23:07 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-014

Client Sample ID: M-114

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analysis | D14 | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualiflers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 466 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha precision (±) | 9.7 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta | 171 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta precision (±) | 3.5 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Radium 226 | 180 | pCi/L | | | | E903.0 | 06/01/09 17:27 / jah |
| Radium 226 precision (±) | 2.8 | pCi/L | | | | E903.0 | 06/01/09 17:27 / jah |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 06/01/09 17:27 / jah |
| Radium 228 | 7.6 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 05/28/09 12:01 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.99 | % | | | | Calculation | 06/01/09 13:00 / ks |
| Anions | 5.24 | meq/L | | | | Calculation | 06/01/09 13:00 / ks |
| Cations | 5.04 | meq/L | | | | Calculation | 06/01/09 13:00 / ks |
| Solids, Total Dissolved Calculated | 336 | mg/L | | | | Calculation | 06/01/09 13:00 / ks |
| TDS Balance (0.80 - 1.20) | 0.970 | - | | | | Calculation | 06/01/09 13:00 / ks |
| | | | | | | | |

Report **Definitions:** RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-015

Client Sample ID: M-115

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL . | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|-------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 90 | mg/L | | 1 | | A2320 B | 05/21/09 22:09 / ljl |
| Carbonate as CO3 | 5 | mg/L | | 1 | | A2320 B | 05/21/09 22:09 / |
| Bicarbonate as HCO3 | 101 | mg/L | | 1 | | A2320 B | 05/21/09 22:09 / ljl |
| Calcium | 55 | mg/L | | 1 | | E200.7 | 05/29/09 04:12 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/26/09 18:40 / Iji |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 10:52 / |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/29/09 04:12 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/21/09 09:51 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 12:18 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 05/29/09 04:12 / rdw |
| Silica | 12.7 | mg/L | | 0.2 | | E200.7 | 05/29/09 04:12 / rdw |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 05/29/09 04:12 / rdw |
| Sulfate | 132 | mg/L | | 1 | | E300.0 | 05/26/09 18:40 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 457 | umhos/cm | | 1 | | A2510 B | 05/19/09 14:23 / dd |
| ρΗ | 8.96 | S.U. | | 0.01 | | A4500-H B | 05/19/09 14:23 / dd |
| Solids, Total Dissolved TDS @ 180 C | 298 | mg/L | | 10 | | A2540 C | 05/20/09 13:29 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 00:52 / ts |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 05/21/09 00:52 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 00:52 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 04:12 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/21/09 00:52 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 00:52 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/21/09 00:52 / ts |
| ron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 04:12 / rdw |
| Lead | ND | mg/L | 1 | 0.001 | | E200.8 | 05/21/09 00:52 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/21/09 00:52 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 00:52 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 00:52 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 00:52 / ts |
| Selenium | 0.001 | mg/L | (| 0.001 | | E200.8 | 05/21/09 00:52 / ts |
| Jranium | 0.111 | mg/L | C | .0003 | | E200.8 | 05/21/09 00:52 / ts |
| /anadium | ND | mg/L | _ | 0.1 | | E200.8 | 05/21/09 00:52 / ts |
| Zìnc | ND | mg/L | | 0.01 | | E200.8 | 06/01/09 21:12 / sml |
| METALS - TOTAL | | | | | | | |
| ron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 23:12 / aae |
| Vanganese | ND | mg/L | | 0.02 | | E200.7 | 06/05/09 23:12 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-015

Client Sample ID: M-115

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|---------------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 121 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha precision (±) | 5.0 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta | 46.3 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta precision (±) | 2.3 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Radium 226 | 2.1 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 226 precision (±) | 0.42 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 226 MDC | 0.34 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 228 | 1.1 | pCi/L | U | | | RA-05 | 05/28/09 14:08 / pli |
| Radium 228 precision (±) | 1.2 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| Radium 228 MDC | 1.9 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2 .81 | % | | | | Calculation | 06/01/09 13:00 / ks |
| Anions | 4.70 | meg/L | | | | Calculation | 06/01/09 13:00 / ks |
| Cations | 4.44 | meq/L | | | | Calculation | 06/01/09 13:00 / ks |
| Solids, Total Dissolved Calculated | 301 | mg/L | | | | Calculation | 06/01/09 13:00 / ks |
| TDS Balance (0.80 - 1.20) | 0.990 | - | | | | Calculation | 06/01/09 13:00 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-016

Client Sample ID: M-116

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| A section . | | | | | MCL/ | | |
|-------------------------------------|--------|----------|------------|--------|------|-----------|-----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / B |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 104 | mg/L | | 1 | | A2320 B | 05/21/09 22:16 / lji |
| Carbonate as CO3 | 5 | mg/L | | 1 | | A2320 B | 05/21/09 22:16 / ljl |
| Bicarbonate as HCO3 | 116 | mg/L | | 1 | | A2320 B | 05/21/09 22:16 / III |
| Calcium | 52 | mg/L | | 1 | | E200.7 | 06/05/09 00:20 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/03/09 01:58 / III |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 10:55 / lji |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/05/09 00:20 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/21/09 09:53 / eli- |
| Nitrogen, Nitrate+Nitrite as N | 0.15 | mg/L | | 0.05 | | E353.2 | 05/21/09 12:19 / eli- |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/05/09 00:20 / aae |
| Silica | 12.6 | mg/L | | 0.2 | | E200.7 | 05/29/09 04:18 / rdw |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/05/09 00:20 / aae |
| Sulfate | 120 | mg/L | | 1 | | E300.0 | 06/03/09 01:58 / Iji |
| | 120 | mgr. | | • | | L000.0 | 00/03/03 01:30 / IJI |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 445 | umhos/cm | | 1 | | A2510 B | 05/19/09 14:24 / dd |
| ЭН | 8.70 | s.u. | | 0.01 | | A4500-H B | 05/19/09 14:24 / dd |
| Solids, Total Dissolved TDS @ 180 C | 312 | mg/L | | 10 | | A2540 C | 05/20/09 13:30 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 01:26 / ts |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 05/21/09 01:26 / ts |
| 3arium | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 01:26 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 04:18 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/21/09 01:26 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 01:26 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/21/09 01:26 / ts |
| ron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 04:18 / rdw |
| _ead | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 01:26 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/21/09 01:26 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 01:26 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 01:26 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 01:26 / ts |
| Selenium | 0.010 | mg/L | | 0.001 | | E200.8 | 05/21/09 01:26 / ts |
| Jranium | 0.180 | mg/L | | 0.0003 | | E200.8 | 05/21/09 01:26 / ts |
| /anadium | ND | mg/L | , | 0.0003 | | E200.8 | 05/21/09 01:26 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/01/09 21:18 / sml |
| METALS - TOTAL | | | | | | | |
| ron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 23:28 / aae |
| Manganese | ND | mg/L | D | 0.03 | | | |
| | ND | mgrL | D | Ų.Ų∠ | | E200.7 | 06/05/09 23:28 / aa |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

C09050548-016

Client Sample ID: M-116

Lost Creek

Report Date: 07/06/09 Collection Date: 05/18/09 DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 226 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha precision (±) | 6.7 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta | 59.4 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta precision (±) | 2.4 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Radium 226 | 0.62 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 226 precision (±) | 0,22 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 226 MDC | 0.24 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 228 | 2.0 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -5.69 | % | | | | Calculation | 06/08/09 08:38 / kbh |
| Anions | 4.71 | meq/L | | | | Calculation | 06/08/09 08:38 / kbh |
| Cations | 4.20 | meq/L | | | | Calculation | 06/08/09 08:38 / kbh |
| Solids, Total Dissolved Calculated | 291 | mg/L | | | | Calculation | 06/08/09 08:38 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 06/08/09 08:38 / kbh |

⁻ The Anion / Cation balance was confirmed by re-analysis.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-017

Client Sample ID: M-117

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| | | | | MCL/ | | |
|--------|---|---|---|---|--|---|
| Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| | | | | | | |
| 108 | mg/L | | 1 | | A2320 B | 05/21/09 22:23 / ljl |
| ND | mg/L | | 1 | | A2320 B | 05/21/09 22:23 / Iji |
| 132 | mg/L | | 1 | | A2320 B | 05/21/09 22:23 / Iji |
| 54 | mg/L | | 1 | | E200.7 | 05/29/09 04:23 / rdw |
| 5 | mg/L | | 1 | | E300.0 | 05/26/09 19:11 / lil |
| 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 10:58 / Iji |
| 3 | mg/L | | 1 | | E200.7 | 05/29/09 04:23 / rdw |
| ND | mg/L | | 0.05 | | E350.1 | 05/21/09 09:54 / eli-b |
| 0.09 | mg/L | | 0.05 | | E353.2 | 05/21/09 12:21 / eli-b |
| 3 | mg/L | | 1 | | E200.7 | 05/29/09 04:23 / rdw |
| 13.3 | mg/L | | 0.2 | | E200.7 | 05/29/09 04:23 / rdw |
| 33 | mg/L | | 1 | | E200.7 | 05/29/09 04:23 / rdw |
| 120 | mg/L | | 1 | | E300.0 | 05/26/09 19:11 / ljl |
| | | | | | | |
| 455 | umhos/cm | | 1 | | A2510 B | 05/19/09 14:26 / dd |
| • | | | | | | 05/19/09 14:26 / dd |
| 307 | mg/L | | 10 | | A2540 C | 05/20/09 13:30 / rp |
| | | | | | | |
| ND | ma/l | | 0.1 | | E200 B | 05/21/09 01:33 / ts |
| | _ | | | | | 05/21/09 01:33 / ts |
| | • | | | | | 05/21/09 01:33 / ts |
| | = | | | | | 05/29/09 04:23 / rdw |
| | • | | | | | 05/21/09 01:33 / ts |
| | - | | | | | 05/21/09 01:33 / ts |
| | _ | | | | | 05/21/09 01:33 / ts |
| | • | | | | | 05/29/09 04:23 / rdw |
| | - | | | | | 05/21/09 01:33 / ts |
| 0.06 | - | | | | | 05/21/09 01:33 / ts |
| | • | | | | | 05/21/09 01:33 / ts |
| | • | | | | | 05/21/09 01:33 / ts |
| | - | | | | | 05/21/09 01:33 / ts |
| 0.011 | - | 1 | 0.001 | | | 05/21/09 01:33 / ts |
| 0.175 | - | | | | _ | 05/21/09 01:33 / ts |
| ND | • | _ | | | | 05/21/09 01:33 / ts |
| ND | mg/L | | 0.01 | | E200.8 | 06/01/09 21:25 / sml |
| | | | | | | |
| ND | ma/i | | 0.03 | | F200 7 | 06/05/09 23:34 / aae |
| 0.06 | mg/L | D | 0.02 | | E200.7 | 06/05/09 23:34 / aae |
| | 108 ND 132 54 5 0.2 3 ND 0.09 3 13.3 33 120 455 8.12 307 ND | ND mg/L 132 mg/L 54 mg/L 5 mg/L 5 mg/L 0.2 mg/L 3 mg/L ND mg/L 0.09 mg/L 3 mg/L 13.3 mg/L 120 mg/L 120 mg/L ND mg/L | 108 mg/L ND mg/L 132 mg/L 54 mg/L 5 mg/L 0.2 mg/L 3 mg/L ND mg/L 0.09 mg/L 3 mg/L 13.3 mg/L 120 mg/L 120 mg/L ND mg/L | 108 mg/L 1 ND mg/L 1 132 mg/L 1 54 mg/L 1 5 mg/L 1 0.2 mg/L 0.1 3 mg/L 0.05 0.09 mg/L 0.05 0.09 mg/L 0.2 33 mg/L 1 120 mg/L 1 120 mg/L 1 100.02 0.01 0.02 mg/L 1 0.02 0.05 0.09 mg/L 0.05 0.09 mg/L 0.05 0.09 mg/L 1 0.05 0.09 mg/L 0.2 0.2 0.3 mg/L 1 0.2 0.2 0.3 mg/L 1 0.2 0.2 0.1 0.00 mg/L 0.1 0.01 0.00 mg/L 0.01 0.00 mg/L 0.01 0.00 mg/L 0.01 0.00 mg/L 0.05 0.01 0.06 mg/L 0.01 0.07 0.08 mg/L 0.001 0.09 mg/L 0.001 0.09 mg/L 0.001 0.09 mg/L 0.001 | 108 mg/L 1 ND mg/L 1 132 mg/L 1 54 mg/L 1 5 mg/L 1 0.2 mg/L 0.1 3 mg/L 0.1 3 mg/L 0.05 0.09 mg/L 0.05 3 mg/L 1 13.3 mg/L 1 120 mg/L 1 10.02 mg/L 1 10.05 0.09 mg/L 0.05 0.09 mg/L 1 10.05 0.09 mg/L 0.05 0.09 mg/L 1 10.05 0.09 mg/L 0.05 0.09 mg/L 0.2 0.1 0.2 0.33 mg/L 1 0.2 0.33 mg/L 1 0.01 0.002 mg/L 0.01 0.001 0.002 mg/L 0.01 0.005 0.005 0.001 0.005 0.005 0.001 0.006 0.001 0.006 0.001 0.006 0.001 0.006 0.001 0.006 0.001 0.006 0.001 0.006 0.001 0.006 0.001 0.006 0.001 0.006 0.001 0.001 0.006 0.001 0.006 0.001 0.006 0.001 0.006 0.001 0.006 0.001 0.006 0.001 0.006 0.001 0.006 0.001 0.006 0.001 0.006 0.001 0.006 0.001 0.0003 0.001 0.0003 0.001 0.0003 0.001 0.0003 0.001 | 108 mg/L 1 A2320 B ND mg/L 1 A2320 B 132 mg/L 1 A2320 B 54 mg/L 1 E200.7 5 mg/L 1 E200.7 5 mg/L 1 E200.7 ND mg/L 0.1 A4500-F C 3 mg/L 1 E200.7 ND mg/L 0.05 E356.1 0.09 mg/L 0.05 E356.1 0.09 mg/L 0.05 E356.1 3 mg/L 1 E200.7 13.3 mg/L 1 E200.7 13.3 mg/L 1 E200.7 13.3 mg/L 1 E200.7 120 mg/L 1 E200.7 130.0 455 umhos/cm 1 A2510 B 8.12 s.u. 0.01 A4500-H B 307 mg/L 0.1 E200.8 ND mg/L 0.001 E200.8 ND mg/L 0.005 E200.8 ND mg/L 0.005 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.001 E200.8 |

Report

RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-017

Client Sample ID: M-117

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|----------------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 207 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha precision (±) | 6.4 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta | 59.1 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta precision (±) | 2.4 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Radium 226 | 0.81 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 226 precision (±) | 0.23 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 226 MDC | 0.23 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 228 | 1.1 | pCi/L | U | | | RA-05 | 05/28/09 14:08 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | - 3 .79 | % | | | | Calculation | 06/01/09 13:02 / ks |
| Anions | 4.81 | meq/L | | | | Calculation | 06/01/09 13:02 / ks |
| Cations | 4.46 | meq/L | | | | Calculation | 06/01/09 13:02 / ks |
| Solids, Total Dissolved Calculated | 301 | mg/L | | | | Calculation | 06/01/09 13:02 / ks |
| TDS Balance (0.80 - 1.20) | 1.02 | • | | | | Calculation | 06/01/09 13:02 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-018

Client Sample ID: M-118

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | • | | | | | | |
| Alkalinity, Total as CaCO3 | 104 | mg/L | | 1 | | A2320 B | 05/21/09 22:30 / lji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/21/09 22:30 / Iji |
| Bicarbonate as HCO3 | 127 | mg/L | | 1 | | A2320 B | 05/21/09 22:30 / ljl |
| Calcium | 61 | mg/L | | 1 | | E200.7 | 05/29/09 04:34 / rdw |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/26/09 19:26 / i |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 11:00 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/29/09 04:34 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/21/09 09:55 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 12:22 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/29/09 04:34 / rdw |
| Silica | 14.2 | mg/L | | 0.2 | | E200.7 | 05/29/09 04:34 / rdw |
| Sodium | 38 | mg/L | | 1 | | E200.7 | 05/29/09 04:34 / rdw |
| Sulfate | 147 | mg/L | | 1 | | E300.0 | 05/26/09 19:26 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 502 | umhos/cm | | 1 | | A2510 B | 05/19/09 14:28 / dd |
| ρΗ | 8.03 | s.u. | | 0.01 | | A4500-H B | 05/19/09 14:28 / dd |
| Solids, Total Dissolved TDS @ 180 C | 350 | mg/L | | 10 | | A2540 C | 05/20/09 13:30 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 01:39 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/21/09 01:39 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 01:39 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 04:34 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/21/09 01:39 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 01:39 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/21/09 01:39 / ts |
| ron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 04:34 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 01:39 / ts |
| Vlanganese | ND | mg/L | | 0.01 | | E200.8 | 05/21/09 01:39 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 01:39 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 01:39 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 01:39 / ts |
| Selenium | 0.002 | mg/L | | 0.001 | | E200.8 | 05/21/09 01:39 / ts |
| Jranium | 0.185 | mg/L | (| 0.0003 | | E200.8 | 05/21/09 01:39 / ts |
| <i>V</i> anadium | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 01:39 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/01/09 21:32 / sml |
| METALS - TOTAL | | | | | | | |
| ron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 23:45 / aae |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | -3.00.00 E0.70 GBC |

Report

RL - Analyte reporting limit.

Definitions: QCL - Quality control limit. MCL - Maximum contaminant level.

ND - Not detected at the reporting limit. D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-018

Client Sample ID: M-118

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | - |
| Gross Alpha | 301 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha precision (±) | 7.8 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta | 82.7 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta precision (±) | 2.7 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Radium 226 | 19 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 226 precision (±) | 0.91 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 226 MDC | 0.23 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 228 | 1.4 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.82 | % | | | | Calculation | 06/01/09 13:02 / ks |
| Anions | 5.29 | meq/L | | | | Calculation | 06/01/09 13:02 / ks |
| Cations | 5.00 | meq/L | | | | Calculation | 06/01/09 13:02 / ks |
| Solids, Total Dissolved Calculated | 337 | mg/L | | | | Calculation | 06/01/09 13:02 / ks |
| TDS Balance (0.80 - 1.20) | 1.04 | _ | | | | Calculation | 06/01/09 13:02 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-019

Client Sample ID: M-120A

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|--------------|------------------------|
| MAJOR IONS | | | | | | . | |
| Alkalinity, Total as CaCO3 | 17 | mg/L | | 1 | | A2320 B | 05/21/09 22:37 / Iji |
| Carbonate as CO3 | 3 | mg/L | | 1 | | A2320 B | 05/21/09 22:37 / lji |
| Bicarbonate as HCO3 | 16 | mg/L | | 1 | | A2320 B | 05/21/09 22:37 / ljl |
| Calcium | 27 | mg/L | | 1 | | E200.7 | 05/29/09 04:40 / rdw |
| Chloride | 21 | mg/L | | 1 | | E300.0 | 05/26/09 19:42 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 11:08 / lji |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 05/29/09 04:40 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/21/09 09:56 / eli-t |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 12:23 / eli-k |
| Potassium | 6 | mg/L | | 1 | | E200.7 | 05/29/09 04:40 / rdw |
| Silica | 14.0 | mg/L | | 0.2 | | E200.7 | 05/29/09 04:40 / rdw |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 05/29/09 04:40 / rdw |
| Sulfate | 103 | mg/L | | 1 | | E300.0 | 05/26/09 19:42 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 345 | umhos/cm | | 1 | | A2510 B | 05/19/09 14:30 / dd |
| oH | 9.47 | s.u. | | 0.01 | | A4500-H B | 05/19/09 14:30 / dd |
| Solids, Total Dissolved TDS @ 180 C | 224 | mg/L | | 10 | | A2540 C | 05/20/09 13:31 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 01:46 / ts |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 05/21/09 01:46 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 01:46 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 04:40 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/21/09 01:46 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 01:46 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/21/09 01:46 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 04:40 / rdw |
| _ead | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 01:46 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/21/09 01:46 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 01:46 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 01:46 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 01:46 / ts |
| Selenium | 0.001 | mg/L | | 0.001 | | E200.8 | 05/21/09 01:46 / ts |
| Jranium | 0.0440 | mg/L | | 0.0003 | | E200.8 | 05/21/09 01:46 / ts |
| /anadium | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 01:46 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/01/09 22:07 / sml |
| METALS - TOTAL | | | | | | | |
| ron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 23:50 / aae |
| Vanganese | ND | mg/L | D | 0.02 | | E200.7 | 06/05/09 23:50 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc.

Project:

Lost Creek

Lab ID:

C09050548-019

Client Sample ID: M-120A

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | - | | | | • | |
| Gross Alpha | 45.4 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha precision (±) | 3.2 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta | 18.5 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Radium 226 | 0.43 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 226 precision (±) | 0.18 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 228 | 1.2 | pCi/L | U | | | RA-05 | 05/28/09 14:08 / pli |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.461 | % | | | | Calculation | 06/01/09 13:02 / ks |
| Anions | 3.10 | meq/L | | | | Calculation | 06/01/09 13:02 / ks |
| Cations | 3.13 | meq/L | | | | Calculation | 06/01/09 13:02 / ks |
| Solids, Total Dissolved Calculated | 221 | mg/L | | | | Calculation | 06/01/09 13:02 / ks |
| TDS Balance (0.80 - 1.20) | 1.01 | - | | | | Calculation | 06/01/09 13:02 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-020

Client Sample ID: M-121

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 1 1 1 0.1 1 0.05 0.05 1 0.2 1 1 | | A2320 B A2320 B A2320 B E200.7 E300.0 A4500-F C E200.7 E350.1 E353.2 E200.7 E200.7 E200.7 E300.0 A2510 B A4500-H B A2540 C | 05/21/09 22:44 / Iji 05/21/09 22:44 / Iji 05/21/09 22:44 / Iji 05/29/09 05:02 / rdw 05/26/09 19:57 / Iji 05/21/09 11:24 / Iji 05/29/09 05:02 / rdw 05/21/09 09:57 / eli-b 05/21/09 12:32 / eli-b 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/29/09 19:57 / Iji 05/19/09 14:32 / dd 05/19/09 14:32 / dd 05/19/09 13:31 / rp |
|---|--|---------------------------------|--|--|---|---|
| • | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 1 1 0.1 1 0.05 0.05 1 0.2 1 1 | | A2320 B A2320 B E200.7 E300.0 A4500-F C E200.7 E350.1 E353.2 E200.7 E200.7 E300.0 | 05/21/09 22:44 / IJI 05/21/09 22:44 / IJI 05/29/09 05:02 / rdw 05/26/09 19:57 / IJI 05/21/09 11:24 / IJI 05/29/09 05:02 / rdw 05/21/09 09:57 / eli-b 05/21/09 12:32 / eli-b 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/29/09 19:57 / IJI |
| • | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 1 1 0.1 1 0.05 0.05 1 0.2 1 1 | | A2320 B A2320 B E200.7 E300.0 A4500-F C E200.7 E350.1 E353.2 E200.7 E200.7 E300.0 | 05/21/09 22:44 / IJI 05/21/09 22:44 / IJI 05/29/09 05:02 / rdw 05/26/09 19:57 / IJI 05/21/09 11:24 / IJI 05/29/09 05:02 / rdw 05/21/09 09:57 / eli-b 05/21/09 12:32 / eli-b 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/29/09 19:57 / IJI |
| | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 1 0.1 1 0.05 0.05 1 0.2 1 1 | | A2320 B E200.7 E300.0 A4500-F C E200.7 E350.1 E353.2 E200.7 E200.7 E300.0 | 05/21/09 22:44 / ljl 05/29/09 05:02 / rdw 05/26/09 19:57 / ljl 05/21/09 11:24 / ljl 05/29/09 05:02 / rdw 05/21/09 09:57 / eli-b 05/21/09 12:32 / eli-b 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/29/09 19:57 / ljl 05/19/09 14:32 / dd 05/19/09 14:32 / dd |
| | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 0.1 1 0.05 0.05 1 0.2 1 1 | | E200.7 E300.0 A4500-F C E200.7 E350.1 E353.2 E200.7 E200.7 E300.0 | 05/29/09 05:02 / rdw 05/26/09 19:57 / ljl 05/21/09 11:24 / ljl 05/29/09 05:02 / rdw 05/21/09 09:57 / eli-b 05/21/09 12:32 / eli-b 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/29/09 19:57 / ljl 05/19/09 14:32 / dd 05/19/09 14:32 / dd |
| | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 0.1 1 0.05 0.05 1 0.2 1 1 | | E300.0 A4500-F C E200.7 E350.1 E353.2 E200.7 E200.7 E300.0 | 05/26/09 19:57 / Ijl 05/21/09 11:24 / Ijl 05/29/09 05:02 / rdw 05/21/09 09:57 / eli-b 05/21/09 12:32 / eli-b 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/29/09 19:57 / Ijl 05/19/09 14:32 / dd 05/19/09 14:32 / dd |
| | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 0.1 1 0.05 0.05 1 0.2 1 1 | | A4500-F C E200.7 E350.1 E353.2 E200.7 E200.7 E300.0 A2510 B A4500-H B | 05/21/09 11:24 / j 05/29/09 05:02 / rdw 05/21/09 09:57 / eli-b 05/21/09 12:32 / eli-b 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/29/09 19:57 / j 05/19/09 14:32 / dd 05/19/09 14:32 / dd |
| | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 0.05 0.05 1 0.2 1 1 | | E200.7 E350.1 E353.2 E200.7 E200.7 E200.7 E300.0 | 05/29/09 05:02 / rdw 05/21/09 09:57 / eli-b 05/21/09 12:32 / eli-b 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/26/09 19:57 / ljl |
| | mg/L mg/L mg/L mg/L mg/L mg/L umhos/cm s.u. mg/L | | 0.05 0.05 1 0.2 1 1 | | E350.1 E353.2 E200.7 E200.7 E200.7 E300.0 | 05/21/09 09:57 / eli-b 05/21/09 12:32 / eli-b 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/26/09 19:57 / ljl 05/19/09 14:32 / dd 05/19/09 14:32 / dd |
| | mg/L mg/L mg/L mg/L mg/L umhos/cm s.u. mg/L | | 0.05 1 0.2 1 1 1 | | E353.2 E200.7 E200.7 E200.7 E300.0 | 05/21/09 12:32 / eli-b 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/26/09 19:57 / ljl 05/19/09 14:32 / dd 05/19/09 14:32 / dd |
| | mg/L mg/L mg/L mg/L umhos/cm s.u. mg/L | | 1 0.2 1 1 1 | | E200.7 E200.7 E200.7 E300.0 A2510 B A4500-H B | 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/26/09 19:57 / ljl 05/19/09 14:32 / dd 05/19/09 14:32 / dd |
| | mg/L mg/L mg/L umhos/cm s.u. mg/L | | 0.2 1 1 1 0.01 | | E200.7 E200.7 E300.0 A2510 B A4500-H B | 05/29/09 05:02 / rdw 05/29/09 05:02 / rdw 05/26/09 19:57 / IJI 05/19/09 14:32 / dd 05/19/09 14:32 / dd |
| | mg/L mg/L umhos/cm s.u. mg/L | | 1 1 0.01 | | E200.7 E300.0 A2510 B A4500-H B | 05/29/09 05:02 / rdw 05/26/09 19:57 / ljl 05/19/09 14:32 / dd 05/19/09 14:32 / dd |
| | mg/L umhos/cm s.u. mg/L | | 1 1 0.01 | | E300.0 A2510 B A4500-H B | 05/26/09 19:57 / IJI 05/19/09 14:32 / dd 05/19/09 14:32 / dd |
| | s.u. mg/L | | 0.01 | | A4500-H B | 05/19/09 14:32 / dd |
| | s.u. mg/L | | 0.01 | | A4500-H B | 05/19/09 14:32 / dd |
| | s.u. mg/L | | 0.01 | | A4500-H B | 05/19/09 14:32 / dd |
| | mg/L | | | | | |
| | ma(l | | | | | |
| | mall | | | | | |
| | 111071 | | 0.1 | | E200.8 | 05/21/09 01:53 / ts |
| 3 | mg/L | | 0.001 | | E200.8 | 05/21/09 01:53 / ts |
| | mg/L | | 0.1 | | E200.8 | 05/21/09 01:53 / ts |
| | mg/L | | 0.1 | | E200.7 | 05/29/09 05:02 / rdw |
| | mg/L | | 0.005 | | E200.8 | 05/21/09 01:53 / ts |
| | mg/L | | 0.05 | | E200.8 | 05/21/09 01:53 / ts |
| | mg/L | | 0.01 | | E200.8 | 05/21/09 01:53 / ts |
| | mg/L | | 0.03 | | E200.7 | 05/29/09 05:02 / rdw |
| | mg/L | | 0.001 | | E200.8 | 05/21/09 01:53 / ts |
| | mg/L | | 0.01 | | E200.8 | 05/21/09 01:53 / ts |
| | mg/L | | 0.001 | | E200.8 | 05/21/09 01:53 / ts |
| | - | | | | | 05/21/09 01:53 / ts |
| | _ | | | | | 05/21/09 01:53 / ts |
| | - | | | | | 05/21/09 01:53 / ts |
| 3 | • | | | | | 05/21/09 01:53 / ts |
| _ | • | | | | | 05/21/09 01:53 / ts |
| | mg/L | | 0.01 | | E200.8 | 06/01/09 22:34 / sml |
| | | | | | | |
| | ma/l | | ሰበ፣ | | E200.7 | 06/06/09 00:13 / aae |
| | | | 0.03 | | | 06/06/09 00:13 / aae |
| | 93 | mg/L mg/L 93 mg/L mg/L | mg/L mg/L 33 mg/L mg/L mg/L | mg/L 0.05 mg/L 0.001 33 mg/L 0.0003 mg/L 0.1 mg/L 0.01 mg/L 0.01 | mg/L 0.05 mg/L 0.001 93 mg/L 0.0003 mg/L 0.1 mg/L 0.01 | mg/L 0.05 E200.8 mg/L 0.001 E200.8 mg/L 0.0003 E200.8 mg/L 0.1 E200.8 mg/L 0.01 E200.8 mg/L 0.01 E200.8 |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-020

Client Sample ID: M-121

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | - | | |
| Gross Alpha | 71.5 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha precision (±) | 3.9 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta | 18.3 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Radium 226 | 1.0 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 226 precision (±) | 0.24 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 228 | 1.0 | pCi/L | U | | | RA-05 | 05/28/09 14:08 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.69 | % | | | | Calculation | 06/01/09 13:03 / ks |
| Anions | 5.13 | meq/L | | | | Calculation | 06/01/09 13:03 / ks |
| Cations | 4.67 | meq/L | | | | Calculation | 06/01/09 13:03 / ks |
| Solids, Total Dissolved Calculated | 321 | mg/L | | | | Calculation | 06/01/09 13:03 / ks |
| TDS Balance (0.80 - 1.20) | 1.01 | - | | | | Calculation | 06/01/09 13:03 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-021

Client Sample ID: M-129

Report Date: 07/06/09

Collection Date: 05/18/09 DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | - | | | | | | |
| Alkalinity, Total as CaCO3 | 109 | mg/L | | 1 | | A2320 B | 05/21/09 22:51 / Iji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/21/09 22:51 / Iil |
| Bicarbonate as HCO3 | 133 | mg/L | | 1 | | A2320 B | 05/21/09 22:51 / ljl |
| Calcium | 68 | mg/L | | 1 | | E200.7 | 05/29/09 05:19 / rdw |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/26/09 20:12 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 11:26 / |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 05/29/09 05:19 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/21/09 10:01 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 12:34 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 05/29/09 05:19 / rdw |
| Silica | 13.5 | mg/L | | 0.2 | | E200.7 | 05/29/09 05:19 / rdw |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 05/29/09 05:19 / rdw |
| Sulfate | 148 | mg/L | | 1 | | E300.0 | 05/26/09 20:12 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 507 | umhos/cm | | 1 | | A2510 B | 05/19/09 14:34 / dd |
| Н | 7.97 | s.u. | | 0.01 | | A4500-H B | 05/19/09 14:34 / dd |
| Solids, Total Dissolved TDS @ 180 C | 334 | mg/L | | 10 | | A2540 C | 05/20/09 13:31 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 02:20 / ts |
| Arsenic | 0.054 | mg/L | | 0.001 | | E200.8 | 05/21/09 02:20 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 02:20 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 05:19 / rdw |
| Cadmium | 0.050 | mg/L | | 0.005 | | E200.8 | 05/21/09 02:20 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 02:20 / ts |
| Copper | 0.05 | mg/L | | 0.01 | | E200.8 | 05/21/09 02:20 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 05:19 / rdw |
| Lead | 0.049 | mg/L | | 0.001 | | E200.8 | 05/21/09 02:20 / ts |
| Manganese | 0.08 | mg/L | | 0.01 | | E200.8 | 05/21/09 02:20 / ts |
| Mercury | 0.005 | mg/L | | 0.001 | | E200.8 | 05/21/09 02:20 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 02:20 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 02:20 / ts |
| Selenium | 0.052 | mg/L | | 0.001 | | E200.8 | 05/21/09 02:20 / ts |
| Uranium | 0.0908 | mg/L | | 0.0003 | | E200.8 | 05/21/09 02:20 / ts |
| Vanadium | ND | mg/L | ` | 0.1 | | E200.8 | 05/21/09 02:20 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/01/09 22:41 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 0.06 | mg/L | | 0.03 | | E200.7 | 06/06/09 00:18 / aae |
| Manganese Manganese | ND | mg/L | D | 0.02 | | E200.7 | 06/06/09 00:18 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level,

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-021

Client Sample ID: M-129

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | • | | | | | | |
| Gross Alpha | 186 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha precision (±) | 6.3 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta | 72.2 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta precision (±) | 2.6 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Radium 226 | 26 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 226 precision (±) | 1.0 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/01/09 18:02 / jah |
| Radium 228 | 3.4 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.17 | % | | | | Calculation | 06/01/09 13:04 / ks |
| Anions | 5.42 | meq/L | | | | Calculation | 06/01/09 13:04 / ks |
| Cations | 4.99 | meq/L | | | | Calculation | 06/01/09 13:04 / ks |
| Solids, Total Dissolved Calculated | 339 | mg/L | | | | Calculation | 06/01/09 13:04 / ks |
| TDS Balance (0.80 - 1.20) | 0.990 | | | | | Calculation | 06/01/09 13:04 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-022

Client Sample ID: M-130

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | , | | |
| Alkalinity, Total as CaCO3 | 1 | mg/L | | 1 | | A2320 B | 05/21/09 23:20 / lji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/21/09 23:20 / lji |
| Bicarbonate as HCO3 | 1 | mg/L | | 1 | | A2320 B | 05/21/09 23:20 / ljl |
| Calcium | ND | mg/L | | 1 | | E200.7 | 05/29/09 05:24 / rdw |
| Chloride | ND | mg/L | | 1 | | E300.0 | 05/26/09 20:28 / lil |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 05/21/09 11:33 / lil |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 05/29/09 05:24 / rdw |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/21/09 10:05 / eli-k |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/21/09 12:29 / eli-k |
| Potassium | ND | mg/L | | 1 | | E200.7 | 05/29/09 05:24 / rdw |
| Silica | ND | mg/L | | 0.2 | | E200.7 | 05/29/09 05:24 / rdw |
| Sodium | ND | mg/L | | 1 | | E200.7 | 05/29/09 05:24 / rdw |
| Sulfate | ND | mg/L | | 1 | | E300.0 | 05/26/09 20:28 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 1 | umhos/cm | | 1 | | A2510 B | 05/19/09 14:39 / dd |
| pH | 6.01 | s.u. | | 0.01 | | A4500-H B | 05/19/09 14:39 / dd |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | | 10 | | A2540 C | 05/20/09 13:31 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 02:54 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 02:54 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 02:54 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 05/29/09 05:24 / rdw |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/21/09 02:54 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 02:54 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/21/09 02:54 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 05/29/09 05:24 / rdw |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 02:54 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/21/09 02:54 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 02:54 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 02:54 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/21/09 02:54 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/21/09 02:54 / ts |
| Uranium | ND | mg/L | | 0.0003 | | E200.8 | 05/21/09 02:54 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/21/09 02:54 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/01/09 22:47 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/06/09 00:23 / aae |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 06/06/09 00:23 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050548-022

Client Sample ID: M-130

Report Date: 07/06/09

Collection Date: 05/18/09

DateReceived: 05/19/09

Matrix: Aqueous

| · · · · · · · · · · · · · · · · · | | | | | | | |
|-----------------------------------|---------|-------|------------|----|-------------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | , | | | |
| Gross Alpha | -0.2 | pCi/L | U | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha precision (±) | 0.5 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Alpha MDC | 0.9 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta | -0.8 | pCi/L | U | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta precision (±) | 1.5 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 06/10/09 22:44 / cgr |
| Radium 226 | -0.2 | pCi/L | U | | | E903.0 | 06/01/09 22:07 / jah |
| Radium 226 precision (±) | 0.08 | pCi/L | | | | E903.0 | 06/01/09 22:07 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/01/09 22:07 / jah |
| Radium 228 | -0.3 | pCi/L | U | | | RA-05 | 05/28/09 14:08 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 05/28/09 14:08 / plj |
| DATA QUALITY | | | | | | • | |
| A/C Balance (± 5) | -86.9 | % | | | | Calculation | 06/01/09 13:05 / ks |
| Anions | 0.0216 | meg/L | | | | Calculation | 06/01/09 13:05 / ks |
| Cations | 0.00151 | meg/L | | | | Calculation | 06/01/09 13:05 / ks |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level. ND - Not detected at the reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

05/19/09 13:17

RL %REC Low Limit High Limit RPD RPDLimit Qual Analyte Count Result Units Batch: R118490 Method: A2320 B Sample ID: MBLK 3 Method Blank Run: MANTECH_090521B 05/21/09 15:56 Alkalinity, Total as CaCO3 3 mg/L 0.2 Carbonate as CO3 ND mg/L 1 Bicarbonate as HCO3 3 1 mg/L Sample ID: LCS1 Run: MANTECH_090521B 05/21/09 16:11 **Laboratory Control Sample** Alkalinity, Total as CaCO3 205 mg/L 5.0 101 90 110 Sample ID: LCS Laboratory Control Sample Run: MANTECH_090521B 05/21/09 16:18 5.0 102 Alkalinity, Total as CaCO3 53.6 mg/L 90 Sample ID: C09050548-002AMS Run: MANTECH_090521B 05/21/09 20:03 Sample Matrix Spike 120 Alkalinity, Total as CaCO3 256 mg/L 5.0 101 80 Sample ID: C09050548-002AMSD Sample Matrix Spike Duplicate Run: MANTECH 090521B 05/21/09 20:10 20 5.0 102 80 120 0.5 Alkalinity, Total as CaCO3 258 mg/L Sample ID: C09050548-012AMS Sample Matrix Spike Run: MANTECH_090521B 05/21/09 21:39 Alkalinity, Total as CaCO3 238 5.0 100 80 120 mg/L Sample ID: C09050548-012AMSD Sample Matrix Spike Duplicate Run: MANTECH_090521B 05/21/09 21:47 5.0 102 120 20 80 1.1 Alkalinity, Total as CaCO3 241 mg/L Sample ID: C09050548-022AMS Run: MANTECH_090521B 05/21/09 23:27 Sample Matrix Spike Alkalinity, Total as CaCO3 129 5.0 103 80 mg/L Run: MANTECH_090521B 05/21/09 23:35 Sample ID: C09050548-022AMSD Sample Matrix Spike Duplicate Alkalinity, Total as CaCO3 129 mg/L 5.0 102 80 0.2 20 Analytical Run: ORION555A_090519A A2510 B Method:

| Conductivity | 1400 umhos/cm | 1.0 | 99 | 90 | 110 | | |
|------------------------------|------------------|-----|----|-------------|------------|------------|-----------------|
| Method: A2510 B | | | | | Bato | ch: 090519 | 9_1_PH-W_555A-2 |
| Sample ID: MBLK1_090519_1 | Method Blank | | Ri | un: ORION55 | 5A_090519A | | 05/19/09 13:13 |
| Conductivity | 0.8 umhos/cm | 0.2 | | | | | |
| Sample ID: C09050548-003ADUP | Sample Duplicate | | Ri | un: ORION55 | 5A_090519A | | 05/19/09 13:45 |
| Conductivity | 818 umhos/cm | 1.0 | | | | 0.2 | 10 |
| Sample ID: C09050548-013ADUP | Sample Duplicate | | R | un: ORION55 | 5A_090519A | | 05/19/09 14:09 |
| Conductivity | 447 umhos/cm | 1.0 | | | | 0.2 | 10 |

Initial Calibration Verification Standard

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

Sample ID: ICV2_090519_1

Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/06/09

Work Order: C09050548

| Analyte Cou | nt Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--|-----------------------|-------------------------|---------------|------|------------------|-------------|------------|------------|---|
| Method: A2540 C | | | | | | | Batch: 090 | 0519_2_SL0 | S-TDS-V |
| Sample ID: MBLK1_090519 | Method Blank | | | | Run: BAL-1 | _090519C | | 05/19 | /09 15:31 |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | 6 | | | | | | |
| Sample ID: LCS1_090519 | Laboratory Con | trol Sample | | | Run: BAL-1 | 090519C | | 05/19 | 9/09 15:31 |
| Solids, Total Dissolved TDS @ 180 C | 988 | mg/L | 10 | 99 | 90 | 110 | | | |
| | | | | | D DAL 4 | 0005400 | | 05/4/ | 9/09 00:00 |
| Sample ID: C09050548-003AMS | Sample Matrix | • | 10 | 102 | Run: BAL-1 90 | 110 | | 05/18 | 709 UU.UC |
| Solids, Total Dissolved TDS @ 180 C | 2640 | mg/L | 10 | 102 | 30 | 110 | | | |
| Sample ID: C09050548-003AMSD | Sample Matrix | Spike Duplicate | | | Run: BAL-1 | _ | | | 9/09 00:00 |
| Solids, Total Dissolved TDS @ 180 C | 2630 | mg/L | 10 | 101 | 90 | 110 | 0.5 | 10 | *. |
| Method: A2540 C | · | | | | | | Batch: 090 | 0520_2_SLI | S-TDS-V |
| Sample ID: MBLK1_ | Method Blank | | | | Run: BAL-1 | _090520A | | 05/20 | 0/09 13:22 |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | 6 | | | | | | |
| Sample ID: LCS1_ | Laboratory Con | trol Sample | | | Run: BAL-1 | 090520A | | 05/20 |)/09 13:22 |
| Solids, Total Dissolved TDS @ 180 C | 990 | mg/L | 10 | 99 | 90 | 110 | | | |
| · - | | _ | | | | | | 0.5.10 | NOO 40-00 |
| Sample ID: C09050548-005AMS | Sample Matrix | • | 40 | 400 | Run: BAL-1 | _ | | 05/20 | 0/09 13:26 |
| Solids, Total Dissolved TDS @ 180 C | 2520 | mg/L | 10 | 102 | 90 | 110 | | | |
| Sample ID: C09050548-005AMSD | Sample Matrix | Spike Duplicate | | | Run: BAL-1 | _090520A | | 05/20 |)/09 13:26 |
| Solids, Total Dissolved TDS @ 180 C | 2490 | mg/L | 10 | 101 | 90 | 110 | 1 | 10 | |
| Sample ID: C09050548-015AMS | Sample Matrix | Spike | | | Run: BAL-1 | _090520A | | 05/20 | 0/09 13:29 |
| Solids, Total Dissolved TDS @ 180 C | 2290 | mg/L | 10 | 100 | 90 | 110 | | | |
| Sample ID: C09050548-015AMSD | Sample Matrix | Spike Duplicate | | | Run: BAL-1 | 090520A | | 05/20 | 0/09 13:29 |
| Solids, Total Dissolved TDS @ 180 C | 2280 | mg/L | 10 | 99 | | 110 | 8.0 | 10 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| | | | | | | | | D-4-1 | D11010 |
| Method: A4500-F C | | | | | | | | | i: R11848 |
| Sample ID: MBLK-1 | Method Blank | | 0.05 | | Run: MANT | ECH_090521 | A | 05/2 | 1/09 09:39 |
| Fluoride | ND | mg/L | 0.05 | | | | | | |
| Sample ID: LCS-1 | Laboratory Cor | itrol Sample | | | Run: MANT | TECH_090521 | Α | 05/2 | 1/09 09:45 |
| Fluoride | 0.980 | mg/L | 0.10 | 98 | 90 | 110 | | | |
| Sample ID: C09050548-008AMS | Sample Matrix | Spike | | | Run: MAN1 | TECH_090521 | Α | 05/2 | 1/09 10:18 |
| Fluoride | 1.17 | mg/L | 0.10 | 104 | | 120 | | | |
| C | Camala Matrix | Snike Duplicate | | | Dun MANI | TECH_090521 | Δ | 05/2 | 1/09 10:18 |
| Sample ID: C09050548-008AMSD Fluoride | 5ample Matrix 1.17 | Spike Duplicate mg/L | 0.10 | 104 | | 120 | ^ o | 10 | ,,00 10.10 |
| i iquilae | | • | Ų. 1 U | 107 | | | | | |
| Sample ID: C09050548-018AMS | Sample Matrix | • | | | | FECH_090521 | Α | 05/2 | 1/09 11:0 |
| Fluoride | 1.19 | mg/L | 0.10 | 101 | 80 | 120 | | | |
| Sample ID: C09050548-018AMSD | Sample Matrix | Spike Duplicate | | | Run: MAN | TECH_090521 | Α | 05/2 | 1/09 11:0 |
| Fluoride | 1.19 | mg/L | 0.10 | 101 | 80 | 120 | 0 | 10 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602 Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/06/09

Work Order: C09050548

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------|-----------|----------------|-----------------|----------|------|-----------|--------------|------------|-------------|-----------|
| Method: A4500-H B | | | | | | | Analytic | cal Run: 0 | ORION555A | _090519A |
| Sample ID: ICV1_090519_ | 1 Initi | ial Calibratio | on Verification | Standard | | | | | 05/19 | /09 13:15 |
| рН | | 6.89 | s.u. | 0.010 | 100 | 98 | 102 | | | |
| Method: A4500-H B | - | | | | | | В | atch: 090 |)519_1_PH-\ | N_555A-2 |
| Sample ID: C09050548-00 | 3ADUP Sar | mple Duplic | ate | | | Run: ORIO | N555A_090519 | Α | 05/19 | /09 13:45 |
| рH | | 7.75 | s.u. | 0.010 | | | | 0.1 | 10 | |
| Sample ID: C09050548-01 | 3ADUP Sar | mple Duplic | ate | | | Run: ORIO | N555A_090519 | Α | 05/19 | /09 14:09 |
| pH | | 8.08 | s.u. | 0.010 | | | | 0.1 | 10 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/06/09

Work Order: C09050548

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limlt | RPD RF | PDLimit | Qual |
|-----------------------------|---------------|---------------|-----------------|----------|------|-------------|------------|--------|----------|----------|
| Method: E200.7 | | | | | | | | | Batch: 1 | R118774 |
| Sample ID: LRB | 8 N | lethod Blank | | | | Run: ICP3-0 | C_090528A | | 05/28/0 | 9 15:24 |
| Boron | | ND | mg/L | 0.02 | | | | | | |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Iron | | 0.02 | mg/L | 0.01 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Potassium | | ND | mg/L | 0.03 | | | | | | |
| Silicon | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: LFB | <u>8</u> L | aboratory For | tified Blank | | | Run: ICP3- | C_090528A | | 05/28/ | 09 15:30 |
| Boron | | 1.10 | mg/L | 0,10 | 110 | 85 | 115 | | | |
| Calcium | | 51.7 | mg/L | 0.50 | 103 | 85 | 115 | | | |
| Iron | | 5.60 | mg/L | 0.030 | 112 | | 115 | | | |
| Magnesium | | 52.8 | mg/L | 0.50 | 105 | 85 | 115 | | | |
| Manganese | | 5.39 | mg/L | 0.010 | 108 | 85 | 115 | | | |
| Potassium | | 51.8 | mg/L | 0.50 | 104 | 85 | 115 | | | |
| Silicon | | 11.1 | mg/L | 0.032 | 111 | 85 | 115 | | | |
| Sodium | | 52.5 | mg/L | 0.50 | 105 | 85 | 115 | | | |
| Sample ID: C09050548-002BMS | 8 9 | Sample Matrix | Spike | | | Run: ICP3- | C_090528A | | 05/29/ | 09 02:09 |
| Boron | | 0.491 | mg/L | 0.10 | 96 | 70 | 130 | | | |
| Calcium | | 161 | mg/L | 1.0 | 106 | 70 | 130 | | | |
| Iron | | 0.439 | mg/L | 0.030 | 86 | 70 | 130 | | | |
| Magnesium | | 48.9 | mg/L | 1.0 | 87 | 70 | 130 | | | |
| Manganese | | 0.455 | mg/L | 0.010 | 85 | 70 | 130 | | | |
| Potassium | | 51.8 | mg/L | 1.0 | 93 | 70 | 130 | | | |
| Silicon | | 8.51 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | | 78.4 | mg/L | 1.0 | 93 | 70 | 130 | | | |
| Sample ID: C09050548-002BMS | SD <u>8</u> : | Sample Matrix | Spike Duplicate | = | | Run: ICP3 | -C_090528A | | | /09 02:1 |
| Boron | | 0.475 | mg/L | 0.10 | 93 | 70 | 130 | 3.4 | 20 | |
| Calcium | | 161 | mg/L | 1.0 | 105 | 70 | 130 | 0.2 | 20 | |
| Iron | | 0.435 | mg/L | 0.030 | 85 | 70 | 130 | 1 | 20 | |
| Magnesium | | 47.9 | mg/L | 1.0 | 88 | 70 | 130 | 2 | 20 | |
| Manganese | | 0.458 | mg/L | 0.010 | 85 | 70 | 130 | 0.7 | 20 | |
| Potassium | | 49.7 | mg/L | 1.0 | 89 | 70 | 130 | 4.2 | 20 | |
| Silicon | | 8.62 | mg/L | 0.10 | | 70 | 130 | 1.3 | 20 | Α |
| Sodium | | 76.7 | mg/L | 1.0 | 90 | 70 | 130 | 2.2 | 20 | |
| Sample ID: C09050548-011BMS | 8 <u>8</u> | Sample Matrix | Spike | | | Run: ICP3 | -C_090528A | | 05/29 | /09 03:2 |
| Boron | _ | 0.468 | mg/L | 0.10 | 87 | 70 | 130 | | | |
| Calcium | | 115 | mg/L | 1.0 | 88 | 3 70 | 130 | | | |
| Iron | | 0.466 | mg/L | 0.030 | 91 | 70 | 130 | | | |
| Magnesium | | 48.1 | mg/L | 1.0 | 88 | 3 70 | 130 | | | |
| Manganese | | 0.473 | mg/L | 0.010 | 9- | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/06/09

Work Order: C09050548

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|--------------|---------------|-----------------|-------|------|------------|------------|-----|----------|------------|
| Method: E200.7 | | | <u> </u> | | | | | | Batch: | R118774 |
| Sample ID: C09050548-011BMS | <u>8</u> 8 | Sample Matrix | Spike | | | Run: ICP3- | C_090528A | | 05/29 | /09 03:27 |
| Potassium | _ | 46.6 | mg/L | 1.0 | 86 | 70 | 130 | | | |
| Silicon | | 7.79 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | | 71.8 | mg/L | 1.0 | 85 | 70 | 130 | | | |
| Sample ID: C09050548-011BMS | D <u>8</u> S | Sample Matrix | Spike Duplicate | | | Run: ICP3- | C_090528A | | • | /09 03:51 |
| Boron | | 0.479 | mg/L | 0.10 | 89 | 70 | 130 | 2.2 | 20 | |
| Calcium | | 112 | mg/L | 1.0 | 82 | 70 | 130 | 2.9 | 20 | |
| Iron | | 0.484 | mg/L | 0.030 | 95 | 70 | 130 | 3.7 | 20 | |
| Magnesium | | 47.1 | mg/L | 1.0 | 86 | 70 | 130 | 2.2 | 20 | |
| Manganese | | 0.491 | mg/L | 0.010 | 94 | 70 | 130 | 3.5 | 20 | |
| Potassium | | 45.4 | mg/L | 1.0 | 84 | 70 | 130 | 2.6 | 20 | |
| Silicon | | 7.81 | mg/L | 0.10 | | 70 | 130 | 0.2 | 20 | Α |
| Sodium | | 69.7 | mg/L | 1.0 | 81 | 70 | 130 | 2.9 | 20 | |
| Sample ID: C09050548-020BMS | 8 9 | Sample Matrix | Spike | | | Run: ICP3- | C_090528A | | 05/29 | 09 05:08 |
| Boron | _ | 0.474 | mg/L | 0.10 | 93 | 70 | 130 | | | |
| Calcium | | 103 | mg/L | 1.0 | 88 | 70 | 130 | | | |
| Iron | | 0.487 | mg/L | 0.030 | 96 | 70 | 130 | | | |
| Magnesium | | 48.2 | mg/L | 1.0 | 89 | 70 | 130 | | | |
| Manganese | | 0.525 | mg/L | 0.010 | 95 | 70 | 130 | | | |
| Potassium | | 47.3 | mg/L | 1.0 | 87 | 70 | 130 | | | |
| Silicon | | 8.60 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | | 77.9 | mg/L | 1.0 | 87 | 70 | 130 | | | |
| Sample ID: C09050548-020BMS | D 8 | Sample Matrix | Spike Duplicate | | | Run: ICP3 | -C_090528A | | | 9/09 05:13 |
| Boron | | 0.430 | mg/L | 0.10 | 84 | 70 | 130 | 9.7 | 20 | |
| Calcium | | 101 | mg/L | 1.0 | 84 | 70 | 130 | 2.4 | 20 | |
| Iron | | 0.460 | mg/L | 0.030 | 90 | 70 | 130 | 5.6 | 20 | |
| Magnesium | | 48.6 | mg/L | 1.0 | 90 | 70 | 130 | 0.8 | 20 | |
| Manganese | | 0.496 | mg/L | 0.010 | 90 | 70 | 130 | 5.6 | 20 | |
| Potassium | | 47.8 | mg/L | 1.0 | 88 | 70 | 130 | 1.2 | | |
| Silicon | | 7.60 | mg/L | 0.10 | | 70 | 130 | 12 | | Α |
| Sodium | | 76.9 | mg/L | 1.0 | 85 | 70 | 130 | 1.3 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/06/09

Work Order: C09050548

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-------------|-----------------|-----------------|----------------|------|------------|------------|-----|----------|------------|
| Method: E200.7 | | | | - - | | | | | Batch: | R11913 |
| Sample ID: C09050733-014BMS | 4 9 | Sample Matrix : | Snike | | | Run: ICP3- | C_090604A | | 06/04 | /09 23:35 |
| • | Ξ. | 48.0 | mg/L | 1.0 | 91 | 70 | 130 | | | |
| Calcium | | 48.2 | mg/L | 1.0 | 95 | 70 | 130 | | | |
| Magnesium | | 46.7 | mg/L | 1.0 | 90 | 70 | 130 | | | |
| Potassium Sodium | | 170 | mg/L | 1.0 | 85 | | 130 | | | |
| Sample ID: C09050733-014BMSI | 0 4 9 | Sample Matrix | Spike Duplicate | | | Run: ICP3- | C_090604A | | 06/04 | /09 23:58 |
| Calcium | _ | 45.3 | mg/L | 1.0 | 86 | 70 | 130 | 5.7 | 20 | |
| Magnesium | | 45.0 | mg/L | 1.0 | 88 | 70 | 130 | 6.9 | 20 | |
| Potassium | | 44.0 | mg/L | 1.0 | 85 | 70 | 130 | 5.9 | 20 | |
| Sodium | | 165 | mg/L | 1.0 | 76 | 70 | 130 | 2.9 | 20 | |
| Sample ID: LRB | <u>4</u> 1 | Method Blank | | | | Run: ICP3- | C_090604A | | 06/04 | /09 13:59 |
| Calcium | _ | 0.2 | mg/L | 0.2 | | | | | | |
| Magnesium | | 0.3 | mg/L | 0.2 | | | | | | |
| Potassium | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: LFB | 4 | Laboratory For | tified Blank | | | Run: ICP3 | -C_090604A | | 06/04 | 1/09 14:08 |
| Calcium | _ | 51 | mg/L | 0.50 | 103 | 85 | 115 | | | |
| Magnesium | | 52 | mg/L | 0.50 | 105 | 85 | 115 | | | |
| Potassium | | 51 | mg/L | 0.50 | 101 | 85 | 115 | | | |
| Sodium | | 52 | mg/L | 0.50 | 103 | 85 | 115 | | | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/06/09

Work Order: C09050548

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|----------------|-----------------|-------|------|------------|---------------|-----|----------|-----------|
| Method: E200.7 | | | | | | | | • | Batch | R11921 |
| Sample ID: LRB | <u>2</u> M | Method Blank | | | | Run: ICP3- | C_090605B | | 06/05 | /09 15:27 |
| Iron | _ | ND | mg/L | 0.01 | | | | | | |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Sample ID: LFB | <u>2</u> l | _aboratory For | ified Blank | | | Run: ICP3- | C_090605B | | 06/05 | /09 15:3 |
| Iron | | 5.25 | mg/L | 0.030 | 105 | 85 | 115 | | | |
| Manganese | | 5.07 | mg/L | 0.010 | 101 | 85 | 115 | | | |
| Sample ID: C09050548-003CMS | 5 <u>2</u> 9 | Sample Matrix | Spike | | | Run: ICP3- | C_090605B | | 06/05 | /09 21:5 |
| Iron | | 0.459 | mg/L | 0.030 | 90 | 70 | 130 | | | |
| Manganese | | 0.508 | mg/L | 0.021 | 94 | 70 | 130 | | | |
| Sample ID: C09050548-003CMS | SD <u>2</u> : | Sample Matrix | Spike Duplicate | | | Run: ICP3- | C_090605B | | 06/05 | /09 22:0 |
| Iron | _ | 0.424 | mg/L | 0.030 | 83 | 70 | 130 | 7.7 | 20 | |
| Manganese | | 0.461 | mg/L | 0.021 | 84 | 70 | 130 | 9.6 | 20 | |
| Sample ID: C09050548-015CM\$ | s <u>2</u> : | Sample Matrix | Spike | | | Run: ICP3- | C_090605B | | 06/05 | /09 23:1 |
| Iron | | 0.449 | mg/L | 0.030 | 88 | 70 | 130 | | | |
| Manganese | | 0.464 | mg/L | 0.021 | 91 | 70 | 130 | | | |
| Sample ID: C09050548-015CM | SD <u>2</u> | Sample Matrix | Spike Duplicate | | | Run: ICP3- | C_090605B | | 06/05 | 6/09 23:2 |
| Iron | | 0.430 | mg/L | 0.030 | 84 | 70 | 130 | 4.5 | 20 | |
| Manganese | | 0.445 | mg/L | 0.021 | 87 | 70 | 130 | 4.1 | 20 | |
| Method: E200.8 | | | | ., | | ·- | | | Ва | tch: 2245 |
| Sample ID: MB-22458 | 2 | Method Blank | | | | Run: ICPM | S4-C_090605A | | 06/05 | 5/09 23:1 |
| Iron | | 0.004 | mg/L | 0.002 | | | | | | |
| Manganese | | 0.00010 | mg/L | 4E-05 | | | | | | |
| Sample ID: LCS3-22458 | <u>2</u> | Laboratory Co | ntrol Sample | | | Run: ICPM | IS4-C_090605A | | 06/0 | 5/09 23:2 |
| Iron | | 2.52 | mg/L | 0.030 | 101 | | 115 | | | |
| Manganese | | 2.55 | mg/L | 0.010 | 102 | 85 | 115 | | | |
| Sample ID: C09050574-001AM | S3 <u>2</u> | Sample Matrix | Spike | | | | IS4-C_090605A | | 06/0 | 3/09 00:2 |
| Iron | | 3.62 | mg/L | 0.030 | 104 | | 130 | | | |
| Manganese | | 2.55 | mg/L | 0.010 | 101 | 70 | 130 | | | |
| Sample ID: C09050574-001AM | SD <u>2</u> | Sample Matrix | Spike Duplicate | | | Run: ICPM | 1S4-C_090605A | | | 6/09 00:3 |
| Iron | | 3.53 | mg/L | 0.030 | 100 | | 130 | 2.5 | | |
| Manganese | | 2.53 | mg/L | 0.010 | 101 | 70 | 130 | 8.0 | . 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/06/09

Work Order: C09050548

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|---------------|--------------|--------------|---------------|------|-----------|---------------|-----|----------|------------|
| Method: E200.8 | | | | | _ | | | | Batch | R11843 |
| Sample ID: LRB | <u>14</u> Me | thod Blank | | | | Run: ICPM | S2-C_090520A | | 05/20 | /09 14:29 |
| Aluminum | | ND | mg/L | 0.002 | | | | | | |
| Arsenic | | ND | mg/L | 0.0003 | | | | | | |
| Barium | | ND | mg/L | 3E-05 | | | | | | |
| Cadmium | | ND | mg/L | 6E-05 | | | | | | |
| Chromium | | ND | mg/L | 8E-05 | | | | | | |
| Copper | | 7E-05 | mg/L | 4E-05 | | | | | | |
| Lead | | ND | mg/L | 2E-05 | | | | | | |
| Manganese | | ND | mg/L | 5E- 05 | | | | | | |
| Mercury | | ND | mg/L | 4E-05 | | | | | | |
| Molybdenum | | ND | mg/L | 4E-05 | | | | | | |
| Nickel | | ND | mg/L | 9E-05 | | | | | | |
| Selenium | | ND | mg/L | 0.001 | | | | | | |
| Uranium | | ND | mg/L | 8E-06 | | | | | | |
| Vanadium | | ND | mg/L | 9E-05 | | | | | | |
| Sample ID: LFB | <u>14</u> La | boratory For | tified Blank | | | | S2-C_090520A | | 05/20 |)/09 14:36 |
| Aluminum | | 0.0475 | mg/L | 0.0022 | 95 | 85 | 115 | | | |
| Arsenic | | 0.0492 | mg/L | 0.0010 | 98 | 85 | 115 | | | |
| Barium | | 0.0495 | mg/L | 0.0010 | 99 | 85 | 115 | | | |
| Cadmium | | 0.0497 | mg/L | 0.0010 | 99 | 85 | 115 | | | |
| Chromium | | 0.0493 | mg/L | 0.0010 | 99 | 85 | 115 | | | |
| Copper | | 0.0495 | mg/L | 0.0010 | 99 | 85 | 115 | | | |
| Lead | | 0.0496 | mg/L | 0.0010 | 99 | 85 | 115 | | | |
| Manganese | | 0.0495 | mg/L | 0.0010 | 99 | 85 | 115 | | | |
| Mercury | | 0.00501 | mg/L | 0.0010 | 100 | | 115 | | | |
| Molybdenum | | 0.0495 | mg/L | 0.0010 | 99 | | 115 | | | |
| Nickel | | 0.0496 | mg/L | 0.0010 | 99 | | 115 | | | |
| Selenium | | 0.0490 | mg/L | 0.0014 | 98 | | 115 | | | |
| Uranium | | 0.0473 | mg/L | 0.00030 | 95 | | 115 | | | |
| Vanadium | | 0.0494 | mg/L | 0.0010 | 99 | 85 | 115 | | | |
| Sample ID: C09050548-010BMS | 4 <u>14</u> S | ample Matrix | | | | | IS2-C_090520A | | 05/2 | 1/09 00:0 |
| Aluminum | | 0.0606 | mg/L | 0.10 | 90 | | 130 | | | |
| Arsenic | | 0.0515 | mg/L | 0.0010 | 101 | | 130 | | | |
| Barium | | 0.0713 | mg/L | 0.10 | 99 | | 130 | | | |
| Cadmium | | 0.0499 | mg/L | 0.010 | 100 | | | | | |
| Chromium | | 0.0478 | mg/L | 0.050 | 96 | | | | | |
| Copper | | 0.0510 | mg/L | 0.010 | 96 | | | | | |
| Lead | | 0.0490 | mg/L | 0.050 | | | | | | |
| Manganese | | 0.0574 | mg/L | 0.010 | | | | | | |
| Mercury | | 0.00510 | mg/L | 0.0010 | 102 | | | | | |
| Molybdenum | | 0.0507 | mg/L | 0.10 | | | | | | |
| Nicket | | 0.0480 | mg/L | 0.050 | | | | | | |
| Selenium | | 0.0510 | mg/L | 0.0010 | 102 | ? 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/06/09

Work Order: C09050548

RPD RPDLimit Qual RL %REC Low Limit High Limit Units Count Result Analyte Batch: R118437 E200.8 Method: 05/21/09 00:04 Run: ICPMS2-C_090520A Sample ID: C09050548-010BMS4 14 Sample Matrix Spike 70 130 0.00030 95 0.190 mg/L Uranium 70 130 99 0.0493 0.10 mg/L Vanadium 05/21/09 00:11 Run: ICPMS2-C_090520A 14 Sample Matrix Spike Duplicate Sample ID: C09050548-010BMSD 6.1 20 70 130 0.0010 98 0.0643 mg/L Aluminum 20 1.4 0.0010 100 70 130 0.0508 mg/L Arsenic 70 130 0.9 20 0.0010 97 0.0707 mg/L Barium 20 130 0.1 70 0.0499 mg/L 0.010 100 Cadmium 20 130 0.3 0.0010 96 70 0.0479 mg/L Chromium 20 70 130 0.8 0.010 95 0.0506 mg/L Copper 70 130 0.1 20 0.0010 98 0.0491 mg/L Lead 0.3 20 70 130 0.010 96 0.0575 mg/L Manganese 20 0.0010 102 70 130 0.2 0.00511 mg/L Mercury 0.7 20 70 130 0.0503 mg/L 0.0010 99 Molybdenum 20 70 130 1.5 0.0010 95 0.0472 mg/L Nickel 1.7 20 70 130 0.0010 104 0.0518 mg/L Selenium 70 130 0.4 20 0.00030 93 0.189 mg/L Uranium 0.2 20 70 130 0.0010 98 0.0492 mg/L Vanadium 05/21/09 02:00 Run: ICPMS2-C_090520A Sample ID: C09050548-020BMS4 14 Sample Matrix Spike 130 70 0.0010 95 0.0519 mg/L Aluminum 0.0010 100 70 130 0.0531 mg/L Arsenic 70 130 0.0646 0.0010 100 mg/L Barium 70 130 0.010 99 0.0494 mg/L Cadmium 70 130 0.0010 97 0.0484 mg/L Chromium 70 130 0.010 95 0.0479 mg/L Copper 99 70 130 0.0494 0.0010 mg/L Lead 70 130 0.010 99 0.0846 mg/L Manganese 70 130 0.00518 mg/L 0.0010 104 Mercury 70 130 0.0010 99 0.0506 mg/L Molybdenum 70 130 94 0.0010 0.0471 mg/L Nickel 70 130 0.0010 103 0.0522 mg/L Selenium 70 102 130 0.00030 0.0904 mg/L Uranium 130 0.0503 0.0010 99 70 mg/L Vanadium 05/21/09 02:06 Run: ICPMS2-C_090520A Sample ID: C09050548-020BMSD 14 Sample Matrix Spike Duplicate 20 70 130 1.9 0.0010 93 0.0509 mg/L Aluminum 130 1.3 20 99 70 0.0010 Arsenic 0.0524 mg/L 1.8 20 70 130 0.0010 98 0.0635 mg/L Barium 20 130 1 98 70 0.0489 mg/L 0.010 Cadmium 0.7 20 70 130 0.0480 mg/L 0.0010 96 Chromium 20 0.010 95 70 130 0.4 0.0481 mg/L Copper 70 130 0.1 20 0.0010 98 0.0493 mg/L Lead 70 130 0.7 20 0.010 98 0.0840 mg/L Manganese

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/06/09

Work Order: C09050548

| | E200.8 C09050548-020BMSC | 14 | _ | | | | | | | | |
|---|-----------------------------|------------|----------------|-----------------|----------|------------|-------------|---------------|-----|-------|------------|
| Sample ID: (Mercury Molybdenum Nickel | | 14 | | | | | | | | Batch | R118437 |
| Mercury Molybdenum Nickel | | | Sample Matrix | Spike Duplicat | e | | Run: ICPM | S2-C_090520A | | 05/21 | /09 02:06 |
| Molybdenum Nickel | | | 0.00523 | mg/L | 0.0010 | 105 | 70 | 130 | 1 | 20 | |
| Nickel | 1 | | 0.0499 | mg/L | 0.0010 | 98 | 70 | 130 | 1.4 | 20 | |
| | 1 | | 0.0461 | mg/L | 0.0010 | 92 | 70 | 130 | 2 | 20 | |
| Ocicinani | | | 0.0502 | mg/L | 0.0010 | 99 | 70 | 130 | 3.9 | 20 | |
| Uranium | | | 0.0912 | mg/L | 0.00030 | 104 | 70 | 130 | 0.9 | 20 | |
| Vanadium | | | 0.0501 | mg/L | 0.0010 | 99 | 70 | 130 | 0.4 | 20 | |
| Method: | E200.8 | | | <u> </u> | <u> </u> | | | | | Batch | : R118900 |
| Sample ID: I | | 4 | Method Blank | | | | Run: ICPM | S4-C_090601A | | 06/01 | /09 12:37 |
| Aluminum | | - | ND | mg/L | 0.0004 | | | | | | |
| Chromium | | | ND | mg/L | 4E-05 | | | | | | |
| Vanadium | | | ND | mg/L | 4E-05 | | | | | | |
| Zinc | | | ND | mg/L | 0.0002 | | | | | | |
| Sample ID: | I FR | 4 | Laboratory For | tified Blank | | | Run: ICPM | S4-C_090601A | | 06/01 | /09 12:44 |
| Aluminum | | - | 0.0502 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Chromium | | | 0.0520 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Vanadium | | | 0.0519 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Zinc | | | 0.0537 | mg/L | 0.0010 | 107 | 85 | 115 | | | |
| Sample ID: | C09050548-009BMS4 | 4 4 | Sample Matrix | Spike | | | Run: ICPM | S4-C_090601A | | 06/0 | 1/09 18:47 |
| Aluminum | | - | 0.0590 | mg/L | 0.10 | 97 | 70 | 130 | | | |
| Chromium | | | 0.0485 | mg/L | 0.050 | 97 | 70 | 130 | | | |
| Vanadium | | | 0.0494 | mg/L | 0.10 | 9 9 | 70 | 130 | | | |
| Zinc | | | 0.0576 | mg/L | 0.010 | 102 | 70 | 130 | | | |
| Sample ID: | C09050548-009BMS | D 4 | Sample Matrix | Spike Duplica | ite | | Run: ICPM | S4-C_090601A | | 06/0 | 1/09 18:54 |
| Aluminum | | _ | 0.0606 | mg/L | 0.0010 | 100 | 70 | 130 | 2.7 | 20 | |
| Chromium | | | 0.0494 | mg/L | 0.0010 | 99 | 70 | 130 | 1.9 | | |
| Vanadium | | | 0.0501 | mg/L | 0.0010 | 100 | 70 | 130 | 1.4 | 20 | |
| Zinc | | | 0.0570 | mg/L | 0.010 | 101 | 70 | 130 | 0.9 | 20 | |
| Sample ID: | C09050548-019BMS | 4 <u>4</u> | Sample Matrix | Spike | | | Run: ICPM | IS4-C_090601A | | 06/0 | 1/09 22:13 |
| Aluminum | | | 0.108 | mg/L | 0.0010 | 100 | 70 | 130 | | | |
| Chromium | | | 0.0527 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Vanadium | | | 0.0578 | mg/L | 0.0010 | 101 | | 130 | | | |
| Zinc | | | 0.0551 | mg/L | 0.010 | 108 | 5 70 | 130 | | | |
| Sample ID: | C09050548-019BMS | D 4 | Sample Matrix | k Spike Duplica | ate | | Run: ICPN | 1S4-C_090601A | | 06/0 | 1/09 22:2 |
| Aluminum | | | 0.108 | mg/L | 0.0010 | 101 | 70 | 130 | 0.6 | 20 | |
| Chromium | | | 0.0527 | mg/L | 0.0010 | | 70 | 130 | C | | |
| Vanadium | | | 0.0578 | mg/L | 0.0010 | 101 | 70 | 130 | 0.1 | 20 | |
| Zinc | | | 0.0547 | mg/L | 0.010 | 104 | 1 70 | 130 | 0.7 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/06/09

Work Order: C09050548

| Analyte | | Cour | nt Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|-------------------|----------|---------------|-----------------|------|------|-------------|------------|-----|----------|-------------------|
| Method: | E300.0 | | | · | | | | | | Batch: | R118663 |
| Sample ID: | LCS | 2 | Laboratory Co | ntrol Sample | | | Run: IC1-C | _090523A | | 05/23/ | /09 14:17 |
| Chloride | | | 9.82 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Sulfate | | | 39.2 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Sample ID: | MBLK | <u>2</u> | Method Blank | | | | Run: IC1-C | _090523A | | 05/23/ | /09 14:33 |
| Chloride | | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: | C09050542-001AMS | <u>2</u> | Sample Matrix | Spike | | | Run: IC1-C | 090523A | | 05/24/ | /09 21:37 |
| Chloride | | _ | 68.0 | mg/L | 1.0 | 102 | 90 | 110 | | | |
| Sulfate | | | 281 | mg/L | 1.0 | 103 | 90 | 110 | | | |
| Sample ID: | C09050542-001AMSD |) 2 | Sample Matrix | Spike Duplicate | | | Run: IC1-C | 090523A | | 05/24/ | /09 21:53 |
| Chloride | | _ | 68.5 | mg/L | 1.0 | 103 | 90 | 110 | 0.7 | 20 | |
| Sulfate | | | 281 | mg/L | 1.0 | 103 | 90 | 110 | 0 | 20 | |
| Sample ID: | C09050548-007AMS | 2 | Sample Matrix | Spike | | | Run: IC1-C | 090523A | | 05/25/ | /09 01:29 |
| Chloride | | _ | 26.0 | mg/L | 1.0 | 104 | 90 | 110 | | | |
| Sulfate | | | 301 | mg/L | 1.0 | 91 | 90 | 110 | | | |
| Sample ID: | C09050548-007AMSD |) 2 | Sample Matrix | Spike Duplicate | | | Run: IC1-C | 090523A | | 05/25/ | /09 01:44 |
| Chloride | | _ | 26.2 | mg/L | 1.0 | 105 | 90 | 110 | 0.7 | 20 | |
| Sulfate | | | 301 | mg/L | 1.0 | 91 | 90 | 110 | 0.1 | 20 | |
| Method: | E300.0 | | | | | | | | | Batch: | R118717 |
| Sample ID: | LCS | 2 | Laboratory Co | ntrol Sample | | | Run: IC1-C | 090526A | | 05/26/ | /09 17:0 7 |
| Chloride | | | 9.52 | mg/L | 1.0 | 95 | 90 | 110 | | | |
| Sulfate | | | 38.5 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sample ID: | MBLK | 2 | Method Blank | | | | Run: IC1-C | _090526A | | 05/26/ | /09 17:23 |
| Chloride | | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: | C09050548-014AMS | 2 | Sample Matrix | Spike | | | Run: IC1-C | _090526A | | 05/26/ | 09 18:09 |
| Chloride | | | 26.3 | mg/L | 1.0 | 101 | 90 | 110 | | | |
| Sulfate | | | 221 | mg/L | 1.0 | 100 | 90 | 110 | | | |
| Sample ID: | C09050548-014AMSD | 2 | Sample Matrix | Spike Duplicate | | | Run: IC1-C_ | 090526A | | 05/26/ | 09 18:25 |
| Chloride | | | 26.6 | mg/L | 1.0 | 103 | 90 | 110 | 1.2 | 20 | |
| Sulfate | | | 220 | mg/L | 1.0 | 100 | 90 | 110 | 0.2 | 20 | |
| Sample ID: | C09050553-002AMS | <u>2</u> | Sample Matrix | Spike | | | Run: IC1-C_ | _090526A | | 05/26/ | 09 21:45 |
| Chloride | | | 223 | mg/L | 1.0 | 92 | 90 | 110 | | | |
| Sulfate | | | 507 | mg/L | 1.0 | 100 | 90 | 110 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 07/06/09

Project: Lost Creek

Work Order: C09050548

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|--------------|-----------------|-------|-----------|------------|------------|-----|-----------|--------------------|
| Method: E300.0 | | | | | | | | | Batch: | R11905 |
| Sample ID: LCS | <u>2</u> La | boratory Cor | ntrol Sample | | | Run: IC1-C | _090601A | | 06/01/ | '09 17: 2 7 |
| Chloride | | 9.63 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sulfate | | 38.9 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sample ID: MBLK | <u>2</u> Me | thod Blank | | | | Run: IC1-C | _090601A | | 06/01/ | 09 17:43 |
| Chloride | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: C09050697-001AMS | <u>2</u> Sa | mple Matrix | Spike | | | Run: IC1-C | _090601A | | 06/02/ | 09 23:54 |
| Chloride | | 435 | mg/L | 1.0 | | 90 | 110 | | | Α |
| Sulfate | | 674 | mg/L | 1.0 | 94 | 90 | 110 | | | |
| Sample ID: C09050697-001AMS[|) <u>2</u> Sa | mple Matrix | Spike Duplicate | | | Run: IC1-C | _090601A | | 06/03/ | 09 00:10 |
| Chloride | | 437 | mg/L | 1.0 | | 90 | 110 | 0.5 | 20 | Α |
| Sulfate | | 678 | mg/L | 1.0 | 97 | 90 | 110 | 0.6 | 20 | |
| Sample ID: C09050789-004AMS | <u>2</u> Sa | mple Matrix | Spike | | | Run: IC1-C | _090601A | | 06/03/ | 09 03:30 |
| Chloride | | 57.0 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Sulfate | | 255 | mg/L | 1.0 | 102 | 90 | 110 | | | |
| Sample ID: C09050789-004AMSE |) <u>2</u> Sa | mple Matrix | Spike Duplicate | | | Run: IC1-C | _090601A | | 06/03/ | 09 03:45 |
| Chloride | | 57.4 | mg/L | 1.0 | 98 | 90 | 110 | 0.6 | 20 | |
| Sulfate | | 257 | mg/L | 1.0 | 103 | 90 | 110 | 0.7 | 20 | |
| Method: E350.1 | | | | | | | | | Batch: B_ | R129813 |
| Sample ID: MBLK | Ме | thod Blank | | | | Run: SUB-E | 3129813 | | 05/21/ | 09 09:12 |
| Nitrogen, Ammonia as N | | ND | mg/L | 0.02 | | | | | | |
| Sample ID: LFB | La | poratory For | tified Blank | | | Run: SUB-E | 3129813 | | 05/21/ | 09 09:13 |
| Nitrogen, Ammonia as N | | 1.03 | mg/L | 0.10 | 104 | 90 | 110 | | | |
| Sample ID: B09051637-001GMS | Sa | mple Matrix | Spike | | | Run: SUB-E | 3129813 | | 05/21/ | 09 09:19 |
| Nitrogen, Ammonia as N | | 0.916 | mg/L | 0.050 | 92 | 90 | 110 | | | |
| Sample ID: B09051637-001GMSI |) Sa | mple Matrix | Spike Duplicate | | | Run: SUB-E | 3129813 | | 05/21/ | 09 09:21 |
| Nitrogen, Ammonia as N | | 0.897 | mg/L | 0.050 | 90 | 90 | 110 | 2.1 | 10 | |
| Sample ID: C09050548-005E | Sa | mple Matrix | Spike | | | Run: SUB-E | 3129813 | | 05/21/ | 09 09:34 |
| Nitrogen, Ammonia as N | | 0.632 | mg/L | 0.050 | <u>63</u> | 90 | 110 | | | S |
| Sample ID: C09050548-005E | Sa | mple Matrix | Spike Duplicate | | | Run: SUB-E | 3129813 | | 05/21/ | 09 09:35 |
| | | | | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/06/09

Work Order: C09050548

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------------------------|-------------|--------------|-----------------|-------|------|---------------|------------|-----|----------|-----------|
| Method: E353.2 | | | | | | - | | | Batch: B | _R12981 |
| Sample ID: MBLK | Me | ethod Blank | | | | Run: SUB- | 3129810 | | 05/21/ | /09 10:27 |
| Nitrogen, Nitrate+Nitrite as N | | ND | mg/L | 0.002 | | | | | | |
| Sample ID: LFB | La | boratory For | tified Blank | | | Run: SUB-E | 3129810 | | 05/21/ | /09 10:28 |
| Nitrogen, Nitrate+Nitrite as N | | 1.03 | mg/L | 0.050 | 105 | 90 | 110 | | | |
| Sample ID: C09050548-012E | Sa | mple Matrix | Spike | | | Run: SUB-E | 3129810 | | 05/21/ | /09 12:13 |
| Nitrogen, Nitrate+Nitrite as N | | 1.08 | mg/L | 0.050 | 110 | 90 | 110 | | | |
| Sample ID: C09050548-012E | Sa | mple Matrix | Spike Duplicate | | | Run: SUB- | 3129810 | | 05/21/ | /09 12:15 |
| Nitrogen, Nitrate+Nitrite as N | | 1.07 | mg/L | 0.050 | 109 | 90 | 110 | 0.7 | 10 | |
| Sample ID: B09051756-001BMS | Sa | mple Matrix | Spike | | | Run: SUB-E | 3129810 | | 05/21/ | /09 10:50 |
| Nitrogen, Nitrate+Nitrite as N | | 1.21 | mg/L | 0.050 | 108 | 90 | 110 | | | |
| Sample ID: B09051756-001BMSD |) Sa | mple Matrix | Spike Duplicate | | | Run: SUB-E | 3129810 | | 05/21/ | /09 10:51 |
| Nitrogen, Nitrate+Nitrite as N | | 1.20 | mg/L | 0.050 | 108 | 90 | 110 | 0.3 | 10 | |
| Method: E900.0 | | | | | | | | | Batch: G | rAB-066 |
| Sample ID: MB-GrAB-0667 | <u>6</u> M∈ | ethod Blank | | | | Run: G5000 | W_090608B | | 06/10/ | /09 22:44 |
| Gross Alpha | | 0.02p0 | Ci/L | | | | | | | U |
| Gross Alpha precision (±) | | 0.5 | pCi/L | | | | | | | |
| Gross Alpha MDC | | 0.6 | pCi/L | | | | | | | |
| Gross Beta | | -0.7 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | | 1 | pCi/L | | | | | | | |
| Gross Beta MDC | | 2 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0667 | La | boratory Cor | ntrol Sample | | | Run: G5000 | W_090608B | | 06/10/ | /09 22:44 |
| Gross Alpha | | 130 | pCi/L | | 95 | 70 | 130 | | | |
| Sample ID: C09050548-022DMS | Sa | mple Matrix | Spike | | | Run: G5000 | W_090608B | | 06/11/ | /09 11:00 |
| Gross Alpha | | 128 | pCi/L | | 93 | 70 | 130 | | | |
| Sample ID: C09050548-022DMSD |) Sa | mple Matrix | Spike Duplicate | | | Run: G5000 | W_090608B | | 06/11/ | /09 11:00 |
| Gross Alpha | | 132 | pCi/L | | 97 | 70 | 130 | 3.4 | 15.9 | |
| Sample ID: C09050548-022DMS | Sa | mple Matrix | Spike | | | Run: G5000 | W_090608B | | 06/11/ | /09 11:00 |
| Gross Beta | | 88,8p0 | Ci/L | | 98 | 70 | 130 | | | |
| Sample ID: C09050548-022DMSD |) Sa | mple Matrix | Spike Duplicate | | | Run: G5000 | W_090608B | | 06/11/ | /09 11:00 |
| Gross Beta | | 79.7pC | Ci/L | | 88 | 70 | 130 | 11 | 16.2 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.



UR Energy USA Inc

Report Date: 07/06/09 Project: Lost Creek

Work Order: C09050548

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|-------------|--------------|-----------------|----|------|------------|---------------|-----|-----------|-----------|
| Method: E900.0 | | | | | | | , | | Batch: G | GrAB-067 |
| Sample ID: MB-GrAB-0675 | <u>6</u> Me | thod Blank | | | | Run: G5000 | DW_090616D | | 06/19 | /09 21:10 |
| Gross Alpha | | -0.8 | pCi/L | | | | | | | U |
| Gross Alpha precision (±) | | 0.6 | pCi/L | | | | | | | |
| Gross Alpha MDC | | 0.7 | pCi/L | | | | | | | |
| Gross Beta | | -0.4 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | | 1 | pCi/L | | | | | | | |
| Gross Beta MDC | | 1 | pCi/L | | | | | | | |
| ample ID: UNAT-GrAB-0675 | Lat | ooratory Con | trol Sample | | | Run: G5000 | 0W_090616D | | 06/19/ | /09 21:10 |
| Gross Alpha | | 140 | pCi/L | | 100 | 70 | 130 | | | |
| ample ID: C09050548-002DDUP | 6 Sa | mple Duplica | ate | | | Run: G5000 | OW_090616D | | 06/19/ | /09 21:10 |
| Gross Alpha | | 64.6pC | i/L | | | | | 16 | 24.3 | |
| Gross Alpha precision (±) | | 4.48pC | i/L | | | | | | | |
| Gross Alpha MDC | | 2.57pC | i/L | | | | | | | |
| Gross Beta | | 21.9pC | i/L | | | | | 8.6 | 28.5 | |
| Gross Beta precision (±) | | 2.11pC | | | | | | | | |
| Gross Beta MDC | | 2.92pC | i/L | | | | | | | |
| ample ID: C09050548-008DMS | Sa | mple Matrix | Spike | | | Run: G5000 | 0W_090616D | | 06/19/ | /09 21:10 |
| Gross Alpha | | 185 | pCi/L | | 105 | 70 | 130 | | | |
| ample ID: C09050548-008DMSD |) Sa | mple Matrix | Spike Duplicate | | | Run: G5000 | DW_090616D | | 06/20 | /09 09:25 |
| Gross Alpha | | 167 | pCi/L | | 92 | 70 | 130 | 10 | 17.4 | |
| ample ID: C09050548-008DMS | Sa | mple Matrix | Spike | | | Run: G5000 | OW_090616D | | 06/20 | /09 09:25 |
| Gross Beta | | 114 | pCi/L | | 104 | 70 | 130 | | | |
| ample ID: C09050548-008DMSE |) Sa | mple Matrix | Spike Duplicate | | | Run: G5000 | DW_090616D | | 06/20 | /09 09:25 |
| Gross Beta | | 116 | pCi/L | | 106 | 70 | 130 | 1.4 | 15.2 | |
| Method: E903.0 | | | | | | | | | Batch: RA | 226-367 |
| ample ID: C09050548-002DMS | Sa | mple Matrix | Spike | | | Run: TENN | ELEC-2_090521 | Α | 05/30 | /09 21:28 |
| Radium 226 | | 19 | pCi/L | | 94 | 70 | 130 | | | |
| ample ID: C09050548-002DMSE |) Sa | mple Matrix | Spike Duplicate | | | Run: TENN | ELEC-2_090521 | Α | 05/30 | /09 22:58 |
| Radium 226 | | 19 | pCi/L | | 99 | 70 | 130 | 3.4 | 25.8 | |
| ample ID: MB-RA226-3679 | <u>3</u> Me | thod Blank | | | | Run: TENN | ELEC-2_090521 | Α | 05/31 | /09 05:00 |
| Radium 226 | | -0.02 | pÇi/L | | | | | | | U |
| Radium 226 precision (±) | | 0.10pC | i/L | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | |
| ample ID: LCS-RA226-3679 | Lal | poratory Con | trol Sample | | | Run: TENN | ELEC-2_090521 | Α | 05/31 | /09 06:31 |
| Radium 226 | | 7.8 | pCi/L | | 99 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/06/09
Work Order: C09050548

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLImit | Qual |
|--|--------------|------------------|-------------------------|-----------|-----------|------------------|------------------|-----------|-----------|-------------|
| Method: E903.0 | | | | | | | | | Batch: RA | 1226-3680 |
| Sample ID: C09050548-013DMS | Sa | ample Matrix | Spike | | | Run: BERT | HOLD 770-1_ | 090521B | 06/01 | /09 17:27 |
| Radium 226 | - | 20 | pCi/L | | 81 | 70 | 130 | | | |
| Sample ID: C09050548-013DMS | D Sa | ample Matrix | Spike Duplicate | | | Run: BERT | HOLD 770-1_ | 090521B | 06/01 | /09 17:27 |
| Radium 226 | | 25 | pCi/L | | 116 | 70 | 130 | 25 | 22.3 | R |
| - The RPD for the MSD is high. The | individual s | pike recoveries | • | the MB is | acceptab | le therefore the | e batch is appro | _ | | |
| Sample ID: MB-RA226-3680 | 3 M | ethod Blank | | | | Run: BERT | HOLD 770-1_ | _090521B | 06/01 | /09 17:27 |
| Radium 226 | | -0.10 | pCi/L | | | | | _ | | U |
| Radium 226 precision (±) | | 0.07p0 | Ci/L | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | |
| Sample ID: LCS-RA226-3680 | Le | aboratory Cor | ntrol Sample | | | Run: BERT | HOLD 770-1_ | _090521B | 06/01 | /09 17:27 |
| Radium 226 | | 5.3 | pCi/L | | <u>68</u> | 70 | 130 | | | S |
| - LCS response is outside of the acce | aptance ran | ge for this anal | ysis. Since the MS an | d MSD ar | e accepta | ble the batch i | s approved. | | | |
| Method: E903.0 | | | | | | | | | Batch: R/ | 226-368 |
| Sample ID: C09050548-018DMS | Sa | ample Matrix | Spike | | | Run: BERT | HOLD 770-1_ | _090521C | 06/01 | /09 18:02 |
| Radium 226 | | 25 | pCi/L | | <u>43</u> | 70 | 130 | | | s |
| - Spike response is outside of the acc | eptance ra | nge for this and | alysis. Since the MB, I | LCS, and | MSD are | acceptable the | batch is approv | ved. | | |
| Sample ID: C09050548-018DMS | D Sa | ample Matrix | Spike Duplicate | | | Run: BERT | HOLD 770-1_ | 090521C | 06/01 | /09 18:02 |
| Radium 226 | | 35 | pCi/L | | 103 | 70 | 130 | <u>31</u> | 20.5 | R |
| Sample ID: MB-RA226-3681 | <u>3</u> M | ethod Blank | | | | Run: BERT | HOLD 770-1_ | 090521C | 06/01 | /09 22:07 |
| Radium 226 | | -0.1 | pCi/L | | | | | | | U |
| Radium 226 precision (±) | | 0.09pC | Ci/L | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | |
| Sample ID: LCS-RA226-3681 | La | boratory Cor | ntrol Sample | | | Run: BERT | HOLD 770-1_ | _090521C | 06/01 | /09 22:07 |
| Radium 226 | | 5.6 | pCi/L | | 72 | 70 | 130 | | | |
| Method: RA-05 | | | | | | _ | | | Batch | : R118812 |
| Sample ID: C09050548-003DMS | Sa | ample Matrix | Spike | | | Run: TENN | ELEC-3_090 | 521A | 05/21 | /09 13:33 |
| Radium 228 | | 17.1p0 | CI/L | | 77 | 70 | 130 | | | |
| Sample ID: C09050548-003DMS | D S: | emnle Matrix | Spike Duplicate | | | Run: TENN | ELEC-3_090: | 521A | 05/21 | /09 13:33 |
| Radium 228 | - 0. | 21.6pC | • | | 102 | 70 | 130 | 23 | 30 | 700 10.00 |
| | | | | | | | | | | |
| Sample ID: MB-R118812 | <u>3</u> M | ethod Blank | | | | Run: TENN | ELEC-3_090 | 521A | 05/21 | /09 13:33 |
| Radium 228 | | 0.5 | pCi/L | | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | |
| Sample ID: LCS-R118812 | la | boratory Cor | ntroi Sample | | | Run: TENN | ELEC-3_090 | 521A | 05/21 | /09 13:33 |
| Radium 228 | | 8.7 | pCi/L | | 94 | 70 | 130 | | 90,21 | . 55 , 5.56 |
| | | • | Pere | | | . • | 0 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

S - Spike recovery outside of advisory limits.

ND - Not detected at the reporting limit.

R - RPD exceeds advisory limit.



Client: UR Energy USA Inc Report Date: 07/06/09

Project: Lost Creek

Work Order: C09050548

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------|-------------|--------------|-----------------|----|------|-----------|----------------|----------|-----------|-----------|
| Method: RA-05 | | _ | | | • | | | | Batch: RA | 228-2672 |
| Sample ID: LCS-228-RA226-3680 |) La | boratory Cor | ntrol Sample | | | Run: TENN | ELEC-3_0905218 | } | 05/28 | /09 12:01 |
| Radium 228 | | 8.46p0 | Di/L | | 91 | 70 | 130 | | | |
| Sample ID: MB-RA226-3680 | <u>3</u> Me | thod Blank | | | | Run: TENN | ELEC-3_090521E | 3 | 05/28 | /09 12:01 |
| Radium 228 | | 0.6 | pCi/L | | | | | | | U |
| Radium 228 precision (±) | | 0.8 | pCi/L | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | |
| Sample ID: C09050548-014DMS | Sa | mple Matrix | Spike | | | Run: TENN | ELEC-3_090521E | l | 05/28 | /09 12:01 |
| Radium 228 | | 24.2p0 | Di/L | | 96 | 70 | 130 | | | |
| Sample ID: C09050548-014DMSE |) Sa | mple Matrix | Spike Duplicate | | | Run: TENN | ELEC-3_090521E | : | 05/28 | /09 12:01 |
| Radium 228 | | 21.4p0 | Di/L | | 80 | 70 | 130 | 12 | 30.6 | |
| Method: RA-05 | | | | | - | | | | Batch: RA | 228-2673 |
| Sample ID: LCS-228-RA226-3681 | La | boratory Cor | ntrol Sample | | | Run: TENN | ELEC-3_0905210 | ; | 05/28 | /09 14:08 |
| Radium 228 | | 7.45p0 | Di/L | | 87 | 70 | 130 | | | |
| Sample ID: MB-RA226-3681 | <u>3</u> Me | thod Blank | | | | Run: TENN | ELEC-3_0905210 | ; | 05/28 | /09 14:08 |
| Radium 228 | | -0.1 | pCi/L | | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | |
| Sample ID: C09050548-019DMS | Sa | mple Matrix | Spike | | | Run: TENN | ELEC-3_0905210 | ; | 05/28 | /09 14:08 |
| Radium 228 | | 15.6pC | Di/L | | 82 | 70 | 130 | | | |
| Sample ID: C09050548-019DMSE |) Sa | mple Matrix | Spike Duplicate | | | Run: TENN | ELEC-3_090521C | ; | 05/28 | /09 14:08 |
| Radium 228 | | 14.4pC | Ci/L | | 76 | 70 | 130 | 7.8 | 36 | |

| ENERGY Chain of Cust | ody and Analytica | | ord | Page / of 3 |
|--|---|---------------------------------------|--|---|
| Company Name: | PLEASE PRINT- Provide as much inf Project Name, PWS, Permit, Etc. | ormation as possible. | Sample Origin | EPA/State Compliance: |
| UR Energy | Lost Cicek | | State: WY | Yes 🗌 No 🗷 |
| Report Mail Address: 5180 Enteress Dr. Suite 200 | Contact Name: Phon | e/Fax: | Email: | Sampler: (Please Print) |
| Caster WY 82609 | John Cash 307-247- | 3873 John. Cash Que | -cregyunalom | |
| Invoice Address: | Invoice Contact & Phone: | - | Purchase Order: | Quote/Bottle Order: |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: UP Energy extel skeet DW A2LA GSA EDD/EDT(Electronic Data) POTW/WWTP Format: State: LEVEL IV Other: NELAC | Number of Containers Sample Type: AW S V B O Air Water Soils/Soilds Vegetation Bioassay Other | SEE ATTACHED Sormal Turnaround (TAT) | Contact ELI prior RUSH sample su for charges and scheduling – See Instruction Page Comments: | Receipt Temp Con Ice: Yes No Custody Seal Y N |
| SAMPLE IDENTIFICATION Collection Collection | MATRIX & | | H | Coolers P N Signature V N |
| (Name, Location, Interval, etc.) Date Time 1 | w 2gg/ | | (090508 | Match S48 |
| 2 M · 102 #2 | | | | |
| 3 M-103 #3 | | | | |
| 4 M-104 #4 | | | | |
| 5 M-105 +5) |)) | | | |
| 6 M-106 #6 | / / | | | <u>8</u> 0 |
| 7 M-107 #Y | | | | 47 |
| ° M- 108 #8 |) / | | | |
| ° M. 109 #9 | | | | <u>a</u> |
| 10 M- 110 #10 | | | | |
| Custody Relinguished by (print): Date/Time: | 00 (71) | 1-11 4- | Date/Time: 5-/8-09- 4,43 Date/Time: | Signature |
| Relinquished by (print): Date/Time: | 31 Signature: | Received by (print): | Date/Time: | Signature: |
| Signed Sample Disposal: Return to Client: | Lab Disposal: | Received by Laboratory: | Date/Time: 9 8 32 | Agreeting 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

| ENERGY | Chain of | Cust | ody an | d A | \nalyi | ical R | eque | est F | Reco | ord | | - Pag | ge_ <u>Z_of_3</u> |
|--|--|--------------------|--|------------------|---------------------------|------------------------|-----------------|--------------|-------------------------|-----------|--|----------|--|
| Company Name: | | | PLEASE PRIM | IT-Pro ne. PV | ovide as mu VS. Permit | ch informati . Etc. | on as pos | sible. | | Samo | le Origin | EPA/S | tate Compliance: |
| MD FORM | | | Cost | | | , | | | | | WY | Yes [| - |
| Report Mail Address: 1880 Entry St. Dr. Su. | : fe 200 | | Contact Nar | | | Phone/Fax | | | | Email | : | Sample | er: (Please Print) |
| CESPER WY BZ609 | | • | John Co | 人 | 307-2 | (5-2373 | kha | -(05% | Qu | riena | 19 Yusa - (on lase Order: | | |
| Invoice Address: | | | Invoice Con | tact & | Phone: | | | | | Purch | ase Order: | Quote/ | Bottle Order: |
| Special Report/Formats – ELI prior to sample submittal for the UR Gray Exec Shee | ne following: | ed | tainers 7 S V B O Solids iay Other | | | SIS RE | QUES | | (TAT) | R | Contact ELI prior RUSH sample su for charges and scheduling – See Instruction Page | ibmittal | Shiriped by: Cooler (D(s): |
| ☐ POTW/WWTP F ☐ State: ☐ L | A2LA EDD/EDT(Electro Format: EVEL IV IELAC | onic Data) | Number of Containe Sample Type: A W S V Air Water Soils/Solic Vegetation Bioassay C | deline 8 | 1 1 1 | | | SEE ATTACHED | Normal Turnaround (TAT) | S | Comments: | | Receipt Temp On Ice: Yes No Custody Seal Y N Bottles/ Coolers B C |
| SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) | Collection (| Collection Time | MATRIX | Pari | | | | | | | | | Intact Y N Signature Y N Match |
| M-111 # 11 | 5-18-09 | | w zgał | | | | | | | | (090000 | 548 | No. |
| 2 M-1/2 # 12 | | | | \mathbb{N} | | | | | | | - | _ | |
| ا <i>در بنت (۱۱۰/۸ `</i> | | | | 7 | | | | | | | | | © Inc |
| 4 M-114 \$ 14 5 M·115 #15 | | | | | | | | | | | | | |
| 5 M·115 # 15 |) | : | | | | | | | | | | | |
| 6 M-116 # 16 | | | | | | | | | | | | | |
| ⁷ M-117 # 17 | | |) | | | | | | | | | | 77. |
| ° M-118 # 18 | | | | | | | | | | | | | |
| ° M-120 A # 19 | | | | | | | | | | | | | |
| 10 M - /Z) # ZO | | | / | | | | | | | | | | |
| | Date/Time: 5-18-09 | 17:00 | Signa | re: 721 | } | - Receiv | red by (print): | | | Date/Time | 09 4,43 | Signat | ture: |
| Record Reinquisien (print): | Date/Time: | , | . Signa | ture: | } | | d by (print): | _= | Ĭ | Date/Time | | Signat | ture: |

Lab Disposal:

Received by Laboratory:

Date/Time:

9-(8)

MUST be

Signed

Sample Disposal:

Return to Client:

| ENERGY | |
|--------------|--|
| LABORATORIES | |

Chain of Custody and Analytical Request Record

| Page 3 0 | of 3 |
|----------|------|
| | |

| Company Name: | Project Name, PWS, Permit, Etc. | ormanon do podello. | Sample Origin | EPA/State Compliance: |
|--|---|--------------------------------------|---|-------------------------|
| Report Mail Address: S850 takeprise Dr Suik zee | Cost Creek | | State: WY | Yes □ No 🗗 |
| Report Mail Address: | Contact Name: Phon | e/Fax: | Email: | Sampler: (Please Print) |
| SBBO tokeprise Dr Snik zoo | John Cash 307-265-2. Invoice Contact & Phone: | 11 | | |
| Caspe: WY 87609 Invoice Address: | Invoice Contact & Phone: | 515 john. Cashavu | Purchase Order | Quote/Bottle Order: |
| Invoice Address. | mvoice contact & mone. | | i dionasc order. | Guoto/Bottlo Graon. |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: UR Energy Exc Skee + DW A2LA EDD/EDT(Electronic Data) POTW/WWTP Format: LEVEL IV Other: NELAC | Number of Containers Sample Type: AW S V B O Air Water Soils/Soilds Vegetation Bioassay Other | SEE ATTACHED Normal Turnaround (TAT) | Contact ELI prior RUSH sample su for charges and scheduling – See Instruction Page Comments: H | Ibmittal Cooler ID(s): |
| SAMPLE IDENTIFICATION Collection Collection (Name, Location, Interval, etc.) Date Time | MATRIX S | | | Signature Y N Match |
| M-129 # 21 5-18-09 | w 20/21 | | Corosa | |
| ² M-130 # Z2 | | | | |
| 3 | 7 / | | | |
| 4 | | | | |
| 5 | | | | 1. |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | ORATI |
| 9 | ' | | | |
| 10 | | | | |
| Custody Reinquished by (pript): Date/Time: | Signature: | Received by (print): | Date/Time: | Signatures |
| Record Relinquished by (print): Date/Time: | Stonature: | Received by (print): | -18-09 4,43 Date/Time: | Signature: |
| MUST be 5-1909, 8 | 332 Signature | | | 7 . 1 |
| Signed Sample Disposal: Return to Client: | Lab Disposal: | | Date/Time: | alghature: |

Energy Laboratories Inc Workorder Receipt Checklist



UR Energy USA Inc

C09050548

| Login completed by: Kimberly Humiston | | Date and Time | Received: 5/19/2009 | 8:32 AM |
|---|-------|---------------|------------------------|---------|
| Reviewed by: | | Re | ceived by: klh | |
| Reviewed Date: | | Carı | rier name: Hand Del | |
| | | | | |
| Shipping container/cooler in good condition? | Yes 🔽 | No 🖂 | Not Present [| |
| Custody seals intact on shipping container/cooler? | Yes 🗌 | No 🖂 | Not Present 🗹 | |
| Custody seals intact on sample bottles? | Yes [| No 🗌 | Not Present 🗹 | |
| Chain of custody present? | Yes 🗹 | No 🖂 | | |
| Chain of custody signed when relinquished and received? | Yes 🗹 | No 🗌 | | |
| Chain of custody agrees with sample labels? | Yes 🗹 | No 🖂 | | |
| Samples in proper container/bottle? | Yes 🗹 | No 🔲 | | |
| Sample containers intact? | Yes 🗹 | No 🗔 | | |
| Sufficient sample volume for indicated test? | Yes 🗹 | No 🗌 | | |
| All samples received within holding time? | Yes 🗹 | No 🗌 | | |
| Container/Temp Blank temperature: | 4°C | | | |
| Water - VOA vials have zero headspace? | Yes 🔲 | No 🗌 | No VOA vials submitted | |
| Water - pH acceptable upon receipt? | Yes 🔽 | No 🗌 | Not Applicable | |
| | | | | |

Contact and Corrective Action Comments:

Samples for dissolved metals were subsampled, filtered and preserved with 1/2 mL HNO3 in lab upon receipt to pH <2. Samples were subsampled and preserved in lab upon receipt for total metals with 1/2 mL HNO3 and for Nitrate+Nitrite and ammonia with 1/2 mL H2SO4 to pH <2. In accordance with the Drinking Water Act, the metals/hardness sample must be held 24 hours prior to analysis.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602 Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT:

UR Energy USA Inc

Date: 06-Jul-09

Project:

Lost Creek

Sample Delivery Group: C09050548

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS

Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS

The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505

Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT

eli-g - Energy Laboratories, Inc. - Gillette, WY

eli-h - Energy Laboratories, Inc. - Helena, MT

eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA;

Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT



ANALYTICAL SUMMARY REPORT

July 14, 2009

UR Energy USA Inc 10758 W Centennial Rd Ste 200 Ken Caryl Ranch, CO 80127

Workorder No.: C09050629

Quote ID: C2998 - Baseline Monitoring

Project Name:

Lost Creek

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|---------------|------------------|----------------|--------------|---------|--|
| C09050629-001 | M-128 | 05/19/09 00:00 | 05/20/09 | Aqueous | Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved |
| C09050629-002 | M-127 | 05/19/09 00:00 | 05/20/09 | Aqueous | Same As Above |
| C09050629-003 | M-126 | 05/19/09 00:00 | 05/20/09 | Aqueous | Same As Above |
| C09050629-004 | M-125 | 05/19/09 00:00 | 05/20/09 | Aqueous | Same As Above |
| C09050629-005 | M-124 | 05/19/09 00:00 | 05/20/09 | Aqueous | Same As Above |
| C09050629-006 | M-123 | 05/19/09 00:00 | 0 05/20/09 | Aqueous | Same As Above |
| C09050629-007 | M-122 | 05/19/09 00:00 | 0 05/20/09 | Aqueous | Same As Above |
| C09050629-008 | M-119 | 05/19/09 00:00 | 05/20/09 | Aqueous | Same As Above |
| C09050629-009 | MP-110 | 05/19/09 00:00 | 05/20/09 | Aqueous | Same As Above |
| C09050629-010 | MO-110 | 05/19/09 00:00 | 05/20/09 | Aqueous | Same As Above |
| C09050629-011 | MU-110 | 05/19/09 00:00 | 0 05/20/09 | Aqueous | Same As Above |
| C09050629-012 | MO-111 | 05/19/09 00:00 | 0 05/20/09 | Aqueous | Same As Above |
| C09050629-013 | MU-111 | 05/19/09 00:00 | 0 05/20/09 | Aqueous | Same As Above |
| C09050629-014 | MO-112 | 05/19/09 00:00 | 0 05/20/09 | Aqueous | Same As Above |
| C09050629-015 | | 05/19/09 00:0 | 0 05/20/09 | Aqueous | Same As Above |
| C09050629-016 | | 05/19/09 00:0 | 0 05/20/09 | Aqueous | Same As Above |
| C09050629-017 | ' MO-113 | 05/19/09 00:0 | 0 05/20/09 | Aqueous | Same As Above |
| C09050629-018 | MU-113 | 05/19/09 00:0 | 0 05/20/09 | Aqueous | Same As Above |
| C09050629-019 | M-131 | 05/19/09 00:0 | 0 05/20/09 | Aqueous | Same As Above |

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602 Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

C09050629-020 M-132

05/19/09 00:00 05/20/09

Aqueous

Same As Above

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Stephanie D. Waldrop
Reporting Supervisor



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-001

Client Sample ID: M-128

Report Date: 07/11/09 Collection Date: 05/19/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 112 | mg/L | | 1 | | A2320 B | 05/23/09 12:13 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 12:13 / ljl |
| Bicarbonate as HCO3 | 136 | mg/L | | 1 | | A2320 B | 05/23/09 12:13 / ljl |
| Calcium | 75 | mg/L | | 1 | | E200.7 | 06/08/09 20:59 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/27/09 05:58 / Iji |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 13:35 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/09/09 23:24 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 08:27 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/22/09 13:03 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 06/08/09 20:59 / aae |
| Silica | 14.6 | mg/L | | 0.2 | | E200.8 | 06/08/09 21:55 / sml |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 06/08/09 20:59 / aae |
| Sulfate | 154 | mg/L | | 1 | | E300.0 | 05/27/09 05:58 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 519 | umhos/cm | | 1 | | A2510 B | 05/21/09 10:44 / dd |
| pH | 8.24 | s.u. | | 0.01 | | A4500-H B | 05/21/09 10:44 / dd |
| Solids, Total Dissolved TDS @ 180 C | 363 | mg/L | | 10 | | A2540 C | 05/21/09 11:21 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 21:55 / sml |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 05/23/09 00:08 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 00:08 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 21:55 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 00:08 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 00:08 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 00:08 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 21:55 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 00:08 / ts |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.8 | 05/23/09 00:08 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 00:08 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 00:08 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 00:08 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 00:08 / ts |
| Uranium | 0.0839 | mg/L | | 0.0003 | | E200.8 | 05/23/09 00:08 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 00:08 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/15/09 17:12 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 14:21 / cp |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.7 | 06/15/09 14:21 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-001

Client Sample ID: M-128

Report Date: 07/11/09

Collection Date: 05/19/09 DateReceived: 05/20/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|----------------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 114 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Alpha precision (±) | 5.0 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Beta | 33.6 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Beta precision (±) | 2.1 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Beta MDC | 2.6 | p Ci /L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Radium 226 | 1.1 | pCi/L | | | | E903.0 | 06/09/09 09:11 / jah |
| Radium 226 precision (±) | 0.23 | pCi/L | | | | E903.0 | 06/09/09 09:11 / jah |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 06/09/09 09:11 / jah |
| Radium 228 | 1.7 | pCi/L | | | | RA-05 | 06/02/09 09:28 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/02/09 09:28 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/02/09 09:28 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.392 | % | | | | Calculation | 06/15/09 12:29 / kbh |
| Anions | 5.60 | meq/L | | | | Calculation | 06/15/09 12:29 / kbh |
| Cations | 5.56 | meq/L | | | | Calculation | 06/15/09 12:29 / kbh |
| Solids, Total Dissolved Calculated | 361 | mg/L | | | | Calculation | 06/15/09 12:29 / kbh |
| TDS Balance (0.80 - 1.20) | 1.01 | J | | | | Calculation | 06/15/09 12:29 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek C09050629-002

Client Sample ID: M-127

Report Date: 07/11/09

Collection Date: 05/19/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|--------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 109 | mg/L | | 1 | | A2320 B | 05/23/09 12:20 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 12:20 / ljl |
| Bicarbonate as HCO3 | 132 | mg/L | | 1 | | A2320 B | 05/23/09 12;20 / ljl |
| Calcium | 65 | mg/L | | 1 | | E200.7 | 06/08/09 21:04 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/27/09 06:13 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/21/09 13:48 / lji |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/12/09 14:06 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 08:28 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/22/09 13:04 / eli-b |
| Potassium | 10 | mg/L | | 1 | | E200.7 | 06/08/09 21:04 / aae |
| Silica | 13.5 | mg/L | | 0.2 | | E200.8 | 06/15/09 17:19 / sml |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 06/08/09 21:04 / aae |
| Sulfate | 138 | mg/L | | 1 | | E300.0 | 05/27/09 06:13 / ljl |
| Sunate | 130 | ilig/L | | • | | 2000.0 | 30.2/100 30((C)) |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 493 | umhos/cm | | 1 | | A2510 B | 05/21/09 10:46 / dd |
| pH | 8.17 | s.u. | | 0.01 | | A4500-H B | 05/21/09 10:46 / dd |
| Solids, Total Dissolved TDS @ 180 C | 345 | mg/L | | 10 | | A2540 C | 05/21/09 11:21 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 22:02 / sml |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/23/09 00:15 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 00:15 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 22:02 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 00:15 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 00:15 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 00:15 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/15/09 17:19 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 00:15 / ts |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.8 | 05/23/09 00:15 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 00:15 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 00:15 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 00:15 / ts |
| Selenium | 0.005 | mg/L | | 0.001 | | E200.8 | 05/23/09 00:15 / ts |
| Uranium | 0.135 | mg/L | | 0.0003 | | E200.8 | 05/23/09 00:15 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 00:15 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/15/09 17:19 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 14:29 / cp |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.7 | 06/15/09 14:29 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-002

Client Sample ID: M-127

Report Date: 07/11/09 Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 167 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Alpha precision (±) | 5.5 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Beta | 62.9 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Beta precision (±) | 2.5 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Radium 226 | 1.2 | pCi/L | | | | E903.0 | 06/09/09 13:42 / jah |
| Radium 226 precision (±) | 0.23 | pCi/L | | | | E903.0 | 06/09/09 13:42 / jah |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 06/09/09 13:42 / jah |
| Radium 228 | 2.0 | pCi/L | | | | RA-05 | 06/02/09 09:28 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/02/09 09:28 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 06/02/09 09:28 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.166 | % | | | | Calculation | 06/15/09 12:37 / kbh |
| Anions | 5.19 | meq/L | | | | Calculation | 06/15/09 12:37 / kbh |
| Cations | 5.17 | meq/L | | | | Calculation | 06/15/09 12:37 / kbh |
| Solids, Total Dissolved Calculated | 338 | mg/L | | | | Calculation | 06/15/09 12:37 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | _ | | | | Calculation | 06/15/09 12:37 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-003

Client Sample ID: M-126

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09 Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-----|-----------|-----------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 86 | mg/L | | 1 | | A2320 B | 05/23/09 12:42 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 12:42 / lji |
| Bicarbonate as HCO3 | 105 | mg/L | | 1 | | A2320 B | 05/23/09 12:42 / ljl |
| Calcium | 58 | mg/L | | 1 | | E200.7 | 06/08/09 21:10 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/27/09 06:29 / Iji |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 13:51 / Ijl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/09/09 23:30 / aae |
| Nitrogen, Ammonia as N | 0.23 | mg/L | | 0.05 | | E350.1 | 05/26/09 08:30 / eli- |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/22/09 13:05 / eli- |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/08/09 21:10 / aae |
| Silica | 13.6 | mg/L | | 0.2 | | E200.8 | 06/08/09 22:09 / sml |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 06/08/09 21:10 / aae |
| Sulfate | 145 | mg/L | | 1 | | E300.0 | 05/27/09 06:29 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 471 | umhos/cm | | 1 | | A2510 B | 05/21/09 10:49 / dd |
| pH | 8.41 | s.u. | | 0.01 | | A4500-H B | 05/21/09 10:49 / dd |
| Solids, Total Dissolved TDS @ 180 C | 329 | mg/L | | 10 | | A2540 C | 05/21/09 11:21 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 22:09 / sm |
| Arsenic | 0.006 | mg/L | | 0.001 | | E200.8 | 05/23/09 00:22 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 00:22 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 22:09 / sm |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 00:22 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 00:22 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 00:22 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 22:09 / sm |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 00:22 / ts |
| Manganese | 0.10 | mg/L | | 0.01 | | E200.8 | 05/23/09 00:22 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 00:22 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 00:22 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 00:22 / ts |
| Selenium | 0.004 | mg/L | | 0.001 | | E200.8 | 05/23/09 00:22 / ts |
| Uranium | 0.343 | mg/L | | 0.0003 | | E200.8 | 05/23/09 00:22 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 00:22 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/15/09 17:26 / sm |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 14:33 / cp |
| Manganese | 0.11 | mg/L | | 0.01 | | E200.7 | 06/15/09 14:33 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-003

Client Sample ID: M-126

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 454 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Alpha precision (±) | 9.3 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Beta | 108 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Beta precision (±) | 3.0 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Radium 226 | 1.9 | pCi/L | | | | E903.0 | 06/09/09 15:12 / jah |
| Radium 226 precision (±) | 0.29 | pCi/L | | | | E903.0 | 06/09/09 15:12 / jah |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 06/09/09 15:12 / jah |
| Radium 228 | 0.9 | pCi/L | U | | | RA-05 | 06/02/09 09:28 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 06/02/09 09:28 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/02/09 09:28 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.57 | % | | | | Calculation | 06/15/09 12:38 / kbf |
| Anions | 4.93 | meq/L | | | | Calculation | 06/15/09 12:38 / kbl |
| Cations | 4.68 | meq/L | | | | Calculation | 06/15/09 12:38 / kbl |
| Solids, Total Dissolved Calculated | 320 | mg/L | | | | Calculation | 06/15/09 12:38 / kb |
| TDS Balance (0.80 - 1.20) | 1.03 | • | | | | Calculation | 06/15/09 12:38 / kbl |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-004

Client Sample ID: M-125

Report Date: 07/11/09

Collection Date: 05/19/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|-------------|--------------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 111 | mg/L | | 1 | | A2320 B | 05/23/09 12:49 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 12:49 / ljl |
| Bicarbonate as HCO3 | 136 | mg/L | | 1 | | A2320 B | 05/23/09 12:49 / Ijl |
| Calcium | 75 | mg/L | | 1 | | E200.7 | 06/08/09 21:15 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/27/09 06:44 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 13:54 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/09/09 23:35 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 08:31 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.05 | mg/L | | 0.05 | | E353.2 | 05/22/09 13:06 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/08/09 21:15 / aae |
| Silica | 14.3 | mg/L | | 0.2 | | E200.8 | 06/08/09 22:15 / sml |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 06/08/09 21:15 / aae |
| Sulfate | 149 | mg/L | | 1 | | E300.0 | 05/27/09 06:44 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 514 | umhos/cm | | 1 | | A2510 B | 05/21/09 10:51 / dd |
| pH | 8.01 | s.u. | | 0.01 | | A4500-H B | 05/21/09 10:51 / dd |
| Solids, Total Dissolved TDS @ 180 C | 362 | mg/L | | 10 | | A2540 C | 05/21/09 11:22 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 22:15 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 00:56 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 00:56 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 22:15 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 00:56 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 00:56 / ts |
| | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 00:56 / ts |
| Copper | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 22:15 / sml |
| Iron Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 00:56 / ts |
| | 0.01 | mg/L | | 0.01 | | E200.8 | 05/23/09 00:56 / ts |
| Manganese | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 00:56 / ts |
| Mercury | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 00:56 / ts |
| Molybdenum | ND ND | mg/L | | 0.05 | | E200.8 | 05/23/09 00:56 / ts |
| Nickel Selection | 0.012 | mg/L | | 0.001 | | E200.8 | 05/23/09 00:56 / ts |
| Selenium | 0.012 | mg/L | | 0.0003 | | E200.8 | 05/23/09 00:56 / ts |
| Uranium | 0.297 ND | mg/L mg/L | | 0.0003 | | E200.8 | 05/23/09 00:56 / ts |
| Vanadium Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/15/09 17:33 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 14:37 / cp |
| Manganese | ND ND | mg/L | | 0.01 | | E200.7 | 06/15/09 14:37 / cp |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-004

Client Sample ID: M-125

Collection Date: 05/19/09 DateReceived: 05/20/09

Report Date: 07/11/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 400 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Alpha precision (±) | 9,1 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Beta | 90.1 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Beta precision (±) | 2.8 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/11/09 11:00 / cgr |
| Radium 226 | 2.3 | pCi/L | | | | E903.0 | 06/09/09 16:43 / jah |
| Radium 226 precision (±) | 0.31 | pCi/L | | | | E903.0 | 06/09/09 16:43 / jah |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 06/09/09 16:43 / jah |
| Radium 228 | 2.3 | pCi/L | | | | RA-05 | 06/02/09 09:28 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/02/09 09:28 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 06/02/09 09:28 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.708 | % | | | | Calculation | 06/15/09 12:39 / kbh |
| Anions | 5.47 | meq/L | | | | Calculation | 06/15/09 12:39 / kbh |
| Cations | 5.55 | meq/L | | | | Calculation | 06/15/09 12:39 / kbh |
| Solids, Total Dissolved Calculated | 355 | mg/L | | | | Calculation | 06/15/09 12:39 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | - | | | | Calculation | 06/15/09 12:39 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-005

Client Sample ID: M-124

Report Date: 07/11/09

Collection Date: 05/19/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|-------------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | • | • | | | | | |
| Alkalinity, Total as CaCO3 | 112 | mg/L | | 1 | | A2320 B | 05/23/09 13:04 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 13:04 / ljl |
| Bicarbonate as HCO3 | 137 | mg/L | | 1 | | A2320 B | 05/23/09 13:04 / Ijl |
| Calcium | 60 | mg/L | | 1 | | E200.7 | 06/08/09 21:20 / aae |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/27/09 07:00 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/21/09 13:56 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/09/09 23:41 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 08:32 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/22/09 12:39 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/08/09 21:20 / aae |
| Silica | 14.8 | mg/L | | 0.2 | | E200.8 | 06/08/09 22:50 / sml |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 06/08/09 21:20 / aae |
| Sulfate | 107 | mg/L | | 1 | | E300.0 | 05/27/09 07:00 / ljl |
| DUVOICAL PROPERTIES | | | | | | | |
| PHYSICAL PROPERTIES Conductivity | 434 | umhos/cm | | 1 | | A2510 B | 05/21/09 10:53 / dd |
| pH | 8.40 | s.u. | | 0.01 | | A4500-H B | 05/21/09 10:53 / dd |
| Solids, Total Dissolved TDS @ 180 C | 311 | mg/L | | 10 | | A2540 C | 05/21/09 11:22 / rp |
| | | | | | | | |
| METALS - DISSOLVED | ND | | | 0.1 | | E200.8 | 06/08/09 22:50 / sml |
| Aluminum | ND 0.000 | mg/L | | | | E200.8 | 05/23/09 01:03 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/23/09 01:03 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 22:50 / sml |
| Boron | ND | mg/L | | 0.1 | | | 05/23/09 01:03 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | * * |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 01:03 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 01:03 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 22:50 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 01:03 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 01:03 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 01:03 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 01:03 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 01:03 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 01:03 / ts |
| Uranium | 0.0517 | mg/L | | 0.0003 | | E200.8 | 05/23/09 01:03 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 01:03 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/15/09 17:40 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 14:41 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/15/09 14:41 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-005

Client Sample ID: M-124

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|---------------------------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | · · · · · · · · · · · · · · · · · · · |
| Gross Alpha | 61.7 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Alpha precision (±) | 3.6 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Beta | 25.1 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Beta precision (±) | 2.1 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Radium 226 | 1.3 | pCi/L | | | | E903.0 | 06/06/09 23:24 / jah |
| Radium 226 precision (±) | 0.24 | pCi/L | | | | E903.0 | 06/06/09 23:24 / jah |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 06/06/09 23:24 / jah |
| Radium 228 | 1.4 | pCi/L | | | | RA-05 | 06/01/09 12:24 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 06/01/09 12:24 / plj |
| Radium 228 MDC | 1 | pCi/L | | | | RA-05 | 06/01/09 12:24 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.170 | % | | | | Calculation | 06/15/09 12:40 / kbh |
| Anions | 4.60 | meq/L | | | | Calculation | 06/15/09 12:40 / kbh |
| Cations | 4.62 | meq/L | | | | Calculation | 06/15/09 12:40 / kbh |
| Solids, Total Dissolved Calculated | 296 | mg/L | | | | Calculation | 06/15/09 12:40 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | _ | | | | Calculation | 06/15/09 12:40 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek C09050629-006

Client Sample ID: M-123

Report Date: 07/11/09

Collection Date: 05/19/09 DateReceived: 05/20/09

Matrix: Aqueous

| A | Den. II | l Imilar | Ounliff are | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|---------|----------|-------------|--------|-------------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | GOL | Metriod | Allalysis Date / D |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 117 | mg/L | | 1 | | A2320 B | 05/23/09 13:12 / lji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 13:12 / ljl |
| Bicarbonate as HCO3 | 142 | mg/L | | 1 | | A2320 B | 05/23/09 13:12 / ljl |
| Calcium | 61 | mg/L | | 1 | | E200.7 | 06/08/09 21:54 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/27/09 07:15 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 13:59 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/09/09 23:46 / aas |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 08:33 / eli-l |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/22/09 13:07 / eli-l |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/08/09 21:54 / aae |
| Silica | 15.1 | mg/L | | 0.2 | | E200.8 | 06/08/09 22:56 / sml |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 06/08/09 21:54 / aae |
| Sulfate | 120 | mg/L | | 1 | | E300.0 | 05/27/09 07:15 / ljil |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 456 | umhos/cm | | 1 | | A2510 B | 05/21/09 10:55 / dd |
| pH | 8.21 | s.u. | | 0.01 | | A4500-H B | 05/21/09 10:55 / dd |
| Solids, Total Dissolved TDS @ 180 C | 326 | mg/L | | 10 | | A2540 C | 05/21/09 11:23 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 22:56 / sm |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/23/09 01:09 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 01:09 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 22:56 / sm |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 01:09 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 01:09 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 01:09 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 22:56 / sm |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 01:09 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/23/09 01:09 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 01:09 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 01:09 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 01:09 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 01:09 / ts |
| Uranium | 0.0141 | mg/L | | 0.0003 | | E200.8 | 05/23/09 01:09 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 01:09 / ts |
| Zinc | 0.05 | mg/L | | 0.01 | | E200.7 | 06/08/09 21:54 / aad |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 15:34 / cp |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 06/15/09 15:34 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-006

Client Sample ID: M-123

Report Date: 07/11/09

Collection Date: 05/19/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 36.2 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Alpha precision (±) | 2.9 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta | 11.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Radium 226 | 2.8 | pCi/L | | | | E903.0 | 06/07/09 00:57 / jah |
| Radium 226 precision (±) | 0.34 | pCi/L | | | | E903.0 | 06/07/09 00:57 / jah |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 06/07/09 00:57 / jah |
| Radium 228 | 1.9 | pCi/L | | | | RA-05 | 06/01/09 12:24 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 06/01/09 12:24 / plj |
| Radium 228 MDC | 1 | pCi/L | | | | RA-05 | 06/01/09 12:24 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.38 | % | | | | Calculation | 06/15/09 12:41 / kbh |
| Anions | 4.99 | meq/L | | | | Calculation | 06/15/09 12:41 / kbh |
| Cations | 4.76 | meq/L | | | | Calculation | 06/15/09 12:41 / kbh |
| Solids, Total Dissolved Calculated | 316 | mg/L | | | | Calculation | 06/15/09 12:41 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | - | | | | Calculation | 06/15/09 12:41 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-007

Client Sample ID: M-122

Report Date: 07/11/09 Collection Date: 05/19/09

DateReceived: 05/20/09 Matrix: Aqueous

| | | | | | MCL/ | | |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 114 | mg/L | | 1 | | A2320 B | 05/23/09 13:19 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 13:19 / ljl |
| Bicarbonate as HCO3 | 139 | mg/L | | 1 | | A2320 B | 05/23/09 13:19 / ljl |
| Calcium | 59 | mg/L | | 1 | | E200.7 | 06/08/09 22:00 / aae |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/27/09 07:30 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/21/09 14:02 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/10/09 00:03 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 08:34 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/22/09 13:09 / eli-t |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/08/09 22:00 / aae |
| Silica | 15.0 | mg/L | | 0.2 | | E200.8 | 06/08/09 23:03 / sml |
| Sodium | 35 | mg/L | | 1 | | E200.7 | 06/08/09 22:00 / aae |
| Sulfate | 124 | mg/L | | 1 | | E300.0 | 05/27/09 07:30 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 469 | umhos/cm | | 1 | | A2510 B | 05/21/09 10:58 / dd |
| pH | 8.08 | s.u. | | 0.01 | | A4500-H B | 05/21/09 10:58 / dd |
| Solids, Total Dissolved TDS @ 180 C | 334 | mg/L | | 10 | | A2540 C | 05/21/09 11:23 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 23:03 / sml |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/23/09 01:30 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 01:30 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 23:03 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 01:30 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 01:30 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 01:30 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 23:03 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 01:30 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/23/09 01:30 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 01:30 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 01:30 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 01:30 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 01:30 / ts |
| Uranium | 0.0470 | mg/L | | 0.0003 | | E200.8 | 05/23/09 01:30 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 01:30 / ts |
| Zinc | 0.05 | mg/L | | 0.01 | | E200.7 | 06/08/09 22:00 / aae |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 15:38 / cp |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 06/15/09 15:38 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-007

Client Sample ID: M-122

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 78.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Alpha precision (±) | 4.2 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta | 24.7 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Radium 226 | 8.0 | pCi/L | | | | E903.0 | 06/07/09 00:57 / jah |
| Radium 226 precision (±) | 0.56 | pCi/L | | | | E903.0 | 06/07/09 00:57 / jah |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 06/07/09 00:57 / jah |
| Radium 228 | 1.5 | pCi/L | | | | RA-05 | 06/01/09 12:24 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 06/01/09 12:24 / plj |
| Radium 228 MDC | 1 | pCi/L | | | | RA-05 | 06/01/09 12:24 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.99 | % | | | | Calculation | 06/15/09 12:42 / kbh |
| Anions | 5.00 | meq/L | | | | Calculation | 06/15/09 12:42 / kbh |
| Cations | 4.80 | meq/L | | | | Calculation | 06/15/09 12:42 / kbh |
| Solids, Total Dissolved Calculated | 317 | mg/L | | | | Calculation | 06/15/09 12:42 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | - | | | | Calculation | 06/15/09 12:42 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-008

Client Sample ID: M-119

Report Date: 07/11/09 Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 114 | mg/L | | 1 | | A2320 B | 05/23/09 13:27 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 13:27 / ljl |
| Bicarbonate as HCO3 | 139 | mg/L | | 1 | | A2320 B | 05/23/09 13:27 / ljl |
| Calcium | 58 | mg/L | | 1 | | E200.7 | 06/08/09 22:05 / aae |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 05/27/09 07:46 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/21/09 14:05 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/10/09 00:08 / aae |
| Nitrogen, Ammonia as N | 0.06 | mg/L | | 0.05 | | E350.1 | 05/26/09 08:38 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/22/09 14:37 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/08/09 22:05 / aae |
| Silica | 14.4 | mg/L | | 0.2 | | E200.8 | 06/08/09 23:10 / sml |
| Sodium | 35 | mg/L | • | 1 | | E200.7 | 06/08/09 22:05 / aae |
| Sulfate | 126 | mg/L | | 1 | | E300.0 | 05/27/09 07:46 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 472 | umhos/cm | | 1 | | A2510 B | 05/21/09 11:00 / dd |
| pH | 8.06 | s.u. | | 0.01 | | A4500-H B | 05/21/09 11:00 / dd |
| Solids, Total Dissolved TDS @ 180 C | 331 | mg/L | | 10 | | A2540 C | 05/21/09 11:23 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 23:10 / sml |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/23/09 01:36 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 01:36 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 23:10 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 01:36 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 01:36 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 01:36 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 23:10 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 01:36 / ts |
| Manganese | 0.04 | mg/L | | 0.01 | | E200.8 | 05/23/09 01:36 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 01:36 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 01:36 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 01:36 / ts |
| Selenium | 0.001 | mg/L | | 0.001 | | E200.8 | 05/23/09 01:36 / ts |
| Uranium | 0.0768 | mg/L | | 0.0003 | | E200.8 | 05/23/09 01:36 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 01:36 / ts |
| Zinc | 0.05 | mg/L | | 0.01 | | E200.7 | 06/08/09 22:05 / aae |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 15:42 / cp |
| Manganese | 0.04 | mg/L | | 0.01 | | E200.7 | 06/15/09 15:42 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-008

Client Sample ID: M-119

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 122 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Alpha precision (±) | 5.2 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta | 27.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Radium 226 | 1.1 | pCi/L | | | | E903.0 | 06/07/09 00:57 / jah |
| Radium 226 precision (±) | 0.22 | pCi/L | | | | E903.0 | 06/07/09 00:57 / jah |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 06/07/09 00:57 / jah |
| Radium 228 | 1.7 | pCi/L | | | | RA-05 | 06/01/09 12:24 / plj |
| Radium 228 precision (±) | 0.6 | pCi/L | | | | RA-05 | 06/01/09 12:24 / plj |
| Radium 228 MDC | 1 | pCi/L | | | | RA-05 | 06/01/09 12:24 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.72 | % | | | | Calculation | 06/15/09 12:43 / kbh |
| Anions | 5.02 | meq/L | | | | Calculation | 06/15/09 12:43 / kbh |
| Cations | 4.76 | meq/L | | | | Calculation | 06/15/09 12:43 / kbh |
| Solids, Total Dissolved Calculated | 318 | mg/L | | | | Calculation | 06/15/09 12:43 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | - | | | | Calculation | 06/15/09 12:43 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-009

Client Sample ID: MP-110

Report Date: 07/11/09 Collection Date: 05/19/09 DateReceived: 05/20/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 105 | mg/L | | 1 | | A2320 B | 05/23/09 13:34 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 13:34 / ljl |
| Bicarbonate as HCO3 | 128 | mg/L | | 1 | | A2320 B | 05/23/09 13:34 / ljl |
| Calcium | 54 | mg/L | | 1 | | E200.7 | 06/16/09 13:49 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 05/27/09 08:47 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/21/09 14:08 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 13:49 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 08:41 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/22/09 14:40 / eli-b |
| Potassium | 10 | mg/L | | 1 | | E200.7 | 06/16/09 13:49 / aae |
| Silica | 13.6 | mg/L | | 0.2 | | E200.8 | 06/08/09 23:17 / sml |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 06/16/09 13:49 / aae |
| Sulfate | 129 | mg/L | | 1 | | E300.0 | 05/27/09 08:47 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 466 | umhos/cm | | 1 | | A2510 B | 05/21/09 11:04 / dd |
| На | 8.26 | s.u. | | 0.01 | | A4500-H B | 05/21/09 11:04 / dd |
| Solids, Total Dissolved TDS @ 180 C | 328 | mg/L | | 10 | | A2540 C | 05/21/09 13:10 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 23:17 / sml |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 05/23/09 01:43 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 01:43 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 23:17 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 01:43 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 01:43 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 01:43 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 23:17 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 01:43 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 01:43 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 01:43 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 01:43 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 01:43 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 01:43 / ts |
| Uranium | 0.254 | mg/L | | 0.0003 | | E200.8 | 05/23/09 01:43 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 01:43 / ts |
| Zinc | 0.04 | mg/L | | 0.01 | | E200.7 | 06/08/09 22:16 / aae |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 15:46 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/15/09 15:46 / ср |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-009

Client Sample ID: MP-110

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 1690 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Alpha precision (±) | 18.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta | 507 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta precision (±) | 5.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Radium 226 | 675 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 226 precision (±) | 4.9 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 228 | 5.9 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.35 | % | | | | Calculation | 06/18/09 07:50 / kbh |
| Anions | 4.94 | meq/L | | | | Calculation | 06/18/09 07:50 / kbh |
| Cations | 4.62 | meq/L | | | | Calculation | 06/18/09 07:50 / kbh |
| Solids, Total Dissolved Calculated | 315 | mg/L | | | | Calculation | 06/18/09 07:50 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | _ | | | | Calculation | 06/18/09 07:50 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-010

Client Sample ID: MO-110

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|--------------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 95 | mg/L | | 1 | | A2320 B | 05/23/09 13:41 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 13:41 / ljl |
| Bicarbonate as HCO3 | 115 | mg/L | | 1 | | A2320 B | 05/23/09 13:41 / ljl |
| Calcium | 47 | mg/L | | 1 | | E200.7 | 06/08/09 22:21 / aae |
| Chloride | 7 | mg/L | | 1 | | E300.0 | 05/27/09 09:34 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 14:10 / ljl |
| Magnesium | 1 | mg/L | | 1 | | E200.7 | 06/10/09 00:42 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 08:43 / eli-l |
| Nitrogen, Nitrate+Nitrite as N | 0.13 | mg/L | | 0.05 | | E353.2 | 05/22/09 14:42 / eli-l |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/08/09 22:21 / aae |
| Silica | 11.7 | mg/L | | 0.2 | | E200.8 | 06/08/09 23:23 / sml |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 06/08/09 22:21 / aae |
| Sulfate | 99 | mg/L | | 1 | | E300.0 | 05/27/09 09:34 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 398 | umhos/cm | | 1 | | A2510 B | 05/21/09 11:06 / dd |
| pH | 8.57 | s.u. | | 0.01 | | A4500-H B | 05/21/09 11:06 / dd |
| Solids, Total Dissolved TDS @ 180 C | 283 | mg/L | | 10 | | A2540 C | 05/21/09 13:10 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 23:23 / sml |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/23/09 01:50 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 01:50 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 23:23 / sm |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 01:50 / ts |
| Chromium | ND | mg/ L | | 0.05 | | E200.8 | 05/23/09 01:50 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 01:50 / ts |
| iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 23:23 / sml |
| Lead | 0.002 | mg/L | | 0.001 | | E200.8 | 05/23/09 01:50 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 01:50 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 01:50 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 01:50 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 01:50 / ts |
| Selenium | 0.019 | mg/L | | 0.001 | | E200.8 | 05/23/09 01:50 / ts |
| Uranium | 0.302 | mg/L | | 0.0003 | | E200.8 | 05/23/09 01:50 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 01:50 / ts |
| Zinc | 0.04 | mg/L | | 0.01 | | E200.7 | 06/08/09 22:21 / aae |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 15:50 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/15/09 15:50 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-010

Client Sample ID: MO-110

Report Date: 07/11/09 Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | · | |
| Gross Alpha | 319 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Alpha precision (±) | 7.1 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Beta | 98.8 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Beta precision (±) | 2.9 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Radium 226 | 2.5 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 226 precision (±) | 0.32 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 228 | 2.5 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.15 | % | | | | Calculation | 06/15/09 12:47 / kbh |
| Anions | 4.19 | meq/L | | | | Calculation | 06/15/09 12:47 / kbh |
| Cations | 4.01 | meq/L | | | | Calculation | 06/15/09 12:47 / kbh |
| Solids, Total Dissolved Calculated | 265 | mg/L | | | | Calculation | 06/15/09 12:47 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 06/15/09 12:47 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-011

Client Sample ID: MU-110

Report Date: 07/11/09

Collection Date: 05/19/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 32 | mg/L | В | 1 | | A2320 B | 05/23/09 13:48 / ljl |
| Carbonate as CO3 | 8 | mg/L | | 1 | | A2320 B | 05/23/09 13:48 / ljl |
| Bicarbonate as HCO3 | 22 | mg/L | В | 1 | | A2320 B | 05/23/09 13:48 / ljl |
| Calcium | 24 | mg/L | | 1 | | E200.7 | 06/08/09 22:27 / aae |
| Chloride | 8 | mg/L | | 1 | | E300.0 | 05/27/09 09:49 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 14:19 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/10/09 00:47 / aae |
| Nitrogen, Ammonia as N | 0.15 | mg/L | | 0.05 | | E350.1 | 05/26/09 08:44 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/22/09 14:43 / eli-b |
| Potassium | 12 | mg/L | | 1 | | E200.7 | 06/08/09 22:27 / aae |
| Silica | 13.0 | mg/L | | 0.2 | | E200.8 | 06/09/09 00:18 / sml |
| Sodium | 35 | mg/L | | 1 | | E200.7 | 06/08/09 22:27 / aae |
| Sulfate | 106 | mg/L | | 1 | | E300.0 | 05/27/09 09:49 / Ijl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 337 | umhos/cm | | 1 | | A2510 B | 05/21/09 11:08 / dd |
| pH | 9.75 | s.u. | | 0.01 | | A4500-H B | 05/21/09 11:08 / dd |
| Solids, Total Dissolved TDS @ 180 C | 242 | mg/L | | 10 | | A2540 C | 05/21/09 13:10 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | 0.1 | mg/L | | 0.1 | | E200.8 | 06/09/09 00:18 / sml |
| Arsenic | 0.021 | mg/L | | 0.001 | | E200.8 | 05/23/09 02:24 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 02:24 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 00:18 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 02:24 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 02:24 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 02:24 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/09/09 00:18 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 02:24 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 02:24 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 02:24 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 02:24 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 02:24 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 02:24 / ts |
| Uranium | 0.0683 | mg/L | | 0.0003 | | E200.8 | 05/23/09 02:24 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 02:24 / ts |
| Zinc | 0.03 | mg/L | | 0.01 | | E200.7 | 06/08/09 22:27 / aae |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 16:02 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/15/09 16:02 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level. ND - Not detected at the reporting limit.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-011

Client Sample ID: MU-110

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL_ | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|-----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | - | | | | | | |
| Gross Alpha | 92.2 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Alpha precision (±) | 4.4 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta | 33.5 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta precision (±) | 2.1 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Radium 226 | 2.5 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 226 precision (±) | 0.33 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 228 | 4.0 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 precision (±) | 1,1 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.171 | % | | | | Calculation | 06/15/09 12:48 / kbh |
| Anions | 3.10 | meq/L | | | | Calculation | 06/15/09 12:48 / kbh |
| Cations | 3.09 | meq/L | | | | Calculation | 06/15/09 12:48 / kbh |
| Solids, Total Dissolved Calculated | 222 | mg/L | | | | Calculation | 06/15/09 12:48 / kbh |
| TDS Balance (0.80 - 1.20) | 1.09 | - | | | | Calculation | 06/15/09 12:48 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-012

Client Sample ID: MO-111

Report Date: 07/11/09

Collection Date: 05/19/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|------------|----------|------------|--------|-------------|------------------|------------------------|
| MAJOR IONS | | | | | • | | |
| | 91 | ~~/l | | 1 | | A2320 B | 05/23/09 13:55 / ljl |
| Alkalinity, Total as CaCO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 13:55 / ljl |
| Carbonate as CO3 | 111 | mg/L | | 1 | | A2320 B | 05/23/09 13:55 / ljl |
| Bicarbonate as HCO3 | | mg/L | | 1 | | E200.7 | 06/08/09 22:32 / aae |
| Calcium | 45 6 | mg/L | | 1 | | E300.0 | 05/27/09 10:05 / ljl |
| Chloride | | mg/L | | 0.1 | | A4500-F C | 05/21/09 14:34 / ljl |
| Fluoride | 0.2 | mg/L | | 1 | | E200.7 | 06/10/09 00:53 / aae |
| Magnesium | 2 | mg/L | | 0.05 | | E350.1 | 05/26/09 08:45 / eli-b |
| Nitrogen, Ammonia as N | ND 0.40 | mg/L | | 0.05 | | E353.2 | 05/22/09 14:44 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.16 | mg/L | | 1 | | E200.7 | 06/08/09 22:32 / aae |
| Potassium | 3 | mg/L | | | | E200.7 E200.8 | 06/09/09 00:25 / sml |
| Silica | 12.7 | mg/L | | 0.2 | | | 06/08/09 22:32 / aae |
| Sodium | 31 | mg/L | | 1 | | E200.7 | |
| Sulfate | 94 | mg/L | | 1 | | E300.0 | 05/27/09 10:05 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 380 | umhos/cm | | 1 | | A2510 B | 05/21/09 11:10 / dd |
| рН | 8.15 | s.u. | | 0.01 | | A4500-H B | 05/21/09 11:10 / dd |
| Solids, Total Dissolved TDS @ 180 C | 265 | mg/L | | 10 | | A2540 C | 05/21/09 13:11 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 00:25 / sml |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/23/09 02:31 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 02:31 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 00:25 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 02:31 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 02:31 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 02:31 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/09/09 00:25 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 02:31 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 02:31 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 02:31 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 02:31 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 02:31 / ts |
| Selenium | 0.021 | mg/L | | 0.001 | | E200.8 | 05/23/09 02:31 / ts |
| Uranium | 0.288 | mg/L | | 0.0003 | | E200.8 | 05/23/09 02:31 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 02:31 / ts |
| Zinc | 0.06 | mg/L | | 0.01 | | E200.7 | 06/08/09 22:32 / aae |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 16:22 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/15/09 16:22 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-012

Client Sample ID: MO-111

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 298 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Alpha precision (±) | 6.9 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Beta | 136 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Beta precision (±) | 3.3 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Radium 226 | 5.5 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 226 precision (±) | 0.51 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 228 | 2.5 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 MDC | 1.7 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.64 | % | | | | Calculation | 06/15/09 12:49 / kbh |
| Anions | 3.98 | meq/L | | | | Calculation | 06/15/09 12:49 / kbh |
| Cations | 3.85 | meq/L | | | | Calculation | 06/15/09 12:49 / kbh |
| Solids, Total Dissolved Calculated | 253 | mg/L | | | | Calculation | 06/15/09 12:49 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | - | | | | Calculation | 06/15/09 12:49 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-013

Client Sample ID: MU-111

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 75 | mg/L | | 1 | | A2320 B | 05/23/09 14:17 / ljl |
| Carbonate as CO3 | 1 | mg/L | | 1 | | A2320 B | 05/23/09 14:17 / ljl |
| Bicarbonate as HCO3 | 89 | mg/L | | 1 | | A2320 B | 05/23/09 14:17 / ljl |
| Calcium | 47 | mg/L | | 1 | | E200.7 | 06/08/09 22:38 / aae |
| Chloride | 7 | mg/L | | 1 | | E300.0 | 05/27/09 10:20 / ljl |
| Fluoride | 0.2 | mg/L | | 0,1 | | A4500-F C | 05/21/09 14:37 / ljl |
| Magnesium | 1 | mg/L | | 1 | | E200.7 | 06/10/09 00:58 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 08:46 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/22/09 14:45 / eli-b |
| Potassium | 13 | mg/L | | 1 | | E200.7 | 06/08/09 22:38 / aae |
| Silica | 12.7 | mg/L | | 0.2 | | E200.8 | 06/09/09 00:32 / sml |
| Sodium | 38 | mg/L | | 1 | | E200.7 | 06/08/09 22:38 / aae |
| Sulfate | 133 | mg/L | | 1 | | E300.0 | 05/27/09 10:20 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 449 | umhos/cm | | 1 | | A2510 B | 05/21/09 11:12 / dd |
| pH | 8.88 | s.u. | | 0.01 | | A4500-H B | 05/21/09 11:12 / dd |
| Solids, Total Dissolved TDS @ 180 C | 311 | mg/L | | 10 | | A2540 C | 05/21/09 13:11 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | 0.1 | mg/L | | 0.1 | | E200.8 | 06/09/09 00:32 / sml |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/23/09 04:13 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 04:13 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 00:32 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 04:13 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 04:13 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 04:13 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/09/09 00:32 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 04:13 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 04:13 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 04:13 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 04:13 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 04:13 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 04:13 / ts |
| Uranium | 0.0305 | mg/L | | 0.0003 | | E200.8 | 05/23/09 04:13 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 04:13 / ts |
| Zinc | 0.04 | mg/L | | 0.01 | | E200.7 | 06/08/09 22:38 / aae |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 16:26 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/15/09 16:26 / cp |

Report Definitions:

RL - Analyte reporting limit.

itions: QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-013

Client Sample ID: MU-111

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|---------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 233 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Alpha precision (±) | 6.9 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta | 91.5 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta precision (±) | 2.8 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Radium 226 | 109 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 226 precision (±) | 1.9 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 226 MDC | 0.16 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 228 | 6.2 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.0922 | % | | | | Calculation | 06/15/09 12:49 / kbh |
| Anions | 4.48 | meg/L | | | | Calculation | 06/15/09 12:49 / kbh |
| Cations | 4.47 | meq/L | | | | Calculation | 06/15/09 12:49 / kbh |
| Solids, Total Dissolved Calculated | 302 | mg/L | | | | Calculation | 06/15/09 12:49 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | - | | | | Calculation | 06/15/09 12:49 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-014

Client Sample ID: MO-112

Report Date: 07/11/09

Collection Date: 05/19/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | - | | | | | | |
| Alkalinity, Total as CaCO3 | 73 | mg/L | | 1 | | A2320 B | 05/23/09 14:24 / ljl |
| Carbonate as CO3 | 4 | mg/L | | 1 | | A2320 B | 05/23/09 14:24 / ljl |
| Bicarbonate as HCO3 | 81 | mg/L | | 1 | | A2320 B | 05/23/09 14:24 / ljl |
| Calcium | 38 | mg/L | | 1 | | E200.7 | 06/15/09 11:33 / cp |
| Chloride | 7 | mg/L | | 1 | | E300.0 | 05/27/09 10:35 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 14:40 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/15/09 11:33 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 08:47 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.33 | mg/L | | 0.05 | | E353.2 | 05/22/09 14:46 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/15/09 11:33 / cp |
| Silica | 14.2 | mg/L | | 0.2 | | E200.8 | 06/09/09 00:38 / sml |
| Sodium | 26 | mg/L | | 1 | | E200.7 | 06/15/09 11:33 / cp |
| Sulfate | 82 | mg/L | | 1 | | E300.0 | 05/27/09 10:35 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 329 | umhos/cm | | 1 | | A2510 B | 05/21/09 11:14 / dd |
| рН | 8.88 | s.u. | | 0.01 | | A4500-H B | 05/21/09 11:14 / dd |
| Solids, Total Dissolved TDS @ 180 C | 229 | mg/L | | 10 | | A2540 C | 05/21/09 13:11 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 00:38 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 04:20 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 04:20 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 00:38 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 04:20 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 04:20 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 04:20 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/09/09 00:38 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 04:20 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 04:20 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 04:20 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 04:20 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 04:20 / ts |
| Selenium | 0.030 | mg/L | | 0.001 | | E200.8 | 05/23/09 04:20 / ts |
| Uranium | 0.312 | mg/L | | 0.0003 | | E200.8 | 05/23/09 04:20 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 04:20 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/15/09 17:46 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 16:30 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/15/09 16:30 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-014

Client Sample ID: MO-112

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09 Matrix: Aqueous

| | | | | | MOL / | | |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 287 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Alpha precision (±) | 6.5 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Beta | 110 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Beta precision (±) | 3.0 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 07/07/09 01:20 / cgr |
| Radium 226 | 1.3 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 226 precision (±) | 0.28 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 226 MDC | 0.23 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 228 | 0.7 | pCi/L | U | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 MDC | 1.9 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.09 | % | | | | Calculation | 06/18/09 07:51 / kbh |
| Anions | 3.40 | meq/L | | | | Calculation | 06/18/09 07:51 / kbh |
| Cations | 3.26 | meq/L | | | | Calculation | 06/18/09 07:51 / kbh |
| Solids, Total Dissolved Calculated | 225 | mg/L | | | | Calculation | 06/18/09 07:51 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | - | | | | Calculation | 06/18/09 07:51 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-015

Client Sample ID: MP-112

Report Date: 07/11/09

Collection Date: 05/19/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | - | - | | | |
| Alkalinity, Total as CaCO3 | 33 | mg/L | ₿ | 1 | | A2320 B | 05/23/09 14:55 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 14:55 / ljl |
| Bicarbonate as HCO3 | 41 | mg/L | В | 1 | | A2320 B | 05/23/09 14:55 / ljl |
| Calcium | 33 | mg/L | | 1 | | E200.7 | 06/15/09 11:49 / cp |
| Chloride | 7 | mg/L | | 1 | | E300.0 | 05/27/09 10:51 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 14:43 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/15/09 11:49 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 08:49 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/22/09 14:47 / eli-b |
| Potassium | 10 | mg/L | | 1 | | E200.7 | 06/15/09 11:49 / cp |
| Silica | 11.6 | mg/L | | 0.2 | | E200.8 | 06/09/09 00:45 / sml |
| Sodium | 36 | mg/L | | 1 | | E200.7 | 06/15/09 11:49 / cp |
| Sulfate | 126 | mg/L | | 1 | | E300.0 | 05/27/09 10:51 / lji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 367 | umhos/cm | | 1 | | A2510 B | 05/21/09 11:16 / dd |
| pH | 9.21 | s.u. | | 0.01 | | A4500-H B | 05/21/09 11:16 / dd |
| Solids, Total Dissolved TDS @ 180 C | 257 | mg/L | | 10 | | A2540 C | 05/21/09 13:12 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | 0.2 | mg/L | | 0.1 | | E200.8 | 06/09/09 00:45 / sml |
| Arsenic | 0.027 | mg/L | | 0.001 | | E200.8 | 05/23/09 04:26 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 04:26 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 00:45 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 04:26 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 04:26 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 04:26 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/09/09 00:45 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 04:26 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 04:26 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 04:26 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 04:26 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 04:26 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 04:26 / ts |
| Uranium | 0.408 | mg/L | | 0.0003 | | E200.8 | 05/23/09 04:26 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 04:26 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/15/09 17:53 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 16:34 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/15/09 16:34 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

B - The analyte was detected in the method blank.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-015

Client Sample ID: MP-112

Report Date: 07/11/09

Collection Date: 05/19/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 885 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Alpha precision (±) | 13.4 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta | 261 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta precision (±) | 4.2 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Radium 226 | 127 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 226 precision (±) | 2.2 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 06/07/09 22:01 / jah |
| Radium 228 | 2.4 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.338 | % | | | | Calculation | 06/18/09 07:52 / kbh |
| Anions | 3.49 | meq/L | | | | Calculation | 06/18/09 07:52 / kbh |
| Cations | 3.46 | meq/L | | | | Calculation | 06/18/09 07:52 / kbh |
| Solids, Total Dissolved Calculated | 249 | mg/L | | | | Calculation | 06/18/09 07:52 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | _ | | | | Calculation | 06/18/09 07:52 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-016

Client Sample ID: MU-112

Report Date: 07/11/09

Collection Date: 05/19/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|------------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 55 | mg/L | | 1 | | A2320 B | 05/23/09 15:02 / ljl |
| Carbonate as CO3 | 1 | mg/L | | 1 | | A2320 B | 05/23/09 15:02 / ljl |
| Bicarbonate as HCO3 | 65 | mg/L | | 1 | | A2320 B | 05/23/09 15:02 / ljl |
| Calcium | 43 | mg/L | | 1 | | E200.7 | 06/15/09 11:53 / cp |
| Chloride | 1 1 | mg/L | | 1 | | E300.0 | 05/27/09 11:06 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 14:45 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/15/09 11:53 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 08:52 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/22/09 14:49 / eli-b |
| Potassium | 10 | mg/L | | 1 | | E200.7 | 06/15/09 11:53 / cp |
| Silica | 13.7 | mg/L | | 0.2 | | E200.8 | 06/09/09 00:52 / sml |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 06/15/09 11:53 / cp |
| Sulfate | 116 | mg/L | | 1 | | E300.0 | 05/27/09 11:06 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 393 | umhos/cm | | 1 | | A2510 B | 05/21/09 11:17 / dd |
| pH | 9.07 | s.u. | | 0.01 | | A4500-H B | 05/21/09 11:17 / dd |
| Solids, Total Dissolved TDS @ 180 C | 278 | mg/L | | 10 | | A2540 C | 05/21/09 13:13 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 00:52 / sml |
| Arsenic | 0.009 | mg/L | | 0.001 | | E200.8 | 05/23/09 04:33 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 04:33 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 00:52 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 04:33 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 04:33 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 04:33 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/09/09 00:52 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 04:33 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 04:33 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 04:33 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 04:33 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 04:33 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 04:33 / ts |
| Uranium | 0.0065 | mg/L | | 0.0003 | | E200.8 | 05/23/09 04:33 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 04:33 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/15/09 18:00 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 16:38 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/15/09 16:38 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-016

Client Sample ID: MU-112

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|----------|--------|------------|-------|-------------|-------------|----------------------|
| Allalyses | - 100011 | Office | | 1 100 | | | |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 22.0 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Alpha precision (±) | 2.3 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta | 14.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/12/09 01:30 / cgr |
| Radium 226 | 1.8 | pCi/L | | | | E903.0 | 06/08/09 00:01 / jah |
| Radium 226 precision (±) | 0.28 | pCi/L | | | | E903.0 | 06/08/09 00:01 / jah |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 06/08/09 00:01 / jah |
| Radium 228 | 3.3 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 1.42 | % | | | | Calculation | 06/18/09 07:53 / kbh |
| Anions | 3.84 | meq/L | | | | Calculation | 06/18/09 07:53 / kbh |
| Cations | 3.95 | meq/L | | | | Calculation | 06/18/09 07:53 / kbh |
| Solids, Total Dissolved Calculated | 269 | mg/L | | | | Calculation | 06/18/09 07:53 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | - | | | | Calculation | 06/18/09 07:53 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-017

Client Sample ID: MO-113

Report Date: 07/11/09 Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 104 | mg/L | | 1 | | A2320 B | 05/23/09 15:09 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 15:09 / ljl |
| Bicarbonate as HCO3 | 127 | mg/L | | 1 | | A2320 B | 05/23/09 15:09 / ljl |
| Calcium | 50 | mg/L | | 1 | | E200.7 | 06/10/09 01:49 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 05/27/09 11:22 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 14:48 / iji |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/10/09 01:49 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 08:56 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.15 | mg/L | | 0.05 | | E353.2 | 05/22/09 14:59 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/10/09 01:49 / aae |
| Silica | 13.1 | mg/L | | 0.2 | | E200.8 | 06/09/09 00:59 / sml |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 06/10/09 01:49 / aae |
| Sulfate | 101 | mg/L | | 1 | | E300.0 | 05/27/09 11:22 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 418 | umhos/cm | | 1 | | A2510 B | 05/21/09 11:20 / dd |
| pH | 8.10 | s.u. | | 0.01 | | A4500-H B | 05/21/09 11:20 / dd |
| Solids, Total Dissolved TDS @ 180 C | 299 | mg/L | | 10 | | A2540 C | 05/21/09 13:13 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 00:59 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 04:53 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 04:53 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 00:59 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 04:53 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 04:53 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 04:53 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/09/09 00:59 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 04:53 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 04:53 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 04:53 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 04:53 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 04:53 / ts |
| Selenium | 0.040 | mg/L | | 0.001 | | E200.8 | 05/23/09 04:53 / ts |
| Uranium | 0.581 | mg/L | | 0.0003 | | E200.8 | 05/23/09 04:53 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 04:53 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/15/09 18:07 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 16:42 / cp |
| | ND | mg/L | | 0.01 | | E200.7 | 06/15/09 16:42 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-017

Client Sample ID: MO-113

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 568 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Alpha precision (±) | 10.6 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Beta | 175 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Beta precision (±) | 3.5 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Radium 226 | 37 | pCi/L | | | | E903.0 | 06/08/09 00:01 / jah |
| Radium 226 precision (±) | 1.2 | pCi/L | | | | E903.0 | 06/08/09 00:01 / jah |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 06/08/09 00:01 / jah |
| Radium 228 | 1.5 | pCi/L | U | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.94 | % | | | | Calculation | 06/15/09 12:55 / kbh |
| Anions | 4.38 | meq/L | | | | Calculation | 06/15/09 12:55 / kbh |
| Cations | 4.04 | meq/L | | | | Calculation | 06/15/09 12:55 / kbh |
| Solids, Total Dissolved Calculated | 255 | mg/L | | | | Calculation | 06/15/09 12:55 / kbh |
| TDS Balance (0.80 - 1.20) | 1.17 | • | | | | Calculation | 06/15/09 12:55 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-018

Client Sample ID: MU-113

Report Date: 07/11/09

Collection Date: 05/19/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | QCL MCL/ | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 75 | mg/L | | 1 | | A2320 B | 05/23/09 15:17 / lji |
| Carbonate as CO3 | 6 | mg/L | | 1 | | A2320 B | 05/23/09 15:17 / ljl |
| Bicarbonate as HCO3 | 81 | mg/L | | 1 | | A2320 B | 05/23/09 15:17 / ljl |
| Calcium | 52 | mg/L | | 1 | | E200.7 | 06/15/09 12:01 / cp |
| Chloride | 9 | mg/L | | 1 | | E300.0 | 05/27/09 11:37 / lji |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 14:51 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/15/09 12:01 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 08:57 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/22/09 15:01 / eli-b |
| Potassium | 10 | mg/L | | 1 | | E200.7 | 06/15/09 12:01 / cp |
| Silica | 12.5 | mg/L | | 0.2 | | E200.8 | 06/09/09 01:05 / sml |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/15/09 12:01 / cp |
| Sulfate | 118 | mg/L | | 1 | | E300.0 | 05/27/09 11:37 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 424 | umhos/cm | | 1 | | A2510 B | 05/21/09 11:21 / dd |
| pH | 9.17 | s.u. | | 0.01 | | A4500-H B | 05/21/09 11:21 / dd |
| Solids, Total Dissolved TDS @ 180 C | 314 | mg/L | | 10 | | A2540 C | 05/21/09 13:13 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 01:05 / sml |
| Arsenic | 0.018 | mg/L | | 0.001 | | E200.8 | 05/23/09 05:00 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 05:00 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 01:05 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 05:00 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 05:00 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 05:00 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/09/09 01:05 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 05:00 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 05:00 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 05:00 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 05:00 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 05:00 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 05:00 / ts |
| Uranium | 0.0216 | mg/L | | 0.0003 | | E200.8 | 05/23/09 05:00 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 05:00 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/15/09 18:41 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 16:46 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/15/09 16:46 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-018

Client Sample ID: MU-113

Report Date: 07/11/09

Collection Date: 05/19/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 39.2 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Alpha precision (±) | 2.9 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Beta | 18.8 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Radium 226 | 2.6 | pCi/L | | | | E903.0 | 06/08/09 00:01 / jah |
| Radium 226 precision (±) | 0.32 | pCi/L | | | | E903.0 | 06/08/09 00:01 / jah |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 06/08/09 00:01 / jah |
| Radium 228 | 4.0 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 06/01/09 14:32 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.912 | % | | | | Calculation | 06/18/09 07:54 / kbh |
| Anions | 4.22 | meq/L | | | | Calculation | 06/18/09 07:54 / kbh |
| Cations | 4.30 | meq/L | | | | Calculation | 06/18/09 07:54 / kbh |
| Solids, Total Dissolved Calculated | 286 | mg/L | | | | Calculation | 06/18/09 07:54 / kbh |
| TDS Balance (0.80 - 1.20) | 1.10 | - | | | | Calculation | 06/18/09 07:54 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-019

Client Sample ID: M-131

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 96 | mg/L | | 1 | | A2320 B | 05/23/09 15:24 / ljl |
| Carbonate as CO3 | 2 | mg/L | | 1 | | A2320 B | 05/23/09 15:24 / ljl |
| Bicarbonate as HCO3 | 113 | mg/L | | 1 | | A2320 B | 05/23/09 15:24 / ljl |
| Calcium | 50 | mg/L | | 1 | | E200.7 | 06/15/09 12:05 / cp |
| Chloride | 7 | mg/L | | 1 | | E300.0 | 05/27/09 12:23 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/21/09 14:54 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/15/09 12:05 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 08:58 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.13 | mg/L | | 0.05 | | E353.2 | 05/22/09 15:02 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/15/09 12:05 / cp |
| Silica | 11.8 | mg/L | | 0.2 | | E200.8 | 06/09/09 01:12 / sml |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/15/09 12:05 / cp |
| Sulfate | 98 | mg/L | | 1 | | E300.0 | 05/27/09 12:23 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 399 | umhos/cm | | 1 | | A2510 B | 05/21/09 11:35 / dd |
| pH | 8.50 | s.u. | | 0.01 | | A4500-H B | 05/21/09 11:35 / dd |
| Solids, Total Dissolved TDS @ 180 C | 290 | mg/L | | 10 | | A2540 C | 05/21/09 13:14 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 01:12 / sml |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/23/09 05:07 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 05:07 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 01:12 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 05:07 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 05:07 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 05:07 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/09/09 01:12 / sml |
| Lead | 0.002 | mg/L | | 0.001 | | E200.8 | 05/23/09 05:07 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 05:07 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 05:07 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 05:07 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 05:07 / ts |
| Selenium | 0.018 | mg/L | | 0.001 | | E200.8 | 05/23/09 05:07 / ts |
| Uranium | 0.292 | mg/L | | 0.0003 | | E200.8 | 05/23/09 05:07 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 05:07 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/15/09 20:37 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 16:51 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/15/09 16:51 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek C09050629-019

Client Sample ID: M-131

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | · · | | | | | |
| Gross Alpha | 306 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Alpha precision (±) | 7.7 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Beta | 75.9 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Beta precision (±) | 2.6 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/12/09 13:34 / cgr |
| Radium 226 | 2.7 | pCi/L | | | | E903.0 | 06/07/09 21:58 / jah |
| Radium 226 precision (±) | 0.36 | pCi/L | | | | E903.0 | 06/07/09 21:58 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/07/09 21:58 / jah |
| Radium 228 | 1.2 | pCi/L | U | | | RA-05 | 06/02/09 11:50 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/02/09 11:50 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/02/09 11:50 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.72 | % | | | | Calculation | 06/18/09 07:55 / kbh |
| Anions | 4.17 | meq/L | | | | Calculation | 06/18/09 07:55 / kbh |
| Cations | 4.03 | meq/L | | | | Calculation | 06/18/09 07:55 / kbh |
| Solids, Total Dissolved Calculated | 267 | mg/L | | | | Calculation | 06/18/09 07:55 / kbh |
| TDS Balance (0.80 - 1.20) | 1.09 | - | | | | Calculation | 06/18/09 07:55 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-020

Client Sample ID: M-132

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 1 | mg/L | В | 1 | | A2320 B | 05/23/09 15:29 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 15:29 / ljl |
| Bicarbonate as HCO3 | 1 | mg/L | В | 1 | | A2320 B | 05/23/09 15:29 / ljl |
| Calcium | ND | mg/L | | 1 | | E200.7 | 06/10/09 02:05 / aae |
| Chloride | ND | mg/L | | 1 | | E300.0 | 05/27/09 12:39 / ljl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 05/21/09 15:01 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/10/09 02:05 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 08:59 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/22/09 15:03 / eli-b |
| Potassium | ND | mg/L | | 1 | | E200.7 | 06/10/09 02:05 / aae |
| Silica | ND | mg/L | | 0.2 | | E200.8 | 06/09/09 01:46 / sml |
| Sodium | ND | mg/L | | 1 | | E200.7 | 06/10/09 02:05 / aae |
| Sulfate | ND | mg/L | | 1 | | E300.0 | 05/27/09 12:39 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 1 | umhos/cm | | 1 | | A2510 B | 05/21/09 11:41 / dd |
| Hq | 6.00 | s.u. | | 0.01 | | A4500-H B | 05/21/09 11:41 / dd |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | | 10 | | A2540 C | 05/21/09 13:14 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 01:46 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 05:41 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 05:41 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 01:46 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 05:41 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 05:41 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 05:41 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/09/09 01:46 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 05:41 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 05:41 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 05:41 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 05:41 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 05:41 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 05:41 / ts |
| Uranium | ND | mg/L | | 0.0003 | | E200.8 | 05/23/09 05:41 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 05:41 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/15/09 20:44 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/15/09 16:55 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/15/09 16:55 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050629-020

Client Sample ID: M-132

Report Date: 07/11/09

Collection Date: 05/19/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | MCL/ RL QCL | Method | Analysis Date / By |
|---------------------------|---------|-------|------------|----------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | |
| Gross Alpha | 0.7 | pCi/L | U | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Alpha MDC | 0.9 | pCi/L | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Beta | -0.7 | pCi/L | IJ | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Beta precision (±) | 1.5 | pCi/L | | | E900.0 | 06/12/09 13:34 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | E900.0 | 06/12/09 13:34 / cgr |
| Radium 226 | -0.1 | pCi/L | U | | E903.0 | 06/07/09 21:58 / jah |
| Radium 226 precision (±) | 0.08 | pCi/L | | | E903.0 | 06/07/09 21:58 / jah |
| Radium 226 MDC | 0.19 | pCi/L | | | E903.0 | 06/07/09 21:58 / jah |
| Radium 228 | 0.2 | pCi/L | U | | RA-05 | 06/02/09 11:50 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | RA-05 | 06/02/09 11:50 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | RA-05 | 06/02/09 11:50 / plj |
| DATA QUALITY | | | | | | |
| A/C Balance (± 5) | -77.1 | % | | | Calculation | 06/15/09 12:59 / kbh |
| Anions | 0.0224 | meq/L | | | Calculation | 06/15/09 12:59 / kbh |
| Cations | 0.00290 | meq/L | | | Calculation | 06/15/09 12:59 / kbh |

⁻ The ion balance is not appropriate for near blank results.

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLImit | Qual |
|------------------------------|------------|------------------|-----------------------|------|------|-------------|---------------|----------|------------|------------|
| Method: A2320 B | | | | | | | | | Batch | : R11856 |
| Sample ID: MBLK | <u>3</u> N | Method Blank | | | | Run: MANT | ECH_090523A | | 05/23 | /09 10:56 |
| Alkalinity, Total as CaCO3 | | 4 | mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | | ND | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | | 5 | mg/L | 1 | | | | | | |
| Sample ID: LCS1 | L | aboratory Co | ntrol Sample | | | Run: MANT | ECH_090523A | | 05/23 | 3/09 11:11 |
| Alkalinity, Total as CaCO3 | | 205 | mg/L | 5.0 | 100 | 90 | 110 | | | |
| Sample ID: LCS | L | aboratory Co | ntrol Sample | | | Run: MAN1 | ECH_090523A | | 05/23 | 3/09 11:18 |
| Alkalinity, Total as CaCO3 | | 52.6 | mg/L | 5.0 | 97 | 90 | 110 | | | |
| Sample ID: C09050629-002AMS | ٤ | Sample Matrix | : Spike | | | Run: MANT | ECH_090523A | | 05/23 | 3/09 12:27 |
| Alkalinity, Total as CaCO3 | | 232 | mg/L | 5.0 | 99 | 80 | 120 | | | , |
| Sample ID: C09050629-002AMSI |) 9 | Sample Matrix | Spike Duplicate | | | Run: MAN | TECH_090523A | | 05/23 | 3/09 12:35 |
| Alkalinity, Total as CaCO3 | | 232 | mg/L | 5.0 | 99 | 80 | 120 | 0.2 | 20 | |
| Sample ID: C09050629-012AMS | 5 | Sample Matrix | Spike | | | Run: MAN | FECH_090523A | | 05/23 | 3/09 14:03 |
| Alkalinity, Total as CaCO3 | | 207 | mg/L | 5.0 | 93 | 80 | 120 | | | |
| Sample ID: C09050629-012AMS0 | o s | Sample Matrix | Spike Duplicate | | | Run: MAN | TECH_090523A | | 05/23 | 3/09 14:10 |
| Alkalinity, Total as CaCO3 | | 207 | mg/L | 5.0 | 93 | 80 | 120 | 0.1 | 20 | |
| Method: A2510 B | - | | | | | | Analytica | l Run: | ORION555A | _090521 |
| Sample ID: ICV2_090521_1 | 1 | nitial Calibrati | ion Verification Star | dard | | | | | 05/21 | 1/09 10:3 |
| Conductivity | | 1420 | umhos/cm | 1.0 | 100 | 90 | 110 | | | |
| Method: A2510 B | | | | | | | Ва | tch: 090 | 0521_1_PH- | W_555A- |
| Sample ID: MBLK1_090521_1 | ı | Method Blank | | | | Run: ORIO | N555A_090521A | | 05/21 | 1/09 10:30 |
| Conductivity | | 0.7 | umhos/cm | 0.2 | | | | | | |
| Sample ID: C09050629-008ADUI | - 9 | Sample Duplic | cate | | | Run: ORIO | N555A_090521A | | 05/2 | 1/09 11:0 |
| Conductivity | | 472 | umhos/cm | 1.0 | | | | 0 | 10 | |
| Sample ID: C09050629-018ADUI | P : | Sample Duplic | cate | | | Run: ORIC | N555A_090521A | | 05/2 | 1/09 11:2 |
| Conductivity | | | umhos/cm | 1.0 | | | | 0.5 | 10 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte Cou | nt Result | Units | RL | %REC | Low Limit | High Limlt | RPD | RPDLImit | Qual |
|-------------------------------------|---------------------------------------|---------------------|--------|------|-------------|---------------------------------------|------------|------------|------------|
| Method: A2540 C | | | | | | E | Batch: 090 | 0521_1_SLD | S-TDS-V |
| Sample ID: MBLK1_090521 | Method Blank | | | | Run: BAL-1 | _090521A | | 05/21 | /09 11:19 |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | 6 | | | | | | |
| Sample ID: LCS1_090521 | Laboratory Cor | ntrol Sample | | | Run: BAL-1 | _090521A | | 05/21 | /09 11:19 |
| Solids, Total Dissolved TDS @ 180 C | 1040 | mg/L | 10 | 104 | 90 | 110 | | | |
| Sample ID: C09050629-005AMS | Sample Matrix | Spike | | | Run: BAL-1 | _090521A | | 05/21 | /09 11:22 |
| Solids, Total Dissolved TDS @ 180 C | 2350 | mg/L | 10 | 102 | 90 | 110 | | | |
| Sample ID: C09050629-005AMSD | Sample Matrix | Spike Duplicate | | | Run: BAL-1 | _090521A | | 05/21 | /09 11:23 |
| Solids, Total Dissolved TDS @ 180 C | 2330 | mg/L | 10 | 101 | 90 | 110 | 0.8 | 10 | |
| Sample ID: C09050629-015AMS | Sample Matrix | Spike | | | Run: BAL-1 | _090521A | | 05/21 | /09 13:12 |
| Solids, Total Dissolved TDS @ 180 C | 2290 | mg/L | 10 | 102 | 90 | 110 | | | |
| Sample ID: C09050629-015AMSD | Sample Matrix | Spike Duplicate | | | Run: BAL-1 | _090521A | | 05/21 | /09 13:12 |
| Solids, Total Dissolved TDS @ 180 C | 2300 | mg/L | 10 | 102 | 90 | 110 | 0.3 | 10 | |
| Method: A4500-F C | · | | | | | | | Batch | : R11848 |
| Sample ID: MBLK-1 | Method Blank | | | | Run: MAN1 | TECH_090521A | | 05/21 | /09 09:39 |
| Fluoride | ND | mg/L | 0.05 | | | - | | | |
| Sample ID: LCS-1 | Laboratory Cor | ntrol Sample | | | Run: MANT | FECH_090521A | | 05/21 | /09 09:45 |
| Fluoride | 0.980 | mg/L | 0.10 | 98 | 90 | 110 | | | |
| Sample ID: C09050629-010AMS | Sample Matrix | Spike | | | Run: MAN | TECH_090521A | 4 | 05/21 | /09 14:13 |
| Fluoride | 1.19 | mg/L | 0.10 | 99 | 80 | 120 | | | |
| Sample ID: C09050629-010AMSD | Sample Matrix | Spike Duplicate | | | Run: MAN | TECH_090521A | 4 | 05/21 | /09 14:16 |
| Fluoride | 1.21 | mg/L | 0.10 | 101 | 80 | 120 | 1.7 | 10 | |
| Sample ID: C09050629-020AMS | Sample Matrix | Spike | | | Run: MAN | ΓΕCH_090521 <i>F</i> | 4 | 05/21 | /09 15:04 |
| Fluoride | 1.00 | mg/L | 0.10 | 100 | 80 | 120 | | | |
| Sample ID: C09050629-020AMSD | Sample Matrix | Spike Duplicate | | | Run: MAN | TECH_090521A | 4 | 05/21 | /09 15:06 |
| Fluoride | 1.00 | mg/L | 0.10 | 100 | 80 | 120 | 0 | 10 | |
| Method: A4500-H B | · · · · · · · · · · · · · · · · · · · | | | | · ·· | Analyt | ical Run: | ORION555A | _090521 |
| Sample ID: ICV1_090521_1 | Initial Calibrati | on Verification Sta | andard | | | | | 05/21 | 1/09 10:32 |
| pH | 6.94 | s.u. | 0.010 | 101 | 98 | 102 | | | |
| Method: A4500-H B | | | · - | | - | · · · · · · · · · · · · · · · · · · · | Batch: 09 | 0521_1_PH- | W_555A- |
| Sample ID: C09050629-008ADUP | Sample Duplic | ate | | | Run: ORIO | N555A_09052 | 1A | 05/21 | 1/09 11:0 |
| pH | 8.07 | s.u. | 0.010 | | | | 0.1 | 10 | |
| Sample ID: C09050629-018ADUP | Sample Duplic | ate | | | Run: ORIC | N555A_09052 | 1A | 05/2 | 1/09 11:2: |
| рН | 9.16 | s.u. | 0.010 | | | | 0.1 | 10 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|----------------------------|------------------------|--------------|-----------------|-------|------|-------------|------------|-----|----------|-----------|
| Method: E200.7 | | | | | | | | | Batch | R11928 |
| Sample ID: MB-22453 | <u>4</u> Me | thod Blank | | | | Run: ICP3-0 | C_090608B | | 06/08 | /09 17:23 |
| Calcium | | 0.6 | mg/L | 0.2 | | | | | | |
| Potassium | | 0.7 | mg/L | 0.03 | | | | | | |
| Sodium | | 2 | mg/L | 0.1 | | | | | | |
| Zinc | | ND | mg/L | 0.008 | | | | | | - |
| Sample ID: MB-22443 | <u>4</u> Me | ethod Blank | | | | Run: ICP3- | C_090608B | | 06/08 | /09 20:53 |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Potassium | | 0.06 | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Zinc | | ND | mg/L | 0.008 | | | | | | |
| Sample ID: C09050629-005BM | S 4 Sa | mple Matrix | Spike | | | Run: ICP3- | C_090608B | | 06/08 | /09 21:26 |
| Calcium | | 103 | mg/L | 1.0 | 84 | 70 | 130 | | | |
| Potassium | | 50.1 | mg/L | 1.0 | 90 | 70 | 130 | | | |
| Sodium | | 76.6 | mg/L | 1.0 | 87 | 70 | 130 | | | |
| Zinc | | 0.542 | mg/L | 0.010 | 97 | 70 | 130 | | | |
| Sample ID: C09050629-005BM | SD <u>4</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP3- | C_090608B | | 06/08 | /09 21:49 |
| Calcium | | 103 | mg/L | 1.0 | 84 | 70 | 130 | 0 | 20 | |
| Potassium | | 50.4 | mg/L | 1.0 | 91 | 70 | 130 | 0.6 | 20 | |
| Sodium | | 76.8 | mg/L | 1.0 | 88 | 70 | 130 | 0.3 | 20 | |
| Zinc | | 0.503 | mg/L | 0.010 | 90 | 70 | 130 | 7.3 | 20 | |
| Sample ID: C09050629-015BM | S 4 Sa | ımple Matrix | Spike | | | Run: ICP3- | C_090608B | | 06/08 | /09 23:1: |
| Calcium | | 71.6 | mg/L | 1.0 | 80 | 70 | 130 | | | |
| Potassium | | 52.2 | mg/L | 1.0 | 84 | 70 | 130 | | | |
| Sodium | | 77.7 | mg/L | 1.0 | 80 | 70 | 130 | | | |
| Zinc | | 0.493 | mg/L | 0.010 | 90 | 70 | 130 | | | |
| Sample ID: C09050629-015BM | S D <u>4</u> Sa | ımple Matrix | Spike Duplicate | | | Run: ICP3- | C_090608B | | 06/08 | 3/09 23:1 |
| Calcium | | 78.6 | mg/L | 1.0 | 94 | 70 | 130 | 9.4 | 20 | |
| Potassium | | 57.5 | mg/L | 1.0 | 94 | 70 | 130 | 9.6 | 20 | |
| Sodium | | 84.9 | mg/L | 1.0 | 94 | 70 | 130 | 8.9 | 20 | |
| Zinc | | 0.520 | mg/L | 0.010 | 96 | 70 | 130 | 5.2 | 20 | |
| Sample ID: LRB | <u>4</u> Me | ethod Blank | | | | Run: ICP3- | C_090608B | | 06/08 | 3/09 16:3 |
| Calcium | | 0.4 | mg/L | 0.2 | | | | | | |
| Potassium | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Zinc | | ND | mg/L | 800.0 | | | | | | |
| Sample ID: LFB | <u>4</u> La | boratory For | tified Blank | | | | C_090608B | | 06/08 | 3/09 16:4 |
| Calcium | | 57.6 | mg/L | 0.50 | 115 | | 115 | | | |
| Potassium | | 56.9 | mg/L | 0.50 | 114 | 85 | 115 | | | |
| Sodium | | 57.2 | mg/L | 0.50 | 114 | 85 | 115 | | | |
| Zinc | | 1.13 | mg/L | 0.010 | 113 | 85 | 115 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc.

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|------------|-----------------|-----------------|------|------|------------|------------|-----|----------|------------|
| Method: E200.7 | | <u></u> | | | • | · · · | · · · | | Batch | : R119344 |
| Sample ID: LRB | 4 1 | Method Blank | | | | Run: ICP3- | C_090609A | | 06/09 | /09 14:33 |
| Calcium | | 0.3 | mg/L | 0.2 | | | | | | |
| Magnesium | | 0.3 | mg/L | 0.2 | | | | | | |
| Potassium | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: LFB | <u>4</u> i | Laboratory Fort | tified Blank | | | Run: ICP3- | C_090609A | | 06/09 | /09 14:39 |
| Calcium | | 54.8 | mg/L | 0.50 | 109 | 85 | 115 | | | |
| Magnesium | | 55.0 | mg/L | 0.50 | 110 | 85 | 115 | | | |
| Potassium | | 56.2 | mg/L | 0.50 | 112 | 85 | 115 | | | |
| Sodium | | 57.3 | mg/L | 0.50 | 115 | 85 | 115 | | | |
| Sample ID: C09050629-006BMS | <u>4</u> . | Sample Matrix | Spike | | | Run: ICP3- | C_090609A | | 06/09 | 9/09 23:52 |
| Calcium | | 105 | mg/L | 1.0 | 103 | 70 | 130 | | | |
| Magnesium | | 52.8 | mg/L | 1.0 | 100 | 70 | 130 | | | |
| Potassium | | 54.9 | mg/L | 1.0 | 101 | 70 | 130 | | | |
| Sodium | | 84.7 | mg/L | 1.0 | 105 | 70 | 130 | | | |
| Sample ID: C09050629-006BMS | D <u>4</u> | Sample Matrix | Spike Duplicate | | | Run: ICP3- | C_090609A | | 06/09 | 9/09 23:57 |
| Calcium | | 105 | mg/L | 1.0 | 103 | 70 | 130 | 0.2 | 20 | |
| Magnesium | | 53.5 | mg/L | 1.0 | 101 | 70 | 130 | 1.3 | 20 | |
| Potassium | | 56.3 | mg/L | 1.0 | 104 | 70 | 130 | 2.4 | 20 | |
| Sodium | | 85.1 | mg/L | 1.0 | 106 | 70 | 130 | 0.6 | 20 | |
| Sample ID: C09050629-016BMS | 4 | Sample Matrix | Spike | | | Run: ICP3- | C_090609A | | 06/10 | 0/09 01:20 |
| Calcium | | 83.4 | mg/L | 1.0 | 95 | 70 | 130 | | | |
| Magnesium | | 46.1 | mg/L | 1.0 | 89 | 70 | 130 | | | |
| Potassium | | 54.5 | mg/L | 1.0 | 90 | 70 | 130 | | | |
| Sodium | | 81.0 | mg/L | 1.0 | 93 | 70 | 130 | | | |
| Sample ID: C09050629-016BMS | D 4 | Sample Matrix | Spike Duplicate | | | Run: ICP3- | -C_090609A | | | 0/09 01:43 |
| Calcium | | 78.1 | mg/L | 1.0 | 85 | 70 | 130 | 6.7 | 20 | |
| Magnesium | | 42.8 | mg/L | 1.0 | 83 | 70 | 130 | 7.6 | 20 | |
| Potassium | | 50.2 | mg/L | 1.0 | 82 | 70 | 130 | 8.1 | 20 | |
| Sodium | | 75.2 | mg/L | 1.0 | 82 | 70 | 130 | 7.4 | 20 | |



Client: UR Energy USA Inc.

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-------|-------------|-----------------|------|------|------------|------------|-----|----------|-----------|
| Method: E200.7 | | | - | | | - | | | Batch: | R119527 |
| Sample ID: LRB | Me | thod Blank | | | | Run: ICP3- | C_090612A | | 06/12/ | /09 12:54 |
| Magnesium | | 0.3 | mg/L | 0.2 | | | | | | |
| Sample ID: LFB | Lab | oratory For | tified Blank | | | Run: ICP3- | C_090612A | | 06/12/ | /09 12:59 |
| Magnesium | | 50.1 | mg/L | 0.50 | 100 | 85 | 115 | | | |
| Sample ID: C09060141-004BMS | Sar | mple Matrix | Spike | | | Run: ICP3- | C_090612A | | 06/12/ | /09 14:56 |
| Magnesium | | 56.4 | mg/L | 1.0 | 107 | 70 | 130 | | | |
| Sample ID: C09060141-004BMSI | D Sar | mple Matrix | Spike Duplicate | | | Run: ICP3- | C_090612A | | 06/12/ | /09 15:01 |
| Magnesium | | 50.9 | mg/L | 1.0 | 96 | 70 | 130 | 10 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|---------------|--------------|-----------------|-------|------|------------|--------------|-----|----------|------------|
| Method: E200.7 | | | | • | | | · · · · · | | Batch: | : R119577 |
| Sample ID: MB-090610A | <u>6</u> Me | ethod Blank | | | | Run: ICP2- | C_090615A | | 06/15 | /09 10:00 |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Iron | | ND | mg/L | 0.005 | | | | | | |
| Magnesium | | ND | mg/L | 0.09 | | | | | | |
| Manganese | | ND | mg/L | 0.001 | | | | | | |
| Potassium | | ND | mg/L | 0.1 | | | | | | |
| Sodium | | ND | mg/L | 0.2 | | | | | | |
| Sample ID: LFB-090610A | <u>6</u> La | boratory For | tified Blank | | | Run: ICP2- | C_090615A | | 06/15 | /09 10:04 |
| Calcium | | 50.4 | mg/L | 0.50 | 101 | 85 | 115 | | | |
| Iron | | 0.954 | mg/L | 0.030 | 95 | 85 | 115 | | | |
| Magnesium | | 49.3 | mg/L | 0.50 | 99 | 85 | 115 | | | |
| Manganese | | 0.973 | mg/L | 0.010 | 97 | 85 | 115 | | | |
| Potassium | | 43.1 | mg/L | 0.50 | 86 | 85 | 1 1 5 | | | |
| Sodium | | 48.6 | mg/L | 0.50 | 97 | 85 | 115 | | | |
| Sample ID: MB-22443 | <u>6</u> M | ethod Blank | | | | Run: ICP2- | C_090615A | | 06/15 | /09 10:56 |
| Calcium | | ND | mg/L | 0.5 | | | | | | |
| Iron | | ND | mg/L | 0.01 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Potassium | | ND | mg/L | 0.2 | | | | | | |
| Sodium | | ND | mg/L | 0.5 | | | | | | |
| Sample ID: C09050629-019BMS | 2 <u>4</u> Sa | ample Matrix | Spike | | | Run: ICP2- | C_090615A | | 06/15 | 6/09 12:09 |
| Calcium | | 148 | mg/L | 1.0 | 97 | 70 | 130 | | | |
| Magnesium | | 101 | mg/L | 1.0 | 98 | 70 | 130 | | | |
| Potassium | | 93.6 | mg/L | 1.0 | 88 | 70 | 130 | | | |
| Sodium | | 132 | mg/L | 1.0 | 99 | 70 | 130 | | | |
| Sample ID: C09050629-019BMS | D 4 S | ample Matrix | Spike Duplicate | | | Run: ICP2- | C_090615A | | 06/15 | 5/09 12:13 |
| Calcium | | 151 | mg/L | 1.0 | 99 | 70 | 130 | 1.8 | 20 | |
| Magnesium | | 102 | mg/L | 1.0 | 98 | 70 | 130 | 0.9 | 20 | |
| Potassium | | 94.5 | mg/L | 1.0 | 89 | 70 | 130 | 1 | 20 | |
| Sodium | | 132 | mg/L | 1.0 | 99 | 70 | 130 | 0.3 | 20 | |
| Sample ID: C09050629-010CMS | 2 <u>2</u> S | ample Matrix | Spike | | | Run: ICP2- | C_090615A | | 06/15 | 5/09 15:54 |
| Iron | | 1.99 | mg/L | 0.067 | 98 | 70 | 130 | | | |
| Manganese | | 1.96 | mg/L | 0.014 | 96 | 70 | 130 | | | |
| Sample ID: C09050629-010CMS | D 2 S | ample Matrix | Spike Duplicate | | | Run: ICP2- | -C_090615A | | 06/15 | 5/09 15:58 |
| Iron | | 2.04 | mg/L | 0.067 | 100 | 70 | 130 | 2,4 | 20 | |
| Manganese | | 2.00 | mg/L | 0.014 | 98 | 70 | 130 | 1.9 | 20 | |

Qualifiers:

RL - Analyte reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|--------------|----------------|-----------------|------|------|-------------|------------|-----|----------|-----------|
| Method: E200.7 | | ··· <u>-</u> · | | _ | | | | | Batch: | R11966 |
| Sample ID: MB-22443 | <u>4</u> N | vlethod Blank | | | | Run: ICP3-0 | C_090616B | | 06/16 | /09 13:44 |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Potassium | | 0.1 | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: C09050629-009BMS | 4 9 | Sample Matrix | Spike | | | Run: ICP3-0 | C_090616B | | 06/16 | /09 14:00 |
| Calcium | | 110 | mg/L | 1.0 | 110 | 70 | 130 | | | |
| Magnesium | | 58.0 | mg/L | 1.0 | 109 | 70 | 130 | | | |
| Potassium | | 65.8 | mg/L | 1.0 | 110 | 70 | 130 | | | |
| Sodium | | 89.7 | mg/L | 1.0 | 110 | 70 | 130 | | | |
| ample ID: C09050629-009BMSI |) <u>4</u> § | Sample Matrix | Spike Duplicate | | | Run: ICP3- | C_090616B | | 06/16 | /09 14:05 |
| Calcium | | 105 | mg/L | 1.0 | 101 | 70 | 130 | 4.7 | 20 | |
| Magnesium | | 53.5 | mg/L | 1.0 | 100 | 70 | 130 | 8.1 | 20 | |
| Potassium | | 61.8 | mg/L | 1.0 | 102 | 70 | 130 | 6.3 | 20 | |
| Sodium | | 85.3 | mg/L | 1.0 | 101 | 70 | 130 | 5.1 | 20 | |
| Sample ID: LRB | <u>4</u> N | Method Blank | | | | Run: ICP3- | C_090616B | | 06/16 | /09 13:20 |
| Calcium | | 0.3 | mg/L | 0.2 | | | | | | |
| Magnesium | | 0.3 | mg/L | 0.2 | | | | | | |
| Potassium | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: LFB | <u>4</u> L | _aboratory For | tified Blank | | | Run: ICP3- | C_090616B | | 06/16 | /09 13:26 |
| Calcium | | 51.5 | mg/L | 0.50 | 103 | 85 | 115 | | | |
| Magnesium | | 51.1 | mg/L | 0.50 | 102 | 85 | 115 | | | |
| Potassium | | 50.7 | mg/L | 0.50 | 101 | 85 | 115 | | | |
| Sodium | | 51.5 | mg/L | 0.50 | 103 | 85 | 115 | | | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLImit | Qual |
|-----------------------------|--------------|--------------|----------------|---------|------|-----------|---------------|-----|----------|-----------|
| Method: E200.8 | | | - - | · - | | | | | Batch: | R11856 |
| Sample ID: LRB | <u>13</u> Me | thod Blank | | | | Run: ICPM | S2-C_090522B | | 05/22/ | /09 12:35 |
| Arsenic | | ND | mg/L | 0.0003 | | | | | | |
| Barium | | ND | mg/L | 3E-05 | | | | | | |
| Cadmium | | ND | mg/L | 6E-05 | | | | | | |
| Chromium | | ND | mg/L | 8E-05 | | | | | | |
| Copper | | ND | mg/L | 4E-05 | | | | | | |
| Lead | | ND | mg/L | 2E-05 | | | | | | |
| Manganese | | ND | mg/L | 5E-05 | | | | | | |
| Mercury | | 5E-05 | mg/L | 4E-05 | | | | | | |
| Molybdenum | | ND | mg/L | 4E-05 | | | 4 | | | |
| Nickel | | ND | mg/L | 9E-05 | | | | | | |
| Selenium | | ND | mg/L | 0.001 | | | | | | |
| Uranium | | ND | mg/L | 8E-06 | | | | | | |
| Vanadium | | ND | mg/L | 9E-05 | | | | | | |
| Sample ID: LFB | 13 La | boratory For | tified Blank | | | Run: ICPM | S2-C_090522B | | 05/22 | /09 12:42 |
| Arsenic | | 0.0500 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Barium | | 0.0483 | mg/L | 0.0010 | 97 | 85 | 115 | | | |
| Cadmium | | 0.0494 | mg/L | 0.0010 | 99 | 85 | 115 | | | |
| Chromium | | 0.0488 | mg/L | 0.0010 | 98 | 85 | 115 | | | |
| Copper | | 0.0510 | mg/L | 0.0010 | 102 | 85 | 115 | | | |
| Lead | | 0.0493 | mg/L | 0.0010 | 99 | | 115 | | | |
| Manganese | | 0.0484 | mg/L | 0.0010 | 97 | 85 | 115 | | | |
| Mercury | | 0.00496 | mg/L | 0.0010 | 98 | 85 | 115 | | | |
| Molybdenum | | 0.0498 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Nickel | | 0.0506 | mg/L | 0.0010 | 101 | 85 | 115 | | | |
| Selenium | | 0.0498 | mg/L | 0.0014 | 100 | 85 | 115 | | | |
| Uranium | | 0.0483 | mg/L | 0.00030 | 97 | 85 | 115 | | | |
| Vanadium | | 0.0483 | mg/L | 0.0010 | 97 | 85 | 115 | | | |
| Sample ID: C09050629-006BMS | 4 13 Sa | ample Matrix | Snike | | | Run: ICPM | IS2-C_090522B | | 05/23 | 3/09 01:1 |
| Arsenic | | 0.0532 | mg/L | 0.0010 | 99 | 70 | 130 | | | |
| Barium | | 0.0635 | mg/L | 0.0010 | 96 | 70 | 130 | | | |
| Cadmium | | 0.0494 | mg/L | 0.010 | 99 | 70 | 130 | | | |
| Chromium | | 0.0465 | mg/L | 0.0010 | 93 | 70 | 130 | | | |
| Copper | | 0.0479 | mg/L | 0.010 | 96 | 70 | 130 | | | |
| Lead | | 0.0486 | mg/L | 0.0010 | 97 | | | | | |
| Manganese | | 0.0620 | mg/L | 0.010 | 94 | | 130 | | | |
| Mercury | | 0.00493 | mg/L | 0.0010 | 99 | | | | | |
| Molybdenum | | 0.0508 | mg/L | 0.0010 | 99 | | | | | |
| Nickel | | 0.0487 | mg/L | 0.0010 | 97 | | | | | |
| Selenium | | 0.0496 | mg/L | 0.0010 | 99 | | | | | |
| Uranium | | 0.0626 | mg/L | 0.00030 | 97 | | | | | |
| Vanadium | | 0.0485 | mg/L | 0.0010 | | | | | | |

Qualifiers:

RL - Analyte reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte | Count Resu | ılt Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|--------------|----------------|---------|------|-----------|---------------|-----|----------|--------------------|
| Method: E200.8 | - | | | | - | _ | | Batch | R11856 |
| Sample ID: C09050629-006BMSD | 13 Sample Ma | atrix Spike Du | olicate | | Run: ICPM | S2-C_090522B | | 05/23 | /09 01:23 |
| Arsenic | 0.05 | | 0.0010 | 100 | 70 | 130 | 0.5 | 20 | |
| Barium | 0.06 | = | 0.0010 | 94 | 70 | 130 | 1.6 | 20 | |
| Cadmium | 0.04 | - | 0.010 | 98 | 70 | 130 | 0.9 | 20 | |
| Chromium | 0.04 | 65 mg/L | 0.0010 | 93 | 70 | 130 | 0.1 | 20 | |
| Copper | 0.04 | 71 mg/L | 0.010 | 94 | 70 | 130 | 1.8 | 20 | |
| Lead | 0.04 | 88 mg/L | 0.0010 | 97 | 70 | 130 | 0.3 | 20 | |
| Manganese | 0.06 | 21 mg/L | 0.010 | 94 | 70 | 130 | 0.1 | 20 | |
| Mercury | 0.004 | 98 mg/L | 0.0010 | 100 | 70 | 130 | 0.9 | 20 | |
| Molybdenum | 0.05 | | 0.0010 | 98 | 70 | 130 | 8.0 | 20 | |
| Nickel | 0.04 | B3 mg/L | 0.0010 | 97 | 70 | 130 | 8.0 | 20 | |
| Selenium | 0.04 | 95 mg/L | 0.0010 | 99 | 70 | 130 | 0.1 | 20 | |
| Uranium | 0.06 | _ | 0.00030 | 98 | 70 | 130 | 0.4 | 20 | |
| Vanadium | 0.04 | 83 mg/L | 0.0010 | 95 | 70 | 130 | 0.3 | 20 | |
| Sample ID: C09050629-016BMS4 | 13 Sample M | atrix Spike | | | Run: ICPM | S2-C_090522B | | 05/23 | 3/09 0 4:40 |
| Arsenic | 0.05 | | 0.0010 | 100 | 70 | 130 | | | |
| Barium | 0.08 | 05 mg/L | 0.0010 | 96 | 70 | 130 | | | |
| Cadmium | 0.04 | 90 mg/L | 0.010 | 98 | 70 | 130 | | | |
| Chromium | 0.04 | 67 mg/L | 0.0010 | 93 | 70 | 130 | | | |
| Copper | 0.04 | | 0.010 | 91 | 70 | 130 | | | |
| Lead | 0.04 | | 0.0010 | 99 | 70 | 130 | | | |
| Manganese | 0.04 | 72 mg/L | 0.010 | 93 | 70 | 130 | | | |
| Mercury | 0.005 | 01 mg/L | 0.0010 | 100 | 70 | 130 | | | |
| Molybdenum | 0.05 | 24 mg/L | 0.0010 | 99 | 70 | 130 | | | |
| Nickel | 0.04 | 80 mg/L | 0.0010 | 96 | 70 | 130 | | | |
| Selenium | 0.04 | 90 mg/L | 0.0010 | 98 | 70 | 130 | | | |
| Uranium | 0.05 | 42 mg/L | 0.00030 | 95 | 70 | 130 | | | |
| Vanadium | 0.04 | 85 mg/L | 0.0010 | 96 | 70 | 130 | | | |
| Sample ID: C09050629-016BMSE | 13 Sample M | atrix Spike Du | plicate | | Run: ICPN | IS2-C_090522B | | 05/2 | 3/09 04:4 |
| Arsenic | 0.06 | 03 mg/L | 0.0010 | 102 | 70 | 130 | 1.7 | | |
| Barium | 0.08 | 07 mg/L | 0.0010 | 97 | 70 | 130 | 0.3 | | |
| Cadmium | 0.04 | 95 mg/L | 0.010 | 99 | 70 | 130 | 0.9 | | |
| Chromium | 0.04 | 73 mg/L | 0.0010 | 95 | 70 | 130 | 1.2 | 20 | |
| Copper | 0.04 | 60 mg/L | 0.010 | 92 | 70 | 130 | 1.2 | | |
| Lead | 0.04 | 197 mg/L | 0.0010 | 99 | 70 | 130 | 0.8 | | |
| Manganese | 0.04 | 180 mg/L | 0.010 | 95 | 70 | 130 | 1.5 | | |
| Mercury | 0.005 | i06 mg/L | 0.0010 | 101 | 70 | 130 | 1 | | |
| Molybdenum | 0.05 | | 0.0010 | 100 | 70 | 130 | 0.6 | | |
| Nickel | 0.04 | | 0.0010 | 97 | 70 | 130 | 1.1 | | |
| Selenium | 0.04 | 198 mg/L | 0.0010 | 100 | | | 1.5 | | |
| Uranium | 0.05 | 348 mg/L | 0.00030 | 97 | 70 | 130 | 1.1 | | |
| Vanadium | 0.04 | 188 mg/L | 0.0010 | 96 | 70 | 130 | 0.5 | 20 | |

Qualifiers:

RL - Analyte reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte | | Coun | t Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|------------------|------------|----------------|-------------------|--------|------|-----------|---------------|-----|----------|------------|
| Method: | E200.8 | | | \ | | _ | | | | Batch: | R119275 |
| Sample ID: | LRB | 4 | Method Blank | | | | Run: ICPM | S4-C_090608A | | 06/08 | /09 19:12 |
| Aluminum | | | ND | mg/L | 0.0004 | | | | | | |
| Boron | | | ND | mg/L | 0.0004 | | | | | | |
| Iron | | | ND | mg/L | 0.0006 | | | | | | |
| Silicon | | | ND | mg/L | 0.0003 | | | | | | |
| Sample ID: | LFB | 4 | Laboratory For | tified Blank | | | Run: ICPM | S4-C_090608A | | 06/08 | /09 19:19 |
| Aluminum | | | 0.0506 | mg/L | 0.0010 | 101 | 85 | 115 | | | |
| Boron | | | 0.0515 | mg/L | 0.0010 | 103 | 85 | 115 | | | |
| Iron | | | 1.31 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Silicon | | | 0.557 | mg/L | 0.0010 | 111 | 85 | 115 | | | |
| Sample ID: | MB-22443 | 4 | Method Blank | | | | Run: ICPM | S4-C_090608A | | 06/08 | /09 21:48 |
| Aluminum | | | ND | mg/L | 0.0004 | | | | | | |
| Boron | | | 0.005 | mg/L | 0.0004 | | | | | | |
| Iron | | | ND | mg/L | 0.0006 | | | | | | |
| Silicon | | | 0.003 | mg/L | 0.0003 | | | | | | |
| Sample ID: | C09050629-010BMS | 4 <u>4</u> | Sample Matrix | Spike | | | Run: ICPM | S4-C_090608A | | 06/08 | /09 23:30 |
| Aluminum | | | 0.0531 | mg/L | 0.10 | 96 | 70 | 130 | | | |
| Boron | | | 0.0740 | mg/L | 0.10 | 95 | 70 | 130 | | | |
| Iron | | | 1.23 | mg/L | 0.030 | 98 | 70 | 130 | | | |
| Silicon | | | 6.07 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sample ID: | C09050629-010BMS | D 4 | Sample Matrix | Spike Duplicate | | | Run: ICPM | S4-C_090608A | | | /09 23:37 |
| Aluminum | | | 0.0536 | mg/L | 0.10 | 97 | 70 | 130 | | 20 | |
| Boron | | | 0.0760 | mg/L | 0.10 | 99 | 70 | 130 | | 20 | |
| iron | | | 1.25 | mg/L | 0.030 | 100 | 70 | 130 | 1.5 | 20 | |
| Silicon | | | 6.09 | mg/L | 0.10 | | 70 | 130 | 0.2 | 20 | Α |
| Sample ID: | C09050629-020BMS | 4 4 | Sample Matrix | Spike | | | Run: ICPM | S4-C_090608A | | 06/09 | /09 01:53 |
| Aluminum | | | 0.0488 | mg/L | 0.10 | 98 | 70 | 130 | | | |
| Boron | | | 0.0546 | mg/L | 0.10 | 97 | 70 | 130 | | | |
| Iron | | | 1.29 | mg/L | 0.030 | 103 | 70 | 130 | | | |
| Silicon | | | 0.528 | mg/L | 0.10 | 105 | 70 | 130 | | | |
| Sample ID: | C09050629-020BMS | D 4 | Sample Matrix | : Spike Duplicate | | | Run: ICPM | IS4-C_090608A | | 06/09 | 9/09 02:00 |
| Aluminum | | _ | 0.0499 | mg/L | 0.10 | 100 | 70 | 130 | | 20 | |
| Boron | | | 0.0557 | mg/L | 0.10 | 99 | 70 | 130 | | 20 | |
| Iron | | | 1.31 | mg/L | 0.030 | 104 | . 70 | 130 | 1.6 | 20 | |
| Silicon | | | 0.535 | mg/L | 0.10 | 106 | 70 | 130 | 1.3 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Method: E200 Sample ID: LRB Iron Zinc | 0.8 | 2 2 | t Result | Units | RL | , | | High Limit | | RPDLimit | Qual |
|--|----------------|----------|----------------|-----------------|--------|-----|-------------|---------------|-----|----------|------------|
| Sample ID: LRB | | 2 | | | | | - | | | Ratch: | R119541 |
| Iron | | 2 | | | | | | 0.4.0.0000454 | | | |
| | | = | Method Blank | | | | Run: ICPIVI | S4-C_090615A | | 00/10/ | /09 11:20 |
| Zinc | | | ND | mg/L | 0.0006 | | | | | | |
| | | | 0.0006 | mg/L | 0.0002 | | | | | | |
| Sample ID: LFB | | 2 | Laboratory For | tified Blank | | | Run: ICPM | S4-C_090615A | | 06/15 | /09 11:27 |
| Iron | | | 1.30 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Zinc | | | 0.0559 | mg/L | 0.0010 | 111 | 85 | 115 | | | |
| Sample ID: C090 | 050554-002BMS4 | 2 | Sample Matrix | Spike | | | Run: ICPM | S4-C_090615A | | 06/15 | /09 16:18 |
| Iron | | | 1.80 | mg/L | 0.030 | 101 | 70 | 130 | | | |
| Zinc | | | 0.0655 | mg/L | 0.010 | 99 | 70 | 130 | | | |
| Sample ID: C090 | 050554-002BMSD | 2 | Sample Matrix | Spike Duplicate | | | Run: ICPM | S4-C_090615A | | 06/15 | /09 16:24 |
| Iron | | _ | 1.80 | mg/L | 0.030 | 101 | 70 | 130 | 0.1 | 20 | |
| Zinc | | | 0.0667 | mg/L | 0.010 | 101 | 70 | 130 | 1.7 | 20 | |
| Sample ID: MB-2 | 22443 | <u>2</u> | Method Blank | | | | Run: ICPM | S4-C_090615A | | 06/15 | /09 16:38 |
| Iron | | | ND | mg/L | 0.0006 | | | | | | |
| Zinc | | | 0.0007 | mg/L | 0.0002 | | | | | | |
| Sample ID: C090 | 050629-018BMS4 | 2 | Sample Matrix | Spike | | | Run: ICPM | S4-C_090615A | | 06/15 | /09 18:48 |
| Iron | | | 1.28 | mg/L | 0.030 | 102 | 70 | 130 | | | |
| Zinc | | | 0.0623 | mg/L | 0.010 | 112 | 70 | 130 | | | |
| Sample ID: C090 | 050629-018BMSD | 2 | Sample Matrix | Spike Duplicate | | | Run: ICPM | S4-C_090615A | | 06/15 | /09 18:54 |
| Iron | | _ | 1.27 | mg/L | 0.030 | 102 | 70 | 130 | 0.4 | 20 | |
| Zinc | | | 0.0623 | mg/L | 0.010 | 112 | 70 | 130 | 0.1 | 20 | |
| Sample ID: C096 | 050629-020BMS4 | 2 | Sample Matrix | Spike | | | Run: ICPM | S4-C_090615A | | 06/15 | 6/09 20:50 |
| Iron | | | 1.27 | mg/L | 0.030 | 101 | 70 | 130 | | | |
| Zinc | | | 0.0618 | mg/L | 0.010 | 115 | 70 | 130 | | | |
| Sample ID: C09 | 050629-020BMSD | 2 | Sample Matrix | Spike Duplicate | | | Run: ICPM | S4-C_090615A | | 06/15 | 5/09 20:57 |
| Iron | | | 1.27 | mg/L | 0.030 | 101 | 70 | 130 | 0.2 | 20 | |
| Zinc | | | 0.0617 | mg/L | 0.010 | 115 | 70 | 130 | 0.2 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte | | Count | t Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------|-------------------|------------|----------------|-----------------|-------|-----------|------------|---------------|-----|----------|-------------------|
| Method: | E300.0 | | - . | | | | | , | | Batch: | R118717 |
| Sample ID: | LCS | <u>2</u> | Laboratory Cor | trol Sample | | | Run: IC1-C | _090526A | | 05/26/ | '09 17: 07 |
| Chloride | | | 9.52 | mg/L | 1.0 | 95 | 90 | 110 | | | |
| Sulfate | | | 38.5 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sample ID: | MBLK | <u>2</u> | Method Blank | | | | Run: IC1-C | _090526A | | 05/26/ | 09 17:23 |
| Chloride | | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: | C09050591-014AMS | <u>2</u> | Sample Matrix | Spike | | | Run: IC1-C | _090526A | | 05/27 | 09 05:12 |
| Chloride | | | 24.1 | mg/L | 1.0 | 99 | 90 | 110 | | | |
| Sulfate | | | 161 | mg/L | 1.0 | 101 | 90 | 110 | | | |
| Sample ID: | C09050591-014AMSI | D <u>2</u> | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090526A | | 05/27 | /09 05:27 |
| Chloride | | _ | 24.5 | mg/L | 1.0 | 102 | 90 | 110 | 2 | 20 | |
| Sulfate | | | 163 | mg/L | 1.0 | 104 | 90 | 110 | 1.4 | 20 | |
| Sample ID: | C09050629-009AMS | <u>2</u> | Sample Matrix | Spike | | | Run: IC1-C | _090526A | | 05/27 | /09 09:03 |
| Chloride | | | 24.3 | mg/L | 1.0 | 99 | 90 | 110 | | | |
| Sulfate | | | 207 | mg/L | 1.0 | 99 | 90 | 110 | | | |
| Sample ID: | C09050629-009AMS1 | D <u>2</u> | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090526A | | 05/27 | /09 09:18 |
| Chloride | | | 24.3 | mg/L | 1.0 | 99 | 90 | 110 | 0.1 | 20 | |
| Sulfate | | | 210 | mg/L | 1.0 | 103 | 90 | 110 | 1.4 | 20 | |
| Method: | E350.1 | | | <u> </u> | | | | | | Batch: B | R12994 |
| Sample ID: | MBLK | | Method Blank | | | | Run: SUB-I | B129945 | | 05/26 | /09 08:03 |
| Nitrogen, A | mmonia as N | | ND | mg/L | 0.02 | | | | | | |
| Sample ID: | LFB | | Laboratory For | tified Blank | | | Run: SUB- | B129945 | | 05/26 | /09 08:05 |
| Nitrogen, A | Ammonia as N | | 1.08 | mg/L | 0.10 | 109 | 90 | 110 | | | |
| Sample ID: | B09051877-007DMS | | Sample Matrix | Spike | | | Run: SUB- | B129945 | | 05/26 | /09 08:25 |
| Nitrogen, A | Ammonia as N | | 1.70 | mg/L | 0.050 | 91 | 90 | 110 | | | |
| Sample ID: | B09051877-007DMS | Ð | Sample Matrix | Spike Duplicate | | | Run: SUB- | B129945 | | 05/26 | /09 08:26 |
| Nitrogen, A | Ammonia as N | | 1.70 | mg/L | 0.050 | 90 | 90 | 110 | 0.3 | 10 | |
| Sample ID: | C09050629-008E | | Sample Matrix | Spike | | | Run: SUB- | B129945 | | 05/26 | /09 08:39 |
| Nitrogen, A | Ammonia as N | | 0.800 | mg/L | 0.050 | <u>74</u> | 90 | 110 | | | S |
| Sample ID | : C09050629-008E | | Sample Matrix | Spike Duplicate | | | Run: SUB- | B129945 | | 05/26 | 09 08:40 |
| • | Ammonia as N | | 0.782 | mg/L | 0.050 | 73 | 90 | 110 | 2,3 | 10 | S |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------------------------|-------|--------------|-----------------|-------|------|------------|------------|-----|------------|----------|
| Method: E353.2 | | | | - | | | • | | Batch: B_F | 3129869 |
| Sample ID: MBLK | Me | thod Blank | | | | Run: SUB-E | 3129869 | | 05/22/0 | 9 10:27 |
| Nitrogen, Nitrate+Nitrite as N | | ND | mg/L | 0.002 | | | | | | |
| Sample ID: LFB | Lal | poratory For | tified Blank | | | Run: SUB-E | 3129869 | | 05/22/0 | 9 10:28 |
| Nitrogen, Nitrate+Nitrite as N | | 1.04 | mg/L | 0.050 | 106 | 90 | 110 | | | |
| Sample ID: C09050629-005E | Sa | mple Matrix | Spike | | | Run: SUB-E | 3129869 | | 05/22/0 | 9 12:40 |
| Nitrogen, Nitrate+Nitrite as N | | 0.998 | mg/L | 0.050 | 102 | 90 | 110 | | | |
| Sample ID: C09050629-005E | Sa | mple Matrix | Spike Duplicate | | | Run: SUB-E | 3129869 | | 05/22/0 | 9 12:41 |
| Nitrogen, Nitrate+Nitrite as N | | 0.994 | mg/L | 0.050 | 101 | 90 | 110 | 0.4 | 10 | |
| Sample ID: C09050629-008E | Sa | mple Matrix | Spike | | | Run: SUB-E | 3129869 | | 05/22/0 | 9 14:38 |
| Nitrogen, Nitrate+Nitrite as N | | 1.05 | mg/L | 0.050 | 104 | 90 | 110 | | | |
| Sample ID: C09050629-008E | Sa | mple Matrix | Spike Duplicate | | | Run: SUB-E | 3129869 | | 05/22/0 | 9 14:39 |
| Nitrogen, Nitrate+Nitrite as N | | 1.06 | mg/L | 0.050 | 104 | 90 | 110 | 0.3 | 10 | |
| Method: E900.0 | | | | | | <u> </u> | | | Batch: Gr | AB-0667 |
| Sample ID: MB-GrAB-0667 | 6 Me | thod Blank | | | | Run: G5000 | OW_090608B | | 06/10/0 | 9 22:44 |
| Gross Alpha | | 0.02p0 | Di/L | | | | _ | | | U |
| Gross Alpha precision (±) | | 0.5 | pCi/L | | | | | | | |
| Gross Alpha MDC | | 0.6 | pCi/L | | | | | | | |
| Gross Beta | | -0.7 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | | 1 | pCi/L | | | | | | | |
| Gross Beta MDC | | 2 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0667 | La | boratory Co | ntrol Sample | | | Run: G5000 | DW_090608B | | 06/10/0 | 9 22:44 |
| Gross Alpha | | 130 | pCi/L | | 95 | 70 | 130 | | | |
| Sample ID: Cs137-GrAB-0667 | La | boratory Co | ntrol Sample | | | Run: G5000 | DW_090608B | | 06/10/0 | 9 22:44 |
| Gross Beta | | 86 | pCi/L | | 94 | 70 | 130 | | | |
| Sample ID: C09050548-022DMS | Sa | mple Matrix | Spike | | | Run: G500 | 0W_090608B | | 06/11/0 | 9 11:00 |
| Gross Alpha | | 128 | pCi/L | | 93 | 70 | 130 | | | |
| Sample ID: C09050548-022DMSD | Sa | ımple Matrix | Spike Duplicate | | | Run: G500 | 0W_090608B | | 06/11/0 | 9 11:00 |
| Gross Alpha | | 132 | pCi/L | | 97 | 70 | 130 | 3.4 | 15.9 | |
| Sample ID: C09050548-022DMS | Sa | ımple Matrix | Spike | | | Run: G500 | 0W_090608B | | 06/11/0 | 09 11:00 |
| Gross Beta | | 88.8p | = | | 98 | 70 | 130 | | | |
| Sample ID: C09050548-022DMSD |) Sa | ımple Matrix | Spike Duplicate | | | Run: G500 | 0W_090608B | | 06/11/0 | 09 11:00 |
| | | | | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte | Count Result | Units | RL %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|-------------------|---------|-----------|------------|-----|----------|-----------|
| Method: E900.0 | <u> </u> | | | | | | Batch: G | rAB-0668 |
| Sample ID: MB-GrAB-0668 | 6 Method Blank | | | Run: G500 | 0W_090609A | | 06/12/ | /09 01:30 |
| Gross Alpha | -0.2 | pCi/L | | | | | | U |
| Gross Alpha precision (±) | 0.5 | pCi/L | | | | | | |
| Gross Alpha MDC | 0.6 | pCi/L | | | | | | |
| Gross Beta | -2 | pCi/L | | | | | | U |
| Gross Beta precision (±) | 1 | pCi/L | | | | | | |
| Gross Beta MDC | 2 | pCi/L | | | | | | |
| Sample ID: UNAT-GrAB-0668 | Laboratory Co | ontrol Sample | | Run: G500 | 0W_090609A | | 06/12 | /09 01:30 |
| Gross Alpha | 150 | pCi/L | 109 | 70 | 130 | | | |
| Sample ID: Cs137-GrAB-0668 | Laboratory Co | ontrol Sample | | Run: G500 | 0W_090609A | | 06/12 | /09 01:30 |
| Gross Beta | 88 | pCi/L | 98 | 70 | 130 | | | |
| Sample ID: C09050629-020DMS | Sample Matri | x Spike | | Run: G500 | 0W_090609A | | 06/12 | /09 13:34 |
| Gross Alpha | 146 | pCi/L | 106 | 70 | 130 | | | |
| Sample ID: C09050629-020DMSE | Sample Matri | x Spike Duplicate | | Run: G500 | 0W_090609A | | 06/12 | /09 13:34 |
| Gross Alpha | 142 | pCi/L | 103 | 70 | 130 | 3.3 | 15.7 | |
| Sample ID: C09050629-020DMS | Sample Matrix | x Spike | | Run: G500 | 0W_090609A | | 06/12 | /09 13:34 |
| Gross Beta | 85.7p | oCi/L | 94 | 70 | 130 | | | |
| Sample ID: C09050629-020DMSE | Sample Matri | x Spike Duplicate | | Run: G500 | 0W_090609A | | 06/12 | /09 13:34 |
| Gross Beta | 87.5p | ci/L | 96 | 70 | 130 | 2 | 16.1 | |

RL - Analyte reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte | Count Result | Units | RL %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|-----------------|---------|------------|------------|-----|----------|----------|
| Method: E900.0 | | | | | | | Batch: G | rAB-067 |
| Sample ID: C09050376-001EMS | Sample Matrix | Spike | | Run: G5000 | 0W_090618A | | 06/21/ | 09 20:26 |
| Gross Alpha | 132 | pCi/L | 96 | 70 | 130 | | | |
| Sample ID: C09050376-001EMSD | Sample Matrix | Spike Duplicate | | Run: G5000 | 0W_090618A | | 06/21/ | 09 20:26 |
| Gross Alpha | 133 | pCi/L | 97 | 70 | 130 | 0.6 | 16.3 | |
| Sample ID: C09050376-001EMS | Sample Matrix | Spike | | Run: G500 | 0W_090618A | | 06/21/ | 09 20:26 |
| Gross Beta | 89.1p | Ci/L | 98 | 70 | 130 | | | |
| Sample ID: C09050376-001EMSD | Sample Matrix | Spike Duplicate | | Run: G500 | 0W_090618A | | 06/21/ | 09 20:26 |
| Gross Beta | 88.1p | Ci/L | 97 | 70 | 130 | 1 | 16.3 | |
| Sample ID: MB-GrAB-0677 | 6 Method Blank | | | Run: G500 | 0W_090618A | | 06/21/ | 09 20:26 |
| Gross Alpha | -0.5 | pCi/L | | | | | | U |
| Gross Alpha precision (±) | 0.5 | pCi/L | | | | | | |
| Gross Alpha MDC | 0.6 | pCi/L | | | | | | |
| Gross Beta | -2 | pCi/L | | | | | | U |
| Gross Beta precision (±) | 2 | pCi/L | | | | | | |
| Gross Beta MDC | 2 | pCi/L | | | | | | |
| Sample ID: UNAT-GrAB-0677 | Laboratory Co | ontrol Sample | | Run: G500 | 0W_090618A | | 06/21/ | 09 20:26 |
| Gross Alpha | 140 | pCi/L | 105 | 70 | 130 | | | |
| Sample ID: Cs137-GrAB-0677 | Laboratory Co | ontrol Sample | | Run: G500 | 0W_090618A | | 06/21/ | 09 20:26 |
| Gross Beta | 88 | pCi/L | 98 | 70 | 130 | | | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte | Count | Result | Units | RL | %REC | Low Lim | it Hig | h Limit | RPD | RPDLimit | Qual |
|---|--------------------------|---|---|----------|-----------------|---|--|--|-------|---|--|
| Method: E900.0 | | | | | | | | | | Batch: G | rAB-0688 |
| Sample ID: MB-GrAB-0688 | <u>6</u> Me | ethod Blank | | | | Run: TEN | NNELE | C-3_090629A | | 07/02/ | 09 04:00 |
| Gross Alpha | | 1 | pCi/L | | | | | | | | |
| Gross Alpha precision (±) | | 0.7 | pCi/L | | | | | | | | |
| Gross Alpha MDC | | 0.6 | pCi/L | | | | | | | | |
| Gross Beta | | -2 | pCi/L | | | | | | | | U |
| Gross Beta precision (±) | | 1 | pCi/L | | | | | | | | |
| Gross Beta MDC | | 2 | pCi/L | | | | | | | | |
| Sample ID: UNAT-GrAB-0688 | La | boratory Cor | ntrol Sample | | | Run: TEN | NNELE | C-3_090629A | Ŀ | 07/02/ | 09 04:00 |
| Gross Alpha | | 140 | pCi/L | | 103 | 7 | 0 | 130 | | | |
| Sample ID: Cs137-GrAB-0688 | La | boratory Cor | ntroi Sample | | | Run: TEN | NELE | C-3_090629A | ı | 07/02/ | 09 04:01 |
| Gross Beta | | 97 | pCi/L | | 107 | 7 | 0 | 130 | | | |
| Sample ID: C09060692-004DMS | Sa | ımple Matrix | Spike | | | Run: TEN | NNELE | C-3_090629A | | 07/02/ | 09 04:01 |
| Gross Alpha | | 180 | pCi/L | | 127 | 7 | 0 | 130 | | | |
| Sample ID: C09060692-004DMSI | o Sa | ımple Matrix | Spike Duplicate | | | Run: TEN | NNELE | C-3_090629A | ı | 07/02/ | 09 04:01 |
| • | | - | | | | 7 | _ | 400 | | 40.0 | S |
| Gross Alpha | | 200 | pCi/L | | <u>142</u> | - / | 0 | 130 | 10 | 16.6 | 3 |
| Gross Alpha - Spike response is outside of the acc | eptance rai | | | and MS a | | | - | | 10 | 16.6 | 5 |
| - Spike response is outside of the acc | | | alysis. Since the LCS | and MS a | | able the bat | ch is app | | | | _ |
| - Spike response is outside of the acc | | nge for this an | alysis. Since the LCS Spike | and MS a | | able the bat Run: TEI | ch is app | proved. | | | _ |
| - Spike response is outside of the acc Sample ID: C09060692-005DMS | Sa | nge for this and ample Matrix 95.0p0 | alysis. Since the LCS Spike | and MS a | re accepta | able the bat Run: TEN 7 | ch is app NNELE | oroved. C-3_090629A | | 07/02/ | 09 04:00 |
| - Spike response is outside of the acc Sample ID: C09060692-005DMS Gross Beta | Sa | nge for this and ample Matrix 95.0p0 | alysis. Since the LCS Spike Ci/L Spike Duplicate | and MS a | re accepta | Run: TEN 7 Run: TEN | ch is app NNELE | oroved. C-3_090629A 130 | | 07/02/ | 09 04:00 09 04:00 |
| - Spike response is outside of the acc Sample ID: C09060692-005DMS Gross Beta Sample ID: C09060692-005DMSI | Sa | nge for this and ample Ma trix 95.0p0 ample M atrix | alysis. Since the LCS Spike Ci/L Spike Duplicate | and MS a | re accepta | Run: TEN 7 Run: TEN | ch is app NNELE(0 | oroved. C-3_090629A 130 C-3_090629A | · | 07/02 <i>i</i> 07/02 <i>i</i> | 709 04:00 709 04:00 |
| - Spike response is outside of the acc Sample ID: C09060692-005DMS Gross Beta Sample ID: C09060692-005DMSI Gross Beta Method: E903.0 | Sa D Sa | nge for this and ample Matrix 95.0p0 ample Matrix 93.2p0 | alysis. Since the LCS Spike Ci/L Spike Duplicate Ci/L | and MS a | re accepta | able the bat Run: TEN 7 Run: TEN 7 | ch is app NNELE(0 NNELE(| oroved. C-3_090629A 130 C-3_090629A | 2 | 07/02/ 07/02/ 16.1 Batch: RA | 709 04:00 709 04:00 226-369 |
| - Spike response is outside of the acc Sample ID: C09060692-005DMS Gross Beta Sample ID: C09060692-005DMSI Gross Beta Method: E903.0 Sample ID: C09050629-001DMS | Sa D Sa | nge for this and ample Ma trix 95.0p0 ample M atrix | alysis. Since the LCS Spike Ci/L Spike Duplicate Ci/L | and MS a | re accepta | Run: TEN 7 Run: TEN 7 Run: TEN | ch is app NNELE(0 NNELE(| oroved. C-3_090629A 130 C-3_090629A 130 | 2 | 07/02/ 07/02/ 16.1 Batch: RA | 709 04:00 709 04:00 226-369 |
| - Spike response is outside of the acc Sample ID: C09060692-005DMS Gross Beta Sample ID: C09060692-005DMSI Gross Beta Method: E903.0 Sample ID: C09050629-001DMS Radium 226 | Sa D Sa Sa | nge for this and ample Matrix 95.0p0 ample Matrix 93.2p0 | alysis. Since the LCS Spike Ci/L Spike Duplicate Ci/L Spike pCi/L | and MS a | 100 98 | Run: TEN 7 Run: TEN 7 Run: TEN 7 Run: TEN 7 | ch is appropriate of the control of | 0roved. C-3_090629A 130 C-3_090629A 130 C-2_090527E 130 | 2 | 07/02/ 07/02/ 16.1 Batch: RA 06/09/ | 709 04:00 709 04:00 |
| - Spike response is outside of the acc Sample ID: C09060692-005DMS Gross Beta Sample ID: C09060692-005DMSI Gross Beta Method: E903.0 Sample ID: C09050629-001DMS Radium 226 | Sa D Sa Sa | nge for this and ample Matrix 95.0p0 ample Matrix 93.2p0 | alysis. Since the LCS Spike Ci/L Spike Duplicate Ci/L Spike | and MS a | 100 98 | Run: TEN 7 Run: TEN 7 Run: TEN 7 Run: TEN 7 Run: TEN | ch is appropriate of the control of | oroved. C-3_090629A 130 C-3_090629A 130 C-2_090527E | 2 | 07/02/ 07/02/ 16.1 Batch: RA 06/09/ | 709 04:00 709 04:00 709 04:00 709 10:41 |
| - Spike response is outside of the accessample ID: C09060692-005DMS Gross Beta Sample ID: C09060692-005DMSI Gross Beta Method: E903.0 Sample ID: C09050629-001DMS Radium 226 Sample ID: C09050629-001DMSI Radium 226 | Sa D Sa Sa D Sa | ample Matrix 95.0p0 ample Matrix 93.2p0 ample Matrix 16 ample Matrix | alysis. Since the LCS Spike Ci/L Spike Duplicate Ci/L Spike pCi/L Spike pCi/L Spike Duplicate | and MS a | 100 98 97 | Run: TEN 7 | ch is approved to the control of the | 0roved. C-3_090629A 130 C-3_090629A 130 C-2_090527E 130 C-2_090527E | 2 8.5 | 07/02/ 07/02/ 16.1 Batch: RA 06/09/ 06/09/ 24.8 | 709 04:00 709 04:00 709 04:00 709 10:41 709 12:12 |
| - Spike response is outside of the accessample ID: C09060692-005DMS Gross Beta Bample ID: C09060692-005DMSI Gross Beta Method: E903.0 Bample ID: C09050629-001DMSI Radium 226 Bample ID: C09050629-001DMSI Radium 226 Bample ID: MB-RA226-3691 | Sa D Sa Sa D Sa | ample Matrix 95.0p0 ample Matrix 93.2p0 ample Matrix 16 ample Matrix 15 | alysis. Since the LCS Spike Ci/L Spike Duplicate Ci/L Spike pCi/L Spike pCi/L Spike Duplicate | and MS a | 100 98 97 | Run: TEN 7 | ch is approved to the control of the | 0roved. C-3_090629A 130 C-3_090629A 130 C-2_090527E 130 C-2_090527E | 2 8.5 | 07/02/ 07/02/ 16.1 Batch: RA 06/09/ 06/09/ 24.8 | 709 04:00 709 04:00 709 04:00 709 10:41 709 12:12 |
| - Spike response is outside of the accessmple ID: C09060692-005DMS Gross Beta Sample ID: C09060692-005DMSI Gross Beta Method: E903.0 Sample ID: C09050629-001DMSI Radium 226 Sample ID: C09050629-001DMSI Radium 226 Sample ID: MB-RA226-3691 Radium 226 | Sa D Sa Sa D Sa | ample Matrix 95.0p0 ample Matrix 93.2p0 ample Matrix 16 ample Matrix 15 ethod Blank | alysis. Since the LCS Spike Ci/L Spike Duplicate Ci/L Spike pCi/L Spike Duplicate pCi/L | and MS a | 100 98 97 | Run: TEN 7 | ch is approved to the control of the | 0roved. C-3_090629A 130 C-3_090629A 130 C-2_090527E 130 C-2_090527E | 2 8.5 | 07/02/ 07/02/ 16.1 Batch: RA 06/09/ 06/09/ 24.8 | 709 04:00 709 04:00 226-369 709 10:41 709 12:12 |
| - Spike response is outside of the accessmple ID: C09060692-005DMS Gross Beta Sample ID: C09060692-005DMSI Gross Beta Method: E903.0 Sample ID: C09050629-001DMSI Radium 226 Sample ID: C09050629-001DMSI Radium 226 Sample ID: MB-RA226-3691 Radium 226 Radium 226 Radium 226 Radium 226 | Sa D Sa Sa D Sa | ample Matrix 95.0p0 ample Matrix 93.2p0 ample Matrix 16 ample Matrix 15 ethod Blank 0.1 | alysis. Since the LCS Spike Ci/L Spike Duplicate Ci/L Spike pCi/L Spike Duplicate pCi/L pCi/L | and MS a | 100 98 97 | Run: TEN 7 | ch is approved to the control of the | 0roved. C-3_090629A 130 C-3_090629A 130 C-2_090527E 130 C-2_090527E | 2 8.5 | 07/02/ 07/02/ 16.1 Batch: RA 06/09/ 06/09/ 24.8 | 709 04:00 709 04:00 226-369 709 10:41 709 12:12 |
| - Spike response is outside of the acc Sample ID: C09060692-005DMS Gross Beta Sample ID: C09060692-005DMSI Gross Beta Method: E903.0 Sample ID: C09050629-001DMS Radium 226 | Sa D Sa Sa D Sa | ample Matrix 95.0p0 ample Matrix 93.2p0 ample Matrix 16 ample Matrix 15 ethod Blank 0.1 0.1 0.2 | alysis. Since the LCS Spike Ci/L Spike Duplicate Ci/L Spike pCi/L Spike pCi/L Spike Duplicate pCi/L pCi/L | and MS a | 100 98 97 | Run: TEN 7 Run: TEN | ch is app NNELE 0 NNELE 0 NNELE 0 NNELE | 0roved. C-3_090629A 130 C-3_090629A 130 C-2_090527E 130 C-2_090527E | 2 8.5 | 07/02/ 07/02/ 16.1 Batch: RA 06/09/ 24.8 06/09/ | 709 04:00 709 04:00 709 04:00 709 10:41 709 12:12 709 18:13 |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte | Count | Result | · — Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|------------|----------------|-----------------|----|------|-----------|-------------|----------|-----------|----------------|
| Method: E903.0 | | | | | | | | | Batch: RA | 226-3692 |
| Sample ID: C09050629-005DMS | ; | Sample Matrix | Spike | | | Run: BERT | HOLD 770-2 | _090526A | 06/06 | /09 23:24 |
| Radium 226 | | 16 | pCi/L | | 93 | 70 | 130 | _ | | |
| Sample ID: C09050629-005DMS0 |) | Sample Matrix | Spike Duplicate | | | Run: BERT | HOLD 770-2 | _090526A | 06/06 | /09 23:24 |
| Radium 226 | | 17 | pCi/L | | 100 | 70 | 130 | 7.3 | 23.8 | |
| Sample ID: MB-RA226-3692 | <u>3</u> | Method Blank | | | | Run: BERT | HOLD 770-2 | _090526A | 06/07 | /09 00:57 |
| Radium 226 | | -0.1 | pCi/L | | | | | | | U |
| Radium 226 precision (±) | | 0.08p0 | Ci/L | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | |
| Sample ID: LCS-RA226-3692 | 1 | Laboratory Cor | ntrol Sample | | | Run: BERT | HOLD 770-2 | _090526A | 06/07 | /09 00:57 |
| Radium 226 | | 7.3 | pCi/L | | 94 | 70 | 130 | | | |
| Method: E903.0 | | | - - | | | | | | Batch: RA | 226-3693 |
| Sample ID: C09050629-011DMS | : | Sample Matrix | Spike | | | Run: BERT | HOLD 770-1 | _090526E | 06/07 | /09 22:01 |
| Radium 226 | | 16 | pCi/L | | 88 | 70 | 130 | | | |
| Sample ID: C09050629-011DMSE |) : | Sample Matrix | Spike Duplicate | | | Run: BERT | HOLD 770-1 | _090526E | 06/07 | /09 22:01 |
| Radium 226 | | 17 | pCi/L | | 96 | 70 | 130 | 6.7 | 23.1 | |
| Sample ID: MB-RA226-3693 | <u>3</u> | Method Blank | | | | Run: BERT | HOLD 770-1 | _090526E | 06/08 | /09 00:01 |
| Radium 226 | | -0.1 | pCi/L | | | | | | | U |
| Radium 226 precision (±) | | 0.08p0 | Ci/L | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | ٠ |
| Sample ID: LCS-RA226-3693 | 1 | Laboratory Cor | ntrol Sample | | | Run: BERT | THOLD 770-1 | _090526E | 06/08 | /09 00:01 |
| Radium 226 | | 6.5 | pCi/L | | 85 | 70 | 130 | | | |
| Method: E903.0 | | | | | | | | | Batch: RA | 226-3695 |
| Sample ID: C09050629-019DMS | | Sample Matrix | Spike | | | Run: BERT | THOLD 770-2 | _090527A | 06/07 | /09 21:58 |
| Radium 226 | | 17 | pCi/L | | 92 | 70 | 130 | | | |
| Sample ID: C09050629-019DMSI | 0 | Sample Matrix | Spike Duplicate | | | Run: BERT | THOLD 770-2 | _090527A | 06/07 | /09 21:58 |
| Radium 226 | | 16 | pCi/L | | 85 | 70 | 130 | 6.2 | 24.4 | |
| Sample ID: MB-RA226-3695 | 3 | Method Blank | | | | Run: BERT | THOLD 770-2 | _090527A | 06/08 | /09 00:01 |
| Radium 226 | _ | -0.1 | pCi/L | | | | | | | U |
| Radium 226 precision (±) | | 0.08p0 | Ci/L | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | |
| Sample ID: LCS-RA226-3695 | | Laboratory Co | ntrol Sample | | | Run: BER1 | THOLD 770-2 | 090527A | 06/08 | /09 00:01 |
| Radium 226 | | 7.4 | pCi/L | | 96 | | 130 | | | - · |
| · | | , | • | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte | Count | Result | Units | RL %F | REC | Low Limit | High Li | nit | RPD | RPDLimit | Qual |
|-------------------------------|------------|---------------|-----------------|-------|-----|-----------|----------|---------|-----|-----------|-----------|
| Method: RA-05 | | | | _ | | | | | | Batch: RA | 228-2677 |
| Sample ID: LCS-228-RA226-3692 | . La | boratory Cor | ntrol Sample | | | Run: TENN | ELEC-3_6 | 090526B | | 06/01 | /09 12:24 |
| Radium 228 | | 7.6 | pCi/L | | 87 | 70 | 1 | 30 | | | |
| Sample ID: MB-RA226-3692 | <u>3</u> M | ethod Blank | | | | Run: TENN | ELEC-3_ | 090526B | | 06/01 | /09 12:24 |
| Radium 228 | | 0.05p0 | Ci/L | | | | | | | | U |
| Radium 228 precision (±) | | 0.6 | pCi/L | | | | | | | | |
| Radium 228 MDC | | 0.6 | pCi/L | | | | | | | | |
| Sample ID: C09050629-006DMS | Sa | ample Matrix | Spike | | | Run: TENN | ELEC-3_ | 090526B | | 06/01 | /09 12:24 |
| Radium 228 | | 16 | pCi/L | | 80 | 70 | 1 | 30 | | | |
| Sample ID: C09050629-006DMS |) Sa | ample Matrix | Spike Duplicate | | | Run: TENN | ELEC-3_ | 090526B | | 06/01 | /09 12:24 |
| Radium 228 | | 15 | pCi/L | | 75 | 70 | 1 | 30 | 6.6 | 34.7 | |
| Method: RA-05 | | , | | | | | | | | Batch: RA | 228-2678 |
| Sample ID: LCS-228-RA226-3693 | La | aboratory Cor | ntrol Sample | | | Run: TENN | ELEC-3_ | 090526C | | 06/01 | /09 14:32 |
| Radium 228 | | 10.7p0 | Di/L | | 118 | 70 | 1 | 30 | | | |
| Sample ID: MB-RA226-3693 | <u>3</u> M | ethod Blank | | | | Run: TENN | ELEC-3_ | 090526C | | 06/01 | /09 14:32 |
| Radium 228 | | 0.4 | pCi/L | | | | | | | | U |
| Radium 228 precision (±) | | 1.0 | pCi/L | | | | | | | | |
| Radium 228 MDC | | 2 | pCi/L | | | | | | | | |
| Sample ID: C09050629-016DMS | Si | ample Matrix | Spike | | | Run: TENN | ELEC-3_ | 090526C | | 06/01 | /09 14:32 |
| Radium 228 | | 21.2p0 | Di/L | | 103 | 70 | 1 | 30 | | | |
| Sample ID: C09050629-016DMS0 |) Si | ample Matrix | Spike Duplicate | | | Run: TENN | ELEC-3_ | 090526C | | 06/01 | /09 14:32 |
| Radium 228 | | 21.0p0 | Di/L | | 103 | 70 | 1 | 30 | 0.9 | 34.6 | |
| Method: RA-05 | | | | | | | | | • | Batch: RA | 228-2679 |
| Sample ID: LCS-228-RA226-3691 | La | aboratory Cor | ntrol Sample | | | Run: TENN | ELEC-3_ | 090527B | | 06/02 | /09 09:28 |
| Radium 228 | | 8.10p0 | Ci/L | | 98 | 70 | 1 | 30 | | | |
| Sample ID: MB-RA226-3691 | <u>3</u> M | ethod Blank | | | | Run: TENN | ELEC-3_ | 090527B | | 06/02 | /09 09:28 |
| Radium 228 | | -0.4 | pCi/L | | | | | | | | U |
| Radium 228 precision (±) | | 8.0 | pCi/L | | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | |
| Sample ID: C09050629-002DMS | S | ample Matrix | Spike | | | Run: TENN | ELEC-3_ | 090527B | | 06/02 | /09 09:28 |
| Radium 228 | | 17.3p0 | Ci/L | | 90 | 70 | 1 | 30 | | | |
| Sample ID: C09050629-002DMSI | o s | ample Matrix | Spike Duplicate | | | Run: TENN | ELEC-3_ | 090527B | | 06/02 | /09 09:28 |
| Radium 228 | | 17.6p0 | CiVI | | 92 | 70 | 1 | 30 | 1.7 | 33.4 | |

Qualifiers:

RL - Analyte reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050629

| Analyte | Count | Result | Units | RL %REC | Low Limit | - : High Li | mit Ri | PD RPDLimit | Qual |
|-------------------------------|-------------|-------------|-----------------|---------|-----------|----------------|---------|-------------|------------|
| Method: RA-05 | - | | | | | | | Batch: R | A228-2680 |
| Sample ID: LCS-228-RA226-3698 | 5 Lab | oratory Co | ntrol Sample | | Run: TEN | NELEC-3_ | 090527C | 06/02 | 2/09 11:50 |
| Radium 228 | | 7.82p | Ci/L | 90 | 70 | 1 | 30 | | |
| Sample ID: MB-RA226-3695 | <u>3</u> Me | thod Blank | | | Run: TEN | NELEC-3_ | 090527C | 06/02 | 2/09 11:50 |
| Radium 228 | | 0.08p | Ci/L | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | |
| Sample ID: C09050629-020DMS | Sai | mple Matrix | Spike | | Run: TEN | NELEC-3_ | 090527C | 06/02 | 2/09 11:50 |
| Radium 228 | | 17.3p | Ci/L | 100 | 70 | 1 | 30 | | |
| Sample ID: C09050629-020DMS | D Sai | mple Matrix | Spike Duplicate | | Run: TEN | NELEC-3_ | 090527C | 06/02 | 2/09 11:50 |
| Radium 228 | | 14.4pt | Ci/L | 84 | . 70 | 1 | 30 | 18 34.3 | |

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

| Company Name: | | | rovide as much informations PWS, Permit, Etc. | ation as possi | <i>D10.</i> | | - | le Origin | EPA/St | tate Compliar | nce: |
|--|--|-------------|---|----------------|--------------|-------------------------|---------------------------|---|---------------|---|-----------------------|
| UR Energy | lost | | seck | | | | State: | WY | Yes [|] No 🖸 | } |
| HR Energy Report Mail Address! 1880 Enterprise Dr. saile 700 Casper WY 82109 | Contact Na | me: | Phone/Fa | | de: | et-en e | Email अक्रम य ऽ | | Sample | er: (Please Pi | rint) - |
| Invoice Address: | Invoice Cor | ntact & | & Phone: | | | | Purch | ase Order: | Quote/ | Bottle Order: | |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: UN ENERGY Exce Sheet DW | Number of Containers Sample Type: A W S V B O Air Water Soils/Solids Vegetation Bioassay Other | de/ 1/20 8 | Analysis Ri | | SEE ATTACHED | Normal Turnaround (TAT) | R U S H | Contact EL1 price RUSH sample is for charges and scheduling – Se Instruction Page Comments: | ubmittal e | Shipped by HO Cooler ID(s): Cooler ID(s): Receipt Temp On Ice: Yes Custody Seal Bottles/ Coolers Intact | _°C YN BC YN |
| SAMPLE IDENTIFICATION Collection Collection (Name, Location, Interval, etc.) | MATRIX | પુ | | | | | | | | Signature Match | Y N |
| M-128 #23 5-19-09 | W Zge/ | | | | | | <u></u> | | | <u>⊳</u> | |
| 2 M-127 #24 | | 7 | | | | | | | | | |
| 3 M-126 #25 | | $ \rangle$ | | | | | | | | | |
| 4 M-125 #26 | | | | | | | | | | | |
| 5 M-124 #27 | | | | | | | <u> </u> | Α | | <u></u> | |
| 6 M·177 #78 | | | | | | | | U09050L | 129 | | |
| 7 M. 122 #29 |) | } | | | | 1 | | | | <u>A</u> | |

Lab Disposal: In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis equested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Received by (print):

Received by Laboratory:

Received

Date/Time:

Date/Time:

5/901

6,00

Signature

#30

#31

Sample Disposal:

Date/Time:

Return to Client:

5-19:09 17:00 Date/Time: 5-20-29-8,19-

Custody

Record

MUST be

Signed

| ENERGY | 7 |
|--------------|---|
| LABORATORIES | |
| | |

Chain of Custody and Analytical Request Record

| Page | S | of | <u>ح</u> |
|------|---|----|----------|
| 9- | | | |

| Company Name: | we- | Project Nam | | | | as possib | 11E. | Τ | Samp | le Origin | EPA/St | ate Compliance: |
|--|--------------|--|-------------|----------------------|----------|-------------|------------|-------------------------|--------------|-------------------------------------|-------------|-------------------------|
| DR Energy | | 1050 | Sect | 1 | | | | | State: | WY | Yes □ | No 🗗 |
| Report Mail Address: S880 Energise Dr Snike 200 | | Contact Nar | ne: | Pho | ne/Fax: | | | | Email | | Sample | r: (Please Print) |
| Casoel WY 82609 | - | Tal. Cal | 2 7. | 16-287 | 13 ida | lad | 61.50 | ار سودد عو | اک دونر، سمت | a Com | | |
| Invoice Address: | | Invoice Con | tact & Pr | - 265 - 237 none: | بريدي ر | · 64 14 1 | <u></u> | C HE . | Purch | ase Order: | Quote/l | Bottle Order: |
| | | | | | | | | | | | | |
| Special Report/Formats – ELI must be notif | fied | | AR | MLYSI9 | BEQU | JESTE | I D | | | Contact ELI prior RUSH sample su | | Shipped by: |
| prior to sample submittal for the following: | | Number of Containers Sample Type: A W S V B O Air Water Soils/Solids Vegetation Bioassay Other | | | | | | E | R | for charges and scheduling – See | | Cooler ID(s): |
| UR Energy Extel Sheet | | M S N S Solis Say (| | | | | ATTACHED | Normal Turnaround (TAT) | U | Instruction Page | , | 14 |
| ☐ DW ☐ A2LA | | Solls Bloas | | | | | AC! | onuc. | 0 | Comments: | | Receipt Temp |
| GSA EDD/EDT(Elect | ronic Data) | Der o | 0 | | | | Ę | ırnar | S | · | | On ice: |
| State: LEVEL IV | | Num ample Air \ egets | | | | | lui l | lal Tı | | | | Custody Seal Y N |
| Other: NELAC | | ~\overline{\chi} > | 17 | | | | SEE | Sor. | Н | | | Bottles/ B C Coolers |
| SAMPLE IDENTIFICATION Collection | Collection | | ائ | | | | | | | | | Intact Y N |
| (Name, Location, Interval, etc.) Date | Time | MATRIX | 13 | | | | | | | | | Match Y N |
| Mu-110 #33 5-1909 | | W Zges | 5 | | | | _ | | | | | <u></u> |
| ² Mo-111 #34 | | | | | | | | | | | | |
| 3 My-111 #35 (| | | 1 | | | | | | | | | <u> </u> |
| 4 Mo-112 #36 | | | | | | | | | | | | |
| 5 MP-1/2 #37) | <u> </u> | | | | | | _ _ | | | <i>f</i> | |) A8 |
| ° M4-112 #38 | | | | | | | | | | W905040 | REX | |
| 7 MU-113 #39 | | | | | | | | | | | | |
| ° Mu-113 #40 | | | (1) | | | | | | | | | |
| ° M-131 #41 | | | | | | | | | | , | | <u></u> |
| 10 M-132 #42 | | | | | | | | | | | | 1 |
| Custody Relinquished by (orint): Date/Time | 1909 1 | Signa 7.00 | | = | Received | LIV | A | | ate/Time | | · Signat | |
| Record Relinquisher by (point) Date/Time MUST be | 0-07. | 8:19 Signa | ature | | Received | by (print): | 7 | D | ate/Time | | Signa | // |
| Signed Sample Disposal: Return to Client: | - | Lab Dispo | sal· | • | | by Laborato | on: | D | ate/Time | 0/09 080 | Signat | ture: |
| Sample Disposal: Return to Client. | | ran Dispu | oai | | <u> </u> | | (~/> | _ | to | 70. 017 | | 1// |

Energy Laboratories Inc Workorder Receipt Checklist



UR Energy USA Inc

C09050629

| Login completed by: Corinne Wagner | | Date and Time Received: 5/20/2009 8:19 AM | | | | | | | |
|---|-------|---|------------------------|--|--|--|--|--|--|
| Reviewed by: | | Re | eceived by: al | | | | | | |
| Reviewed Date: | | Carrier name: Hand Del | | | | | | | |
| | | | | | | | | | |
| Shipping container/cooler in good condition? | Yes 🔲 | No 🗌 | Not Present ✓ | | | | | | |
| Custody seals intact on shipping container/cooler? | Yes 🔲 | No 🔲 | Not Present ✓ | | | | | | |
| Custody seals intact on sample bottles? | Yes 🔲 | No 🖂 | Not Present 🗸 | | | | | | |
| Chain of custody present? | Yes 🔽 | No 🗀 | | | | | | | |
| Chain of custody signed when relinquished and received? | Yes 🏹 | No 🔲 | | | | | | | |
| Chain of custody agrees with sample labels? | Yes 🗹 | No 🔲 | | | | | | | |
| Samples in proper container/bottle? | Yes 🗹 | No 🗀 | | | | | | | |
| Sample containers intact? | Yes 🔽 | No 🗌 | | | | | | | |
| Sufficient sample volume for indicated test? | Yes 🗸 | No 🗌 | | | | | | | |
| All samples received within holding time? | Yes 🗹 | No 🗀 | | | | | | | |
| Container/Temp Blank temperature: | 6°C | | | | | | | | |
| Water - VOA vials have zero headspace? | Yes 🗌 | No 🗌 | No VOA vials submitted | | | | | | |
| Water - pH acceptable upon receipt? | Yes 🗹 | No 🗌 | Not Applicable | | | | | | |
| ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | | | | | | |

Contact and Corrective Action Comments:

Samples for dissolved metals were subsampled, filtered and preserved with 1/2 mL HNO3 in lab upon receipt to pH <2. Samples were subsampled and preserved in lab upon receipt for total metals with 1/2 mL HNO3 and for Nitrate+Nitrite and ammonia with 1/2 mL H2SO4 to pH <2. In accordance with the Drinking Water Act, the metals/hardness sample must be held 24 hours prior to analysis.



CLIENT:

UR Energy USA Inc

Project:

Lost Creek

Sample Delivery Group: C09050629

Date: 14-Jul-09

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS

Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS

The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505

Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT

eli-g - Energy Laboratories, Inc. - Gillette, WY

eli-h - Energy Laboratories, Inc. - Helena, MT

eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA;

Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER, WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT



ANALYTICAL SUMMARY REPORT

July 09, 2009

UR Energy USA Inc 10758 W Centennial Rd Ste 200 Ken Caryl Ranch, CO 80127

Workorder No.: C09050645

Quote ID: C2998 - Baseline Monitoring

Project Name:

Lost Creek

Energy Laboratories, Inc. received the following 17 samples for UR Energy USA Inc on 5/20/2009 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|--------------|------------------|----------------|--------------|---------|--|
| C09050645-00 | 01 MO-104 | 05/20/09 00:00 | 05/20/09 | Aqueous | Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved |
| C09050645-0 | 02 MP-104 | 05/20/09 00:00 | 05/20/09 | Aqueous | Same As Above |
| C09050645-0 | 03 MU-104 | 05/20/09 00:00 | 05/20/09 | Aqueous | Same As Above |
| C09050645-0 | 04 MO-106 | 05/20/09 00:00 | 05/20/09 | Aqueous | Same As Above |
| C09050645-0 | 05 MP-106 | 05/20/09 00:00 | 05/20/09 | Aqueous | Same As Above |
| C09050645-0 | 06 MU-106 | 05/20/09 00:00 | 0 05/20/09 | Aqueous | Same As Above |
| C09050645-0 | 07 MO-107 | 05/20/09 00:00 | 05/20/09 | Aqueous | Same As Above |
| C09050645-0 | 08 MP-107 | 05/20/09 00:00 | 0 05/20/09 | Aqueous | Same As Above |
| C09050645-0 | 09 MU-107 | 05/20/09 00:0 | 0 05/20/09 | Aqueous | Same As Above |
| C09050645-0 | 10 M-133 | 05/20/09 00:0 | 0 05/20/09 | Aqueous | Same As Above |
| C09050645-0 | 011 MP-108 | 05/20/09 00:0 | 0 05/20/09 | Aqueous | Same As Above |
| | 012 MO-108 | 05/20/09 00:0 | 0.05/20/09 | Aqueous | Same As Above |



ANALYTICAL SUMMARY REPORT

| C09050645-013 MO-109 | 05/20/09 00:00 05/20/09 | Aqueous | Same As Above |
|----------------------|-------------------------|---------|---------------|
| C09050645-014 MP-109 | 05/20/09 00:00 05/20/09 | Aqueous | Same As Above |
| C09050645-015 MU-109 | 05/20/09 00:00 05/20/09 | Aqueous | Same As Above |
| C09050645-016 MP-113 | 05/20/09 00:00 05/20/09 | Aqueous | Same As Above |
| C09050645-017 M-134 | 05/20/09 00:00 05/20/09 | Aqueous | Same As Above |

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Steven E. Carlston Technical Director



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-001

Client Sample ID: MO-104

Report Date: 07/09/09

Collection Date: 05/20/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|-------------|---------------|------------|--------|-------------|----------------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 123 | mg/L | | 1 | | A2320 B | 05/23/09 20:42 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 20:42 / ljl |
| Bicarbonate as HCO3 | 150 | mg/L | | 1 | | A2320 B | 05/23/09 20:42 / ljl |
| Calcium | 85 | mg/L | | 1 | | E200.7 | 06/23/09 15:13 / aae |
| Chloride | 9 | mg/L | | 1 | | E300.0 | 06/01/09 22:05 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/24/09 15:48 / ljl |
| Magnesium | 5 | mg/L | | 1 | | E200.7 | 06/23/09 15:13 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 11:38 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.87 | mg/L | | 0.05 | | E353.2 | 05/26/09 13:15 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/23/09 15:13 / aae |
| Silica | 15.2 | mg/L | | 0.2 | | E200.8 | 06/08/09 14:05 / sml |
| Sodium | 42 | mg/L | | 1 | | E200.7 | 06/23/09 15:13 / aae |
| Sulfate | 183 | mg/L | | 1 | | E300.0 | 06/01/09 22:05 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 615 | umhos/cm | | 1 | | A2510 B | 05/21/09 14:24 / dd |
| Hq | 7.86 | s.u. | | 0.01 | | A4500-H B | 05/21/09 14:24 / dd |
| Solids, Total Dissolved TDS @ 180 C | 438 | mg/L | | 10 | | A2540 C | 05/21/09 13:26 / rp |
| METALS - DISSOLVED | | | | | | | 00/00/00 44 05 1 1 |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 14:05 / sml |
| Arsenic | ND | m g /L | | 0.001 | | E200.8 | 05/23/09 06:28 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 06:28 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 14:05 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 06:28 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 06:28 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 06:28 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 14:05 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 06:28 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 06:28 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 06:28 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 06:28 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 06:28 / ts |
| Selenium | 0.046 | mg/L | | 0.001 | | E200.8 | 05/23/09 06:28 / ts |
| Uranium | 0.883 | mg/L | | 0.0003 | | E200.8 | 05/23/09 06:28 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 06:28 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/08/09 14:05 / sml |
| METALS - TOTAL | | | | | | = 005 = | 00105/00 04:44 / |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 01:11 / aae |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 06/05/09 01:11 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-001

Client Sample ID: MO-104

Report Date: 07/09/09

Collection Date: 05/20/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 837 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Gross Alpha precision (±) | 12.5 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Gross Beta | 303 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Gross Beta precision (±) | 5.2 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Gross Beta MDC | 3.4 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Radium 226 | 3.2 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 226 precision (±) | 0.37 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 228 | 3.3 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.166 | % | | | | Calculation | 06/30/09 08:40 / kbh |
| Anions | 6.59 | meq/L | | | | Calculation | 06/30/09 08:40 / kbh |
| Cations | 6.61 | meq/L | | | | Calculation | 06/30/09 08:40 / kbh |
| Solids, Total Dissolved Calculated | 427 | mg/L | | | | Calculation | 06/30/09 08:40 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | ŭ | | | | Calculation | 06/30/09 08:40 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-002

Client Sample ID: MP-104

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL_ | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|------------------|---|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 107 | mg/L | | 1 | | A2320 B | 05/23/09 20:49 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 20:49 / ljl |
| Bicarbonate as HCO3 | 130 | mg/L | | 1 | | A2320 B | 05/23/09 20:49 / ljl |
| Calcium | 85 | mg/L | | 1 | | E200.7 | 06/08/09 18:13 / aae |
| Chloride | 9 | mg/L | | 1 | | E300.0 | 06/01/09 22:51 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/24/09 15:51 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/09/09 20:33 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 11:41 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/26/09 13:16 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/08/09 18:13 / aae |
| Silica | 12.9 | mg/L | | 0.2 | | E200.8 | 06/08/09 14:40 / sml |
| Sodium | 37 | mg/L | | 1 | | E200.7 | 06/08/09 18:13 / aae |
| Sulfate | 192 | mg/L | | 1 | | E300.0 | 06/01/09 22:51 / ljl |
| PHYSICAL PROPERTIES | | | | | | . | 0.710.440.74.44 |
| Conductivity | 605 | umhos/cm | | 1 | | A2510 B | 05/21/09 14:27 / dd |
| pH | 8.12 | s.u. | | 0.01 | | A4500-H B | 05/21/09 14:27 / dd |
| Solids, Total Dissolved TDS @ 180 C | 425 | mg/L | | 10 | | A2540 C | 05/21/09 13:26 / rp |
| METALS - DISSOLVED | | | | | | 5 000 0 | 00/00/00 44:40 / cml |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 14:40 / sml 05/23/09 07:16 / ts |
| Arsenic | 0.006 | mg/L | | 0.001 | | E200.8 | 05/23/09 07:16 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 14:40 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:16 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 07:16 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 07:16 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 07:10 / ts 06/08/09 14:40 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 05/23/09 07:16 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:16 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 07:16 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:16 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:16 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 07:16 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:16 / ts |
| Uranium | 0.184 | mg/L | | 0.0003 | | E200.8 | 05/23/09 07:16 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 E200.8 | 06/08/09 14:40 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 00/00/09 14.40 / 3111 |
| METALS - TOTAL | | | | 0.02 | | E200.7 | 06/05/09 01:16 / aae |
| Iron | ND | mg/L | - | 0.03 | | | 06/05/09 01:16 / aae |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | JUINDING VI. TO I dat |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc.

Project:

Lost Creek

Lab ID:

C09050645-002

Client Sample ID: MP-104

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 763 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Gross Alpha precision (±) | 11.6 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Gross Beta | 239 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Gross Beta precision (±) | 4.7 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Gross Beta MDC | 3.4 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Radium 226 | 394 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 226 precision (±) | 3.6 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 228 | 5.3 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.11 | % | | | | Calculation | 06/30/09 08:40 / kbh |
| Anions | 6.39 | meq/L | | | | Calculation | 06/30/09 08:40 / kbh |
| Cations | 6.25 | meq/L | | | | Calculation | 06/30/09 08:40 / kbh |
| Solids, Total Dissolved Calculated | 412 | mg/L | | | | Calculation | 06/30/09 08:40 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | - | | | | Calculation | 06/30/09 08:40 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-003

Client Sample ID: MU-104

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|--|
| | | | | - | | | - |
| MAJOR IONS | 86 | mg/L | | 1 | | A2320 B | 05/23/09 21:12 / ljl |
| Alkalinity, Total as CaCO3 | 2 | mg/L | | 1 | | A2320 B | 05/23/09 21:12 / ljl |
| Carbonate as CO3 | 100 | mg/L | | 1 | | A2320 B | 05/23/09 21:12 / ljl |
| Bicarbonate as HCO3 | 57 | mg/L | | 1 | | E200.7 | 06/08/09 18:19 / aae |
| Calcium | 6 | mg/L | | 1 | | E300.0 | 06/01/09 23:06 / ljl |
| Chloride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/24/09 15:54 / ljl |
| Fluoride | 3 | mg/L | | 1 | | E200.7 | 06/23/09 15:36 / aae |
| Magnesium | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 11:42 / eli-l |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E353.2 | 05/26/09 13:17 / eli-l |
| Nitrogen, Nitrate+Nitrite as N | 3 | mg/L | | 1 | | E200.7 | 06/23/09 15:36 / aae |
| Potassium | 12.9 | = | | 0.2 | | E200.8 | 06/08/09 14:46 / sml |
| Silica | | mg/L | | 1 | | E200.7 | 06/08/09 18:19 / aae |
| Sodium | 32 | mg/L | | 1 | | E300.0 | 06/01/09 23:06 / ljl |
| Sulfate | 155 | mg/L | | ı | | 2000.0 | COLO MOS ESPERANÇA |
| PHYSICAL PROPERTIES | | | | | | 40540 B | 05/21/09 14:29 / dd |
| Conductivity | 497 | umhos/cm | | 1 | | A2510 B | 05/21/09 14:29 / dd |
| Н | 8.56 | s.u. | | 0.01 | | A4500-H B | 05/21/09 14:29 / du 05/21/09 13:27 / rp |
| Solids, Total Dissolved TDS @ 180 C | 399 | mg/L | | 10 | | A2540 C | 05/21/09 13.27 / Ip |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 14:46 / sm |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/23/09 07:23 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:23 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 14:46 / sm |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 07:23 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 07:23 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 07:23 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 14:46 / sm |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:23 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 07:23 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:23 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:23 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 07:23 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:23 / ts |
| | 0.0726 | mg/L | | 0.0003 | | E200.8 | 05/23/09 07:23 / ts |
| Uranium Vonadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:23 / ts |
| Vanadium Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/08/09 14:46 / sm |
| METALS - TOTAL | | | | | | | |
| | 0.45 | mg/L | | 0.03 | | E200.7 | 06/03/09 16:00 / aa |
| Iron Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/29/09 03:43 / ts |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-003

Client Sample ID: MU-104

Report Date: 07/09/09

Collection Date: 05/20/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 209 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Gross Alpha precision (±) | 5.9 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Gross Beta | 130 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Gross Beta precision (±) | 3.7 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Gross Beta MDC | 3.4 | pCi/L | | | | E900.0 | 06/12/09 04:41 / cgr |
| Radium 226 | 95 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 226 precision (±) | 1.9 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 228 | 4.4 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| | 1 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| Radium 228 precision (±) Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| DATA QUALITY | | | | | | | 00/00/00 00:44 (khh |
| A/C Balance (± 5) | -5.91 | % | | | | Calculation | 06/30/09 08:44 / kbh |
| Anions | 5.13 | meq/L | | | | Calculation | 06/30/09 08:44 / kbh |
| Cations | 4.55 | meq/L | | | | Calculation | 06/30/09 08:44 / kbh |
| Solids, Total Dissolved Calculated | 325 | mg/L | | | | Calculation | 06/30/09 08:44 / kbh |
| TDS Balance (0.80 - 1.20) | 1.23 | | | | | Calculation | 06/30/09 08:44 / kbh |

⁻ The Anion / Cation balance was confirmed by re-analysis.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-004

Client Sample ID: MO-106

Report Date: 07/09/09

Collection Date: 05/20/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|---------------|--|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 99 | mg/L | | 1 | | A2320 B | 05/23/09 21:19 / ljl |
| Carbonate as CO3 | 1 | mg/L | | 1 | | A2320 B | 05/23/09 21:19 / ljl |
| Bicarbonate as HCO3 | 119 | mg/L | | 1 | | A2320 B | 05/23/09 21:19 / ljl |
| Calcium | 51 | mg/L | | 1 | | E200.7 | 06/08/09 18:24 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/01/09 23:22 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/24/09 15:56 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/09/09 21:12 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 11:44 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.17 | mg/L | | 0.05 | | E353.2 | 05/26/09 13:19 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/08/09 18:24 / aae |
| Silica | 11.9 | mg/L | | 0.2 | | E200.8 | 06/08/09 14:53 / sml |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/08/09 18:24 / aae |
| Sulfate | 114 | mg/L | | 1 | | E300.0 | 06/01/09 23:22 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 438 | umhos/cm | | 1 | | A2510 B | 05/21/09 14:31 / dd |
| PΗ | 8.39 | s.u. | | 0.01 | | A4500-H B | 05/21/09 14:31 / dd |
| Solids, Total Dissolved TDS @ 180 C | 304 | mg/L | | 10 | | A2540 C | 05/21/09 13:27 / rp |
| METALS - DISSOLVED | | | | | | 5000.0 | 06/08/09 14:53 / sml |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:29 / ts |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/23/09 07:29 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 14:53 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:29 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 07:29 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 07:29 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/08/09 14:53 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 05/23/09 07:29 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:29 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 07:29 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:29 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:29 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 07:29 / ts |
| Selenium | 0.031 | mg/L | | 0.001 | | E200.8 | 05/23/09 07:29 / ts |
| Uranium | 0.371 | mg/L | | 0.0003 | | E200.8 | 05/23/09 07:29 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:29 / ts 06/08/09 14:53 / sm |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 14.55 / Sm |
| METALS - TOTAL | | | | 0.00 | | E200.7 | 06/05/09 01:33 / aae |
| Iron | 0.03 | mg/L | | 0.03 | | E200.7 | 06/05/09 01:33 / aad |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | JUIUJIUJ U I.JJ I dat |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-004

Client Sample ID: MO-106

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 261 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Alpha precision (±) | 6.2 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Alpha MDC | 1.2 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Beta | 160 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Beta precision (±) | 4.0 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Beta MDC | 3.3 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Radium 226 | 5.5 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 226 precision (±) | 0.50 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 228 | 2.4 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| DATA QUALITY | | | | | | | 22/22/22 22 47 414 |
| A/C Balance (± 5) | -4.58 | % | | | | Calculation | 06/30/09 08:47 / kbh |
| Anions | 4.52 | meq/L | | | | Calculation | 06/30/09 08:47 / kbh |
| Cations | 4.12 | meq/L | | | | Calculation | 06/30/09 08:47 / kbh |
| Solids, Total Dissolved Calculated | 282 | mg/L | | | | Calculation | 06/30/09 08:47 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | | | | | Calculation | 06/30/09 08:47 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek C09050645-005

Client Sample ID: MP-106

Report Date: 07/09/09

Collection Date: 05/20/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|--|
| Allaiyada | | - | | | | | |
| MAJOR IONS | | | | | | 40000 D | 05/02/00 24:27 / (i) |
| Alkalinity, Total as CaCO3 | 106 | mg/L | | 1 | | A2320 B | 05/23/09 21:27 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 21:27 / ljl 05/23/09 21:27 / ljl |
| Bicarbonate as HCO3 | 129 | mg/L | | 1 | | A2320 B | • |
| Calcium | 54 | mg/L | | 1 | | E200.7 | 06/08/09 18:30 / aae |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 06/01/09 23:37 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/24/09 16:12 / Iji |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/23/09 15:41 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 11:45 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/26/09 13:20 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/23/09 15:41 / aae |
| Silica | 13.7 | mg/L | | 0.2 | | E200.8 | 06/08/09 15:00 / sml |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 06/08/09 18:30 / aae |
| Sulfate | 117 | mg/L | | 1 | | E300.0 | 06/01/09 23:37 / lji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 453 | umhos/cm | | 1 | | A2510 B | 05/21/09 14:33 / dd |
| Н | 8.01 | s.u. | | 0.01 | | A4500-H B | 05/21/09 14:33 / dd |
| Solids, Total Dissolved TDS @ 180 C | 317 | mg/L | | 10 | | A2540 C | 05/21/09 13:28 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 15:00 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:36 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:36 / ts |
| Boron | ND | mg/L | | 0.1 | | €200.8 | 06/08/09 15:00 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 07:36 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 07:36 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 07:36 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 15:00 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:36 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 07:36 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:36 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:36 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 07:36 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:36 / ts |
| | 0.0071 | mg/L | | 0.0003 | | E200.8 | 05/23/09 07:36 / ts |
| Uranium Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:36 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 06/08/09 15:00 / sml |
| METALS - TOTAL | | | | | | | |
| · | 0.05 | mg/L | | 0.03 | | E200.7 | 06/05/09 01:38 / aae |
| Iron Manganese | ND | mg/L | D | 0.02 | | E200.7 | 06/05/09 01:38 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-005

Client Sample ID: MP-106

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|----------------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 23.8 | p Ci /L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Alpha precision (±) | 2.0 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Alpha MDC | 1.2 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Beta | 11.3 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Beta precision (±) | 2.2 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Beta MDC | 3.4 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Radium 226 | 7.5 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 226 precision (±) | 0.54 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 228 | 4.1 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.27 | % | | | | Calculation | 06/30/09 08:47 / kbh |
| Anions | 4.58 | meq/L | | | | Calculation | 06/30/09 08:47 / kbh |
| Cations | 4.21 | meq/L | | | | Calculation | 06/30/09 08:47 / kbh |
| Solids, Total Dissolved Calculated | 286 | mg/L | | | | Calculation | 06/30/09 08:47 / kbh |
| TDS Balance (0.80 - 1.20) | 1.11 | - | | | | Calculation | 06/30/09 08:47 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-006

Client Sample ID: MU-106

Report Date: 07/09/09

Collection Date: 05/20/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 114 | mg/L | | 1 | | A2320 B | 05/23/09 21:34 / ljl |
| Carbonate as CO3 | 4 | mg/L | | 1 | | A2320 B | 05/23/09 21:34 / ljl |
| Bicarbonate as HCO3 | 131 | mg/L | | 1 | | A2320 B | 05/23/09 21:34 / ljl |
| Calcium | 64 | mg/L | | 1 | | E200.7 | 06/08/09 18:46 / aae |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 06/01/09 23:53 / Iji |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/24/09 16:15 / Iji |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/09/09 21:23 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 11:46 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/26/09 13:21 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/08/09 18:46 / aae |
| Silica | 13.7 | mg/L | | 0.2 | | E200.8 | 06/08/09 15:07 / sml |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 06/08/09 18:46 / aae |
| Sulfate | 124 | mg/L | | 1 | | E300.0 | 06/01/09 23:53 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 466 | umhos/cm | | 1 | | A2510 B | 05/21/09 17:28 / dd |
| pH | 8.48 | s.u. | | 0.01 | | A4500-H B | 05/21/09 17:28 / dd |
| Solids, Total Dissolved TDS @ 180 C | 341 | mg/L | | 10 | | A2540 C | 05/21/09 13:28 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 15:07 / sml |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 05/23/09 07:43 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:43 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 15:07 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 07:43 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 07:43 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 07:43 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 15:07 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:43 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 07:43 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:43 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:43 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 07:43 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:43 / ts |
| Uranium | 0.0819 | mg/L | | 0.0003 | | E200.8 | 05/23/09 07:43 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:43 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/08/09 15:07 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 01:43 / aae |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 06/05/09 01:43 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Cllent:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-006

Client Sample ID: MU-106

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 432 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Alpha precision (±) | 8.4 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Beta | 191 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Beta precision (±) | 4.3 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Beta MDC | 3.4 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Radium 226 | 312 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 226 precision (±) | 3.6 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/08/09 10:50 / jah |
| Radium 228 | 4.2 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.57 | % | | | | Calculation | 06/30/09 08:48 / kbh |
| Anions | 4.98 | meq/L | | | | Calculation | 06/30/09 08:48 / kbh |
| Cations | 4.83 | meq/L | | | | Calculation | 06/30/09 08:48 / kbh |
| Solids, Total Dissolved Calculated | 317 | mg/L | | | | Calculation | 06/30/09 08:48 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | - | | | | Calculation | 06/30/09 08:48 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-007

Client Sample ID: MO-107

Report Date: 07/09/09 Collection Date: 05/20/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 103 | mg/L | | 1 | | A2320 B | 05/23/09 22:05 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 22:05 / ljl |
| Bicarbonate as HCO3 | 126 | mg/L | | 1 | | A2320 B | 05/23/09 22:05 / ljl |
| Calcium | 57 | mg/L | | 1 | | E200.7 | 06/08/09 18:51 / aae |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 06/02/09 00:08 / Iji |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/24/09 16:21 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/09/09 21:28 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 11:47 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.08 | mg/L | | 0.05 | | E353.2 | 05/26/09 13;22 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/08/09 18:51 / aae |
| Silica | 12.1 | mg/L | | 0.2 | | E200.8 | 06/08/09 15:13 / sml |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 06/08/09 18:51 / aae |
| Sulfate | 118 | mg/L | | 1 | | E300.0 | 06/02/09 00:08 / lji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 439 | umhos/cm | | 1 | | A2510 B | 05/21/09 17:32 / dd |
| pH | 8.06 | s.u. | | 0.01 | | A4500-H B | 05/21/09 17:32 / dd |
| Solids, Total Dissolved TDS @ 180 C | 316 | mg/L | | 10 | | A2540 C | 05/21/09 13:28 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 15:13 / sml |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/23/09 07:50 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:50 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 15:13 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 07:50 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 07:50 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 07:50 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 15:13 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:50 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 07:50 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:50 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:50 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 07:50 / ts |
| Selenium | 0.020 | mg/L | | 0.001 | | E200.8 | 05/23/09 07:50 / ts |
| Uranium | 0.409 | mg/L | | 0.0003 | | E200.8 | 05/23/09 07:50 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:50 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/08/09 15:13 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 01:49 / aae |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 06/05/09 01:49 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-007

Client Sample ID: MO-107

Report Date: 07/09/09 Collection Date: 05/20/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | <u> </u> | | - | | |
| Gross Alpha | 343 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Alpha precision (±) | 7.2 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Alpha MDC | 1.2 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Beta | 137 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Beta precision (±) | 3.8 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Gross Beta MDC | 3.4 | pCi/L | | | | E900.0 | 06/12/09 04:42 / cgr |
| Radium 226 | 5.9 | pCi/L | | | | E903.0 | 06/08/09 13:00 / jah |
| Radium 226 precision (±) | 0.49 | pCi/L | | | | E903.0 | 06/08/09 13:00 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/08/09 13:00 / jah |
| Radium 228 | 1.8 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.15 | % | | | | Calculation | 06/30/09 08:48 / kbh |
| Anions | 4,67 | meq/L | | | | Calculation | 06/30/09 08:48 / kbh |
| Cations | 4.56 | meq/L | | | | Calculation | 06/30/09 08:48 / kbh |
| Solids, Total Dissolved Calculated | 298 | mg/L | | | | Calculation | 06/30/09 08:48 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | - | | | | Calculation | 06/30/09 08:48 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Cllent:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-008

Client Sample ID: MP-107

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 127 | mg/L | | 1 | | A2320 B | 05/23/09 22:12 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 22:12 / ljl |
| Bicarbonate as HCO3 | 155 | mg/L | | 1 | | A2320 B | 05/23/09 22:12 / Ijl |
| Calcium | 35 | mg/L | | 1 | | E200.7 | 06/08/09 18:57 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/08/09 22:44 / ljl |
| Fluoride | 0.3 | mg/L | | 0.1 | | A4500-F C | 05/24/09 16:31 / ljl |
| Magnesium | 1 | mg/L | | 1 | | E200.7 | 06/09/09 21:34 / aae |
| Nitrogen, Ammonia as N | 0.39 | mg/L | | 0.05 | | E350.1 | 05/26/09 11:51 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.06 | mg/L | | 0.05 | | E353.2 | 05/26/09 13:29 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/08/09 18:57 / aae |
| Silica | 13.5 | mg/L | | 0.2 | | E200.8 | 06/08/09 15:20 / sml |
| Sodium | 72 | mg/L | | 1 | | E200.7 | 06/08/09 18:57 / aae |
| Sulfate | 138 | mg/L | | 1 | | E300.0 | 06/08/09 22:44 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 533 | umhos/cm | | 1 | | A2510 B | 05/21/09 17:34 / dd |
| pH | 8.12 | s.u. | | 0.01 | | A4500-H B | 05/21/09 17:34 / dd |
| Solids, Total Dissolved TDS @ 180 C | 388 | mg/L | | 10 | | A2540 C | 05/21/09 13:28 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 15:20 / sml |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 05/23/09 07:57 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:57 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 15:20 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 07:57 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 07:57 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 07:57 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 15:20 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:57 / ts |
| Manganese | 0.04 | mg/L | | 0.01 | | E200.8 | 05/23/09 07:57 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 07:57 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:57 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 07:57 / ts |
| Selenium | 0.013 | mg/L | | 0.001 | | E200.8 | 05/23/09 07:57 / ts |
| Uranium | 0.108 | mg/L | | 0.0003 | | E200.8 | 05/23/09 07:57 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 07:57 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/08/09 15:20 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 4.10 | mg/L | | 0.03 | | E200.7 | 06/03/09 16:05 / aae |
| Manganese | 80.0 | mg/L | | 0.01 | | E200.8 | 05/29/09 04:17 / ts |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-008

Client Sample ID: MP-107

Report Date: 07/09/09

Collection Date: 05/20/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 678 | pCi/L | | | | E900.0 | 06/19/09 03:06 / cgr |
| Gross Alpha precision (±) | 61.5 | pCi/L | | | | E900.0 | 06/19/09 03:06 / cgr |
| Gross Alpha MDC | 43.3 | pCi/L | | | | E900.0 | 06/19/09 03:06 / cgr |
| Gross Beta | 344 | pCi/L | | | | E900.0 | 06/19/09 03:06 / cgr |
| Gross Beta precision (±) | 36.2 | pCi/L | | | | E900.0 | 06/19/09 03:06 / cgr |
| Gross Beta MDC | 50.7 | pCi/L | | | | E900.0 | 06/19/09 03:06 / cgr |
| Radium 226 | 15 | pCi/L | | | | E903.0 | 06/08/09 13:00 / jah |
| Radium 226 precision (±) | 0.77 | pCi/L | | | | E903.0 | 06/08/09 13:00 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/08/09 13:00 / jah |
| Radium 228 | 2.9 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.93 | % | | | | Calculation | 06/30/09 08:48 / kbh |
| Anions | 5.58 | meq/L | | | | Calculation | 06/30/09 08:48 / kbh |
| Cations | 5.05 | meq/L | | | | Calculation | 06/30/09 08:48 / kbh |
| Solids, Total Dissolved Calculated | 348 | mg/L | | | | Calculation | 06/30/09 08:48 / kbh |
| TDS Balance (0.80 - 1.20) | 1.11 | | | | | Calculation | 06/30/09 08:48 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-009

Client Sample ID: MU-107

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------------|
| MAJOR IONS | ··-· | | | | | | |
| Alkalinity, Total as CaCO3 | 94 | mg/L | | 1 | | A2320 B | 05/23/09 22:19 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/23/09 22:19 / ljl |
| Bicarbonate as HCO3 | 114 | mg/L | | 1 | | A2320 B | 05/23/09 22:19 / ljl |
| Calcium | 52 | mg/L | | 1 | | E200.7 | 06/08/09 19:02 / aae |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 06/02/09 00:39 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/24/09 16:34 / Ijl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/09/09 21:39 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 11:54 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/26/09 13:26 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/08/09 19:02 / aae |
| Silica | 13.3 | mg/L | | 0.2 | | E200.8 | 06/08/09 15:27 / sml |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 06/08/09 19:02 / aae |
| Sulfate | 120 | mg/L | | 1 | | E300.0 | 06/02/09 00:39 / Ijl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 426 | umhos/cm | | 1 | | A2510 B | 05/21/09 17:36 / dd |
| pH | 8.22 | s.u. | | 0.01 | | A4500-H B | 05/21/09 17:36 / dd |
| Solids, Total Dissolved TDS @ 180 C | 312 | mg/L | | 10 | | A2540 C | 05/21/09 13:29 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 15:27 / sml |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 05/23/09 08:03 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 08:03 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 15:27 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 08:03 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 08:03 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 08:03 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 15:27 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 08:03 / ts |
| Manganese | NĐ | mg/L | | 0.01 | | E200.8 | 05/23/09 08:03 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 08:03 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 08:03 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 08:03 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 08:03 / ts |
| Uranium | 0.0154 | mg/L | | 0.0003 | | E200.8 | 05/23/09 08:03 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 08:03 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 06/08/09 15:2 7 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 01:54 / aae |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 06/05/09 01:54 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-009

Client Sample ID: MU-107

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL. | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|-------------|-------|------------|-----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 48.8 | pCi/L | | | | E900.0 | 06/21/09 20:25 / cgr |
| Gross Alpha precision (±) | 2.8 | pCi/L | | | | E900.0 | 06/21/09 20:25 / cgr |
| Gross Alpha MDC | 1.2 | pCi/L | | | | E900.0 | 06/21/09 20:25 / cgr |
| Gross Beta | 24.3 | pCi/L | | | | E900.0 | 06/21/09 20:25 / cgr |
| Gross Beta precision (±) | 2.4 | pCi/L | | | | E900.0 | 06/21/09 20:25 / cgr |
| Gross Beta MDC | 3.3 | pCi/L | | | | E900.0 | 06/21/09 20:25 / cgr |
| Radium 226 | 8.7 | pCi/L | | | | E903.0 | 06/08/09 13:00 / jah |
| Radium 226 precision (±) | 0.58 | pCi/L | | | | E903.0 | 06/08/09 13:00 / jah |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 06/08/09 13:00 / jah |
| Radium 228 | 4.6 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/02/09 13:51 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.50 | % | | | | Calculation | 06/30/09 08:49 / kbh |
| Anions | 4.50 | meq/L | | | | Calculation | 06/30/09 08:49 / kbh |
| Cations | 4.28 | meq/L | | | | Calculation | 06/30/09 08:49 / kbh |
| Solids, Total Dissolved Calculated | 289 | mg/L | | | | Calculation | 06/30/09 08:49 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | _ | | | | Calculation | 06/30/09 08:49 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-010

Client Sample ID: M-133

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 92 | mg/L | | 1 | | A2320 B | 05/26/09 09:45 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/26/09 09:45 / Ijl |
| Bicarbonate as HCO3 | 112 | mg/L | | 1 | | A2320 B | 05/26/09 09:45 / Ijl |
| Calcium | 51 | mg/L | | 1 | | E200.7 | 06/08/09 19:25 / aae |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 06/02/09 01:40 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/24/09 16:37 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/09/09 22:07 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 11:55 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/26/09 13:31 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/08/09 19:25 / aae |
| Silica | 13.3 | mg/L | | 0.2 | | E200.8 | 06/08/09 15:34 / sml |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 06/08/09 19:25 / aae |
| Sulfate | 121 | mg/L | | 1 | | E300.0 | 06/02/09 01:40 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 425 | umhos/cm | | 1 | | A2510 B | 05/21/09 17:39 / dd |
| pH | 8.23 | s.u. | | 0.01 | | A4500-H B | 05/21/09 17:39 / dd |
| Solids, Total Dissolved TDS @ 180 C | 299 | mg/L | | 10 | | A2540 C | 05/21/09 13:29 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 15:34 / sml |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 05/23/09 08:37 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 08:37 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 15:34 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 08:37 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 08:37 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 08:37 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 15:34 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 08:37 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 08:37 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 08:37 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 08:37 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 08:37 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 08:37 / ts |
| Uranium | 0.0153 | mg/L | | 0.0003 | | E200.8 | 05/23/09 08:37 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 08:37 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 06/08/09 15:34 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 02:00 / aae |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 06/05/09 02:00 / aae |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-010

Client Sample ID: M-133

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 43.3 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Alpha precision (±) | 2.6 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Alpha MDC | 1.2 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Beta | 23.1 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Beta precision (±) | 2.4 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Beta MDC | 3.3 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Radium 226 | 8.3 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 226 precision (±) | 0.56 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 228 | 2.7 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.46 | % | | | | Calculation | 06/30/09 08:49 / kbh |
| Anions | 4.49 | meq/L | | | | Calculation | 06/30/09 08:49 / kbh |
| Cations | 4.27 | meq/L | | | | Calculation | 06/30/09 08:49 / kbh |
| Solids, Total Dissolved Calculated | 290 | mg/L | | | | Calculation | 06/30/09 08:49 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | - | | | | Calculation | 06/30/09 08:49 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-011

Client Sample ID: MP-108

Report Date: 07/09/09

Collection Date: 05/20/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|---------------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 109 | mg/L | | 1 | | A2320 B | 05/26/09 09:52 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/26/09 09:52 / Iji |
| Bicarbonate as HCO3 | 133 | mg/L | | 1 | | A2320 B | 05/26/09 09:52 / ljl |
| Calcium | 69 | mg/L | | 1 | | E200.7 | 06/08/09 19:30 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/08/09 22:59 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/24/09 16:40 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/09/09 22:13 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 11:57 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/26/09 13:32 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/08/09 19:30 / aae |
| Silica | 13.2 | mg/L | | 0.2 | | E200.8 | 06/08/09 16:28 / sml |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 06/08/09 19:30 / aae |
| Sulfate | 146 | mg/L | | 1 | | E300.0 | 06/08/09 22:59 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 503 | umhos/cm | | 1 | | A2510 B | 05/21/09 17:41 / dd |
| pH | 8.04 | s.u. | | 0.01 | | A4500-H B | 05/21/09 17:41 / dd |
| Solids, Total Dissolved TDS @ 180 C | 356 | mg/L | | 10 | | A2540 C | 05/21/09 13:29 / rp |
| METALS - DISSOLVED | | | | | | 2000 0 | 00/00/00 40:00 / |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 16:28 / sml |
| Arsenic | 0.007 | mg/L | | 0.001 | | E200.8 | 05/23/09 10:33 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 10:33 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 16:28 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 10:33 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 10:33 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 10:33 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 16:28 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 10:33 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/23/09 10:33 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 10:33 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 10:33 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 10:33 / ts |
| Selenium | 0.005 | mg/L | | 0.001 | | E200.8 | 05/23/09 10:33 / ts |
| Uranium | 0.151 | mg/L | | 0.0003 | | E200.8 | 05/23/09 10:33 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 10:33 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 06/08/09 16:28 / sml |
| METALS - TOTAL | | | | | | E000 7 | 00/05/00 00:22 / 222 |
| Iron | 0.03 | mg/L | | 0.03 | | E200.7 | 06/05/09 02:23 / aae |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 06/05/09 02:23 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-011

Client Sample ID: MP-108

Report Date: 07/09/09

Collection Date: 05/20/09 DateReceived: 05/20/09

Matrix: Aqueous

| | | | | | | | |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 248 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Alpha precision (±) | 6.4 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Beta | 151 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Beta precision (±) | 3.9 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Gross Beta MDC | 3.4 | pCi/L | | | | E900.0 | 06/12/09 23:14 / cgr |
| Radium 226 | 64 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 226 precision (±) | 1.5 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 228 | 3.5 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.82 | % | | | | Calculation | 06/30/09 08:49 / kbh |
| Anions | 5.35 | meq/L | | | | Calculation | 06/30/09 08:49 / kbh |
| Cations | 5,16 | meq/L | | | | Calculation | 06/30/09 08:49 / kbh |
| Solids, Total Dissolved Calculated | 341 | mg/L | | | | Calculation | 06/30/09 08:49 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | - | | | | Calculation | 06/30/09 08:49 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-012

Client Sample ID: MO-108

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09 Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 103 | mg/L | | 1 | | A2320 B | 05/26/09 09:59 / Ijl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/26/09 09:59 / ljl |
| Bicarbonate as HCO3 | 125 | mg/L | | 1 | | A2320 B | 05/26/09 09:59 / ljl |
| Calcium | 59 | mg/L | | 1 | | E200.7 | 06/08/09 19:41 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/08/09 23:45 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/24/09 16:43 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/09/09 22:18 / aae |
| Nitrogen, Ammonia as N | 0.16 | mg/L | | 0.05 | | E350.1 | 05/26/09 11:58 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/26/09 13:33 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/08/09 19:41 / aae |
| Silica | 12.3 | mg/L | | 0.2 | | E200.8 | 06/08/09 16:35 / sml |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 06/08/09 19:41 / aae |
| Sulfate | 126 | mg/L | | 1 | | E300.0 | 06/08/09 23:45 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 457 | umhos/cm | | 1 | | A2510 B | 05/21/09 17:43 / dd |
| Hq | 8.10 | s.u. | | 0.01 | | A4500-H B | 05/21/09 17:43 / dd |
| Solids, Total Dissolved TDS @ 180 C | 322 | mg/L | | 10 | | A2540 C | 05/21/09 13:29 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 16:35 / sml |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/23/09 10:40 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 10:40 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 16:35 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 10:40 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 10:40 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 10:40 / ts |
| Iron | ND | mg/L | | 0,03 | | E200.8 | 06/08/09 16:35 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 10:40 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/23/09 10:40 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 10:40 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 10:40 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 10:40 / ts |
| Selenium | 0.005 | mg/L | | 0.001 | | E200.8 | 05/23/09 10:40 / ts |
| Uranium | 0.324 | mg/L | | 0.0003 | | E200.8 | 05/23/09 10:40 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 10:40 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/08/09 16:35 / sml |
| METALS - TOTAL | | | | | | | 00/00/00 40:40 4 : |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/03/09 16:10 / aae |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/29/09 04:23 / ts |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-012

Client Sample ID: MO-108

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 397 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Alpha precision (±) | 9.4 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta | 94.5 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta precision (±) | 2.9 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Radium 226 | 4.0 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 226 precision (±) | 0.42 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 228 | 2.5 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.68 | % | | | | Calculation | 06/30/09 08:50 / kbh |
| Anions | 4.82 | meq/L | | | | Calculation | 06/30/09 08:50 / kbh |
| Cations | 4.66 | meq/L | | | | Calculation | 06/30/09 08:50 / kbh |
| Solids, Total Dissolved Calculated | 306 | mg/L | | | | Calculation | 06/30/09 08:50 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | _ | | | | Calculation | 06/30/09 08:50 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-013

Client Sample ID: MO-109

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | - | | |
| Alkalinity, Total as CaCO3 | 107 | mg/L | | 1 | | A2320 B | 05/26/09 10:06 / Ijl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/26/09 10:06 / Ijl |
| Bicarbonate as HCO3 | 130 | mg/L | | 1 | | A2320 B | 05/26/09 10:06 / ljl |
| Calcium | 59 | mg/L | | 1 | | E200.7 | 06/08/09 19:47 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/09/09 00:01 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/24/09 16:49 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/09/09 22:23 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 11:59 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.19 | mg/L | | 0.05 | | E353.2 | 05/26/09 13:34 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/08/09 19:47 / aae |
| Silica | 12,6 | mg/L | | 0.2 | | E200.8 | 06/08/09 16:42 / sml |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/08/09 19:47 / aae |
| Sulfate | 126 | mg/L | | 1 | | E300.0 | 06/09/09 00:01 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 468 | umhos/cm | | 1 | | A2510 B | 05/21/09 17:45 / dd |
| pH | 8.10 | s.u. | | 0.01 | | A4500-H B | 05/21/09 17:45 / dd |
| Solids, Total Dissolved TDS @ 180 C | 335 | mg/L | | 10 | | A2540 C | 05/21/09 13:30 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 16:42 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 10:47 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 10:47 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 16:42 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 10:47 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 10:47 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 10:47 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 16:42 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 10:47 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 10:47 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 10:47 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 10:47 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 10:47 / ts |
| Selenium | 0.025 | mg/L | | 0.001 | | E200.8 | 05/23/09 10:47 / ts |
| Uranium | 0.399 | mg/L | | 0.0003 | | E200.8 | 05/23/09 10:47 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 10:47 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 06/08/09 16:42 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 02:29 / aae |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 06/05/09 02:29 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-013

Client Sample ID: MO-109

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|-------------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | _ | | | |
| Gross Alpha | 481 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Alpha precision (±) | 10.5 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta | 122 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta precision (±) | 3.2 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Radium 226 | 3.1 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 226 precision (±) | 0.36 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 228 | 3.7 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.02 | % | | | | Calculation | 06/30/09 08:51 / kbh |
| Anions | 4.95 | meq/L | | | | Calculation | 06/30/09 08:51 / kbh |
| Cations | 4.57 | meq/L | | | | Calculation | 06/30/09 08:51 / kbh |
| Solids, Total Dissolved Calculated | 310 | mg/L | | | | Calculation | 06/30/09 08:51 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | - | | | | Calculation | 06/30/09 08:51 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-014

Client Sample ID: MP-109

Report Date: 07/09/09

Collection Date: 05/20/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 344 | mg/L | | 1 | | A2320 B | 05/26/09 10:15 / ljl |
| Carbonate as CO3 | 29 | mg/L | | 1 | | A2320 B | 05/26/09 10:15 / ljl |
| Bicarbonate as HCO3 | ND | mg/L | | 1 | | A2320 B | 05/26/09 10:15 / ljl |
| Calcium | 121 | mg/L | | 1 | | E200.7 | 06/08/09 19:52 / aae |
| Chloride | 31 | mg/L | | 1 | | E300.0 | 06/02/09 03:13 / Iji |
| Fluoride | 0.4 | mg/L | | 0.1 | | A4500-F C | 05/24/09 16:53 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/09/09 22:40 / aae |
| Nitrogen, Ammonia as N | 0.61 | mg/L | | 0.05 | | E350.1 | 05/26/09 12:00 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/26/09 13:46 / eli-b |
| Potassium | 34 | mg/L | | 1 | | E200.7 | 06/08/09 19:52 / aae |
| Silica | 7.1 | mg/L | | 0.2 | | E200.8 | 06/08/09 16:49 / sml |
| Sodium | 46 | mg/L | | 1 | | E200.7 | 06/08/09 19:52 / aae |
| Sulfate | 84 | mg/L | | 1 | | E300.0 | 06/02/09 03:13 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 1550 | umhos/cm | | 1 | | A2510 B | 05/21/09 17:48 / dd |
| Н | 11.8 | s.u. | | 0.01 | | A4500-H B | 05/21/09 17:48 / dd |
| Solids, Total Dissolved TDS @ 180 C | 574 | mg/L | | 10 | | A2540 C | 05/21/09 13:30 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | 0.9 | mg/L | | 0.1 | | E200.8 | 06/08/09 16:49 / sml |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/23/09 10:53 / ts |
| Barium | 0.2 | mg/L | | 0.1 | | E200.8 | 05/23/09 10:53 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 16:49 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 10:53 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 10:53 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 10:53 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 16:49 / sml |
| Lead | 0.003 | mg/L | | 0.001 | | E200.8 | 05/23/09 10:53 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 10:53 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 10:53 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 10:53 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 10:53 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 10:53 / ts |
| Uranium | 0.0058 | mg/L | | 0.0003 | | E200.8 | 05/23/09 10:53 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 10:53 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/08/09 16:49 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.09 | | E200.7 | 06/05/09 02:34 / aae |
| Manganese | ND | mg/L | D | 0.1 | | E200.7 | 06/05/09 02:34 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-014

Client Sample ID: MP-109

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 68.9 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Alpha precision (±) | 6.4 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Alpha MDC | 4.1 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta | 51.5 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta precision (±) | 3.6 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta MDC | 4.6 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Radium 226 | 33 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 226 precision (±) | 1.2 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 228 | 3.4 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.28 | % | | | | Calculation | 06/30/09 08:51 / kbh |
| Anions | 9.53 | meq/L | | | | Calculation | 06/30/09 08:51 / kbh |
| Cations | 8.92 | meq/L | | | | Calculation | 06/30/09 08:51 / kbh |
| Solids, Total Dissolved Calculated | 533 | mg/L | | | | Calculation | 06/30/09 08:51 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | | | | | Calculation | 06/30/09 08:51 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-015

Client Sample ID: MU-109

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 94 | mg/L | | 1 | | A2320 B | 05/26/09 10:22 / ljl |
| Carbonate as CO3 | 13 | mg/L | | 1 | | A2320 B | 05/26/09 10:22 / ljl |
| Bicarbonate as HCO3 | 88 | mg/L | | 1 | | A2320 B | 05/26/09 10:22 / ljl |
| Calcium | 47 | mg/L | | 1 | | E200.7 | 06/08/09 19:57 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/02/09 03:28 / Iji |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 05/24/09 17:09 / Ijl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/09/09 22:45 / aae |
| Nitrogen, Ammonia as N | 0.10 | mg/L | | 0.05 | | E350.1 | 05/26/09 12:01 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/26/09 13:47 / eli-b |
| Potassium | 11 | mg/L | | 1 | | E200.7 | 06/08/09 19:57 / aae |
| Silica | 13.0 | mg/L | | 0.2 | | E200.8 | 06/08/09 16:55 / sml |
| | 32 | mg/L | | 1 | | E200.7 | 06/08/09 19:57 / aae |
| Sodium Sulfate | 109 | mg/L | | 1 | | E300.0 | 06/02/09 03:28 / ljl |
| PHYSICAL PROPERTIES | | | | | | 10540 B | 05/21/09 17:49 / dd |
| Conductivity | 427 | umhos/cm | | 1 | | A2510 B | 05/21/09 17:49 / dd |
| pH | 9.21 | s.u. | | 0.01 | | A4500-H B | |
| Solids, Total Dissolved TDS @ 180 C | 309 | mg/L | | 10 | | A2540 C | 05/21/09 13:31 / rp |
| METALS - DISSOLVED | | | | 0.4 | | E200.8 | 06/08/09 16:55 / sml |
| Aluminum | ND | mg/L | | 0.1 0.001 | | E200.8 | 05/23/09 11:00 / ts |
| Arsenic | 0.009 | mg/L | | | | E200.8 | 05/23/09 11:00 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 16:55 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 11:00 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 11:00 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 11:00 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/08/09 16:55 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 05/23/09 11:00 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 11:00 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 11:00 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 11:00 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | | 05/23/09 11:00 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 11:00 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 11:00 / ts |
| Uranium | 0.0128 | mg/L | | 0.0003 | | E200.8 | 05/23/09 11:00 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 16:55 / sml |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 00/00/08 10.557 81111 |
| METALS - TOTAL | | | | 0.02 | | E200.7 | 06/05/09 02:39 / aae |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 02:39 / aae |
| Manganese | ND | mg/L | D | 0.02 | | E200.1 | 00/00/00 02:00 , 400 |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-015

Client Sample ID: MU-109

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 28.5 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Alpha precision (±) | 2.7 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta | 18.9 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Radium 226 | 2.4 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 226 precision (±) | 0.34 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 228 | 3.9 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.06 | % | | | | Calculation | 06/30/09 08:51 / kbh |
| Anions | 4.34 | meq/L | | | | Calculation | 06/30/09 08:51 / kbh |
| Cations | 4.08 | meq/L | | | | Calculation | 06/30/09 08:51 / kbh |
| Solids, Total Dissolved Calculated | 281 | mg/L | | | | Calculation | 06/30/09 08:51 / kbh |
| TDS Balance (0.80 - 1.20) | 1.10 | - | | | | Calculation | 06/30/09 08:51 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-016

Client Sample ID: MP-113

Report Date: 07/09/09

Collection Date: 05/20/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 106 | mg/L | | 1 | | A2320 B | 05/26/09 10:46 / ljl |
| Carbonate as CO3 | 5 | mg/L | | 1 | | A2320 B | 05/26/09 10:46 / ljl |
| Bicarbonate as HCO3 | 119 | mg/L | | 1 | | A2320 B | 05/26/09 10:46 / IJI |
| Calcium | 66 | mg/L | | 1 | | E200.7 | 06/08/09 20:14 / aae |
| Chloride | 11 | mg/L | | 1 | | E300.0 | 06/02/09 03:44 / Ijl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 05/24/09 17:11 / ljil |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/09/09 22:51 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 12:05 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/26/09 13;48 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 06/08/09 20:14 / aae |
| Silica | 11.9 | mg/L | | 0.2 | | E200.8 | 06/08/09 17:02 / sml |
| Sodium | 37 | mg/L | | 1 | | E200.7 | 06/08/09 20:14 / aae |
| Sulfate | 148 | mg/L | | 1 | | E300.0 | 06/02/09 03:44 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 529 | umhos/cm | | 1 | | A2510 B | 05/21/09 17:51 / dd |
| pH | 8.64 | s.u. | | 0.01 | | A4500-H B | 05/21/09 17:51 / dd |
| Solids, Total Dissolved TDS @ 180 C | 370 | mg/L | | 10 | | A2540 C | 05/21/09 13:31 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 17:02 / sml |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 05/23/09 11:07 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 11:07 / ts |
| Boron | ND | mg/L | | 0,1 | | E200.8 | 06/08/09 17:02 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 11:07 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 11:07 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 11:07 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 17:02 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 11:07 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 11:07 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 11:07 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 11:07 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 11:07 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 11:07 / ts |
| Uranium | 0.138 | mg/L | | 0.0003 | | E200.8 | 05/23/09 11:07 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 11:07 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/08/09 17:02 / sm |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 02:56 / aae |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 06/05/09 02:56 / aae |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc.

Project:

Lost Creek

Lab ID:

C09050645-016

Client Sample ID: MP-113

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 1260 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Alpha precision (±) | 17.3 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta | 340 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta precision (±) | 4.8 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/13/09 03:17 / cgr |
| Radium 226 | 530 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 226 precision (±) | 4.3 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 06/08/09 14:44 / jah |
| Radium 228 | 5.0 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/03/09 10:04 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.07 | % | | | | Calculation | 06/30/09 08:52 / kbh |
| Anions | 5.54 | meq/L | | | | Calculation | 06/30/09 08:52 / kbh |
| Cations | 5.21 | meq/L | | | | Calculation | 06/30/09 08:52 / kbh |
| Solids, Total Dissolved Calculated | 350 | mg/L | | | | Calculation | 06/30/09 08:52 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | _ | | | | Calculation | 06/30/09 08:52 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-017

Client Sample ID: M-134

Report Date: 07/09/09

Collection Date: 05/20/09 DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|--------------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | <u>.</u> | | | | | |
| Alkalinity, Total as CaCO3 | 2 | mg/L | | 1 | | A2320 B | 05/26/09 10:51 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/26/09 10:51 / lji |
| Bicarbonate as HCO3 | 2 | mg/L | В | 1 | | A2320 B | 05/26/09 10:51 / ljl |
| Calcium | ND | mg/L | | 1 | | E200.7 | 06/08/09 20:37 / aae |
| Chloride | ND | mg/L | | 1 | | E300.0 | 06/02/09 03:59 / ljl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 05/24/09 17:18 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/09/09 22:56 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/26/09 12:09 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/26/09 13:42 / eli-b |
| Potassium | ND | mg/L | | 1 | | E200.7 | 06/08/09 20:37 / aae |
| Silica | ND | mg/L | | 0.2 | | E200.8 | 06/08/09 17:36 / sml |
| Sodium | ND | mg/L | | 1 | | E200.7 | 06/08/09 20:37 / aae |
| Sulfate | ND | mg/L | | 1 | | E300.0 | 06/02/09 03:59 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | ND | umhos/cm | | 1 | | A2510 B | 05/22/09 10:04 / dd |
| Hq | 4.62 | s.u. | | 0.01 | | A4500-H B | 05/22/09 10:04 / dd |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | | 10 | | A2540 C | 05/21/09 13:31 / rp |
| METALS - DISSOLVED | | | | | | | 00/00/00 47/20 () |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/08/09 17:36 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 11:14 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 11:14 / ts |
| Boron | ND | m g/L | | 0.1 | | E200.8 | 06/08/09 17:36 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/23/09 11:14 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 11:14 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 11:14 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/08/09 17:36 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 11:14 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/23/09 11:14 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 11:14 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 11:14 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/23/09 11:14 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/23/09 11:14 / ts |
| Uranium | ND | mg/L | | 0.0003 | | E200.8 | 05/23/09 11:14 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/23/09 11:14 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/08/09 17:36 / sml |
| METALS - TOTAL | | | | | | | 00/05/00 00:04 / |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 03:01 / aae |
| Manganese | ND | mg/L | D | 0.02 | | E200.7 | 06/05/09 03:01 / aae |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050645-017

Client Sample ID: M-134

Report Date: 07/09/09

Collection Date: 05/20/09

DateReceived: 05/20/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | MCL/ RL QCL | Method | Analysis Date / By |
|---------------------------|---------|-------|------------|----------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | 00/40/00 00:47 / |
| Gross Alpha | 0.4 | pCi/L | U | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Alpha MDC | 1.0 | pCi/L | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta | -1 | pCi/L | U | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta precision (±) | 1.5 | pCi/L | | | E900.0 | 06/13/09 03:17 / cgr |
| Gross Beta MDC | 2,6 | pCi/L | | | E900.0 | 06/13/09 03:17 / cgr |
| Radium 226 | -0.05 | pCi/L | U | | E903.0 | 06/08/09 16:36 / jah |
| | 0.1 | pCi/L | | | E903.0 | 06/08/09 16:36 / jah |
| Radium 226 precision (±) | 0.18 | pCi/L | | | E903.0 | 06/08/09 16:36 / jah |
| Radium 226 MDC | 0.4 | pCi/L | U | | RA-05 | 06/03/09 10:04 / plj |
| Radium 228 | 0.8 | pCi/L | | | RA-05 | 06/03/09 10:04 / plj |
| Radium 228 precision (±) | 1.3 | pCi/L | | | RA-05 | 06/03/09 10:04 / plj |
| Radium 228 MDC | 1.5 | poi/L | | | | |
| DATA QUALITY | | | | | Calculation | 06/30/09 08:53 / kbh |
| A/C Balance (± 5) | -57.3 | % | | | | 06/30/09 08:53 / kbh |
| Anions | 0.0316 | meq/L | | | Calculation | 06/30/09 08:53 / kbh |
| Cations | 0.00857 | meq/L | | | Calculation | UUA LUU,UU GUIUGIUU |

⁻ The ion balance is not appropriate for near blank results.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD I | RPDLimit | Qual |
|---|----------------------|-----------------------|-----|-------------|-----------|---------------------|-------------|----------|-------------|
| Method: A2320 B | | | | | | | | Batch | : R118567 |
| | Method Blank | | | | Run: MANT | ECH_090523A | | 05/2 | 3/09 10:56 |
| Sample ID: MBLK | Wethor Blank | mg/L | 0.2 | | | _ | | | |
| Alkalinity, Total as CaCO3 | ND | mg/L | 1 | | | | | | |
| Carbonate as CO3 | 5 | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | 3 | 111g/ # | | | | | | | |
| Sample ID: LCS1 | Laboratory Co | ntrol Sample | | | | ECH_090523A | | 05/2 | 3/09 18:07 |
| Alkalinity, Total as CaCO3 | 207 | mg/L | 5.0 | 101 | 90 | 110 | | | |
| | | | | | Duni MANT | ECH_090523A | | 05/2 | 3/09 18:14 |
| Sample ID: LCS | Laboratory Co | | - 0 | 101 | | 110 | | * | |
| Alkalinity, Total as CaCO3 | 54.8 | mg/L | 5.0 | 101 | 30 | 110 | | | |
| + 1 ID. 000050645 0024MS | Sample Matrix | c Spike | | | Run: MANT | ECH_090523A | | 05/2 | 23/09 20:57 |
| Sample ID: C09050645-002AMS | 232 | mg/L | 5.0 | 101 | | 120 | | | |
| Alkalinity, Total as CaCO3 | 202 | | | | | | | | |
| Sample ID: C09050645-002AMSD | Sample Matrix | k Spike Duplicate | | | | ECH_090523A | | | 23/09 21:04 |
| Alkalinity, Total as CaCO3 | 229 | mg/L | 5.0 | 98 | 80 | 120 | 1.5 | 20 | |
| | | | | | Dun: MAN | ECH_090523A | | 05/2 | 23/09 22:27 |
| Sample ID: C09050645-009AMS | Sample Matrix | | - 0 | 102 | | 120 | | | |
| Alkalinity, Total as CaCO3 | 221 | mg/L | 5.0 | 102 | . 00 | 120 | | | |
| - ID COORDERE COORDINED | Sample Matri | x Spike Duplicate | | | Run: MAN | TECH_090523A | | 05/2 | 23/09 22:34 |
| Sample ID: C09050645-009AMSD Alkalinity, Total as CaCO3 | 220 | mg/L | 5.0 | 101 | 80 | 120 | 0.3 | 20 | |
| Alkalinity, Total as Caccos | | | | | | | | Pate | h: R11864 |
| Method: A2320 B | | | | | | | | | |
| Sample ID: MBLK | Method Blank | (| | | Run: MAN | FECH_090526A | | 05/ | 26/09 09:10 |
| Alkalinity, Total as CaCO3 | 0.9 | mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | ND | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | 1 | mg/L | 1 | | | | | | |
| Bloarbonato de 110 o | | | | | D 1101 | TECH 000526A | | 05/ | 26/09 09:3 |
| Sample ID: LCS1 | | ontrol Sample | | 40. | | TECH_090526A 110 | | 0.57 | 20,03 00.0 |
| Alkalinity, Total as CaCO3 | 203 | mg/L | 5.0 | 101 | 90 | 110 | | | |
| | 1 - t t- m - C | entral Campla | | | Run: MAN | TECH_090526A | | 05/ | 26/09 09:3 |
| Sample ID: LCS | Laboratory C 53.6 | ontrol Sample mg/L | 5.0 | 100 | | 110 | | | |
| Alkalinity, Total as CaCO3 | 53.0 | mgrL | 0.0 | | _ | | | | |
| Sample ID: C09050645-015AMS | Sample Matr | ix Spike | | | Run: MAN | TECH_090526A | | 05/ | /26/09 10:3 |
| Alkalinity, Total as CaCO3 | 222 | mg/L | 5.0 | 10 | 2 80 | 120 | | | |
| Alkaminy, Total as Guoco | | _ | | | | TEOU 0005004 | | 05 | /26/09 10:3 |
| Sample ID: C09050645-015AMSD | Sample Matr | ix Spike Duplicate | | | | TECH_090526A | 1.8 | 20 | |
| Alkalinity, Total as CaCO3 | 218 | mg/L | 5.0 | 9 | 9 80 | 120 | 1.0 | 20 | , |



Client: **UR Energy USA Inc**

Project: Lost Creek

Report Date: 07/10/09

Work Order: C09050645

| Analyte | Result Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--|---|-----------------|------|-------------|----------------|-----------|-------------------------|------------|
| Method: A2510 B | | | | | Analytica | al Run: (| ORION555A | _090521B |
| | Initial Calibration Verification S | Standard | | | | | 05/2 | 1/09 13:19 |
| Sample ID: ICV2_090521_2 Conductivity | 1450 umhos/cm | 1.0 | 103 | 90 | 110 | | | |
| Method: A2510 B | | | | | Ва | tch: 090 |)521_2_PH-\ | N_555A-2 |
| Sample ID: MBLK1_090521_2 Conductivity | Method Blank 1 umhos/cm | 0.2 | | Run: ORIC | N555A_090521E | 3 | 05/2 | 1/09 13:15 |
| Sample ID: C09050645-005ADUP Conductivity | Sample Duplicate 454 umhos/cm | 1.0 | | Run: ORIC |)N555A_090521I | 0.2 | 05/2 ⁻ 10 | 1/09 14:35 |
| Method: A2510 B | | | | | Analytic | al Run: | ORION555A | _090521C |
| Sample ID: ICV2_090521_3 Conductivity | Initial Calibration Verification S 1450 umhos/cm | Standard 1.0 | 102 | 90 | 110 | | 05/2 | 1/09 16:59 |
| Method: A2510 B | | | | | Ва | tch: 09 | 0521_3_PH- | W_555A-2 |
| Sample ID: MBLK1_090521_3 Conductivity | Method Blank 1 umhos/cm | 0.2 | | Run: ORK | ON555A_090521 | С | 05/2 | 1/09 16:55 |
| Sample ID: C09050645-006ADUP Conductivity | Sample Duplicate 466 umhos/cm | 1.0 | | Run: ORIG | ON555A_090521 | C 0 | 05/2 10 | 1/09 17:30 |
| Sample ID: C09050645-016ADUP Conductivity | Sample Duplicate 528 umhos/cm | 1.0 | | Run: ORIG | ON555A_090521 | C 0.2 | | 1/09 17:53 |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/10/09 **Work Order:** C09050645

| Qual | RPDLimit | | -= | | | | <u></u> | | <u> </u> | | |
|-----------|----------------------|---------|----------------------------|----------------------------------|----------------------------------|------------|--------------|--|---------------------------------------|--|--|
| | | | | migh Limi | ow Limit | %REC | RL | Units | Result | | Analyte |
| | 21_1_SLD | h: 0905 | Bato | | | | | | | A2540 C | Method: |
| 09 11:19 | 05/21/ | | | _090521A | Run: BAL-1 | | _ | | Method Blank | MBLK1_090521 | Sample ID: |
| | | | | | | | 6 | mg/L | ND | Dissolved TDS @ 180 C | Solids, Total |
| 09 11:19 | 05/21 | | | _090521A | Run: BAL-1 | | | ntrol Sample | Laboratory Con | LCS1_090521 | Sample ID: |
| | | |) | 110 | 90 | 104 | 10 | mg/L | 1040 | Dissolved TDS @ 180 C | |
| 09 13:26 | 05/21 | | | _090521A | Run: BAL-1 | | | Spike | Sample Matrix | C09050645-002AMS | Sample ID: |
| | | |) | 110 | 90 | 102 | 10 | mg/L | 2460 | Dissolved TDS @ 180 C | |
| 09 13:26 | 05/21 | | | 090521A | Run: BAL-1 | | | Spike Duplicate | Comple Metrix | | |
| | 10 | 0.4 |) | 110 | 90 | 101 | 10 | mg/L | Sample Maurix | C09050645-002AMSD I Dissolved TDS @ 180 C | |
| 09 13:30 | 05/21 | | | 0005214 | Dum BAL | | | • | | | |
| 00 10.00 | 05/21 | | | 110 | Run: BAL-1 | 101 | 10 | | Sample Matrix | C09050645-012AMS | |
| | | | | | | ,,,, | 10 | mg/L | 2340 | I Dissolved TDS @ 180 C | Solids, Total |
| /09 13:30 | 05/21 10 | 0.3 | | | Run: BAL- | | | Spike Duplicate | Sample Matrix | C09050645-012AMSD | Sample ID: |
| | 10 | 0.3 | J | 11 | 90 | 101 | 10 | mg/L | 2350 | l Dissolved TDS @ 180 C | Solids, Total |
| /09 00:00 | 05/21 | | | | Run: BAL- | | | ς Spike | Sample Matrix | C09050645-017AMS | Sample ID: |
| | | | 0 | 11 | 90 | 102 | 10 | mg/L | 2040 | l Dissolved TDS @ 180 C | |
| /09 00:00 | 05/21 | | | 1_090521A | Run: BAL- | | | Spike Duplicate | Sample Matrix | C09050645-017AMSD | O-maria IDa |
| | 10 | 0.5 | 0 | 11 | 90 | 102 | 10 | mg/L | 2050 | I Dissolved TDS @ 180 C | |
| R118634 | Batch | | • | | | | . | | | A4500-F C | Method: |
| /09 13:27 | 05/24 | | 524A | TECH_090 | Run: MAN | | | | Method Blank | MRI K-1 | Sample ID: |
| | | | | | | | 0.05 | mg/L | ND | HIDEK-1 | Fluoride |
| /09 13:29 | 05/24 | | 524A | TECH_090 | Run: MAN | | | ontrol Sample | Laboratory Cor | 1.00.4 | CI- ID: |
| | | | 0 | 11 | 90 | 100 | 0.10 | mg/L | 1.00 | , LC3-1 | Sample ID: Fluoride |
| /09 16:2 | 05/2 | | 524A | TECH 090 | Run: MAN | | | v Cniko | Ola Sântrisc | | |
| | | | | 12 | 80 | 100 | 0.10 | | | : C09050645-007AMS | |
| 1/09 16:2 | 05/2 | | 524A | TECH NOC | Dun: MAN | | | | | | |
| | 10 | 0 | | | | 100 | 0.10 | | | : C09050645-007AMSD | - |
| U00 47:0 | 05/0 | | | | | ,,,, | 0.10 | mg/L | 1.21 | | Fluoride |
| #US 17.2 | 05/2 | | | | | 104 | 0.40 | | Sample Matrix | : C09050645-017AMS | Sample ID: |
| | | | .0 | 1. | 80 | 104 | 0.10 | mg/L | 1.04 | | Fluoride |
| 4/09 17:2 | | | | TECH_090 | | | | ix Spike Duplicate | Sample Matrix | : C09050645-017AMSD | Sample ID: |
| | 10 | 1.9 | 20 | 1: | 80 | 102 | 0.10 | mg/L | 1.02 | | Fluoride |
| 4 | 05/2- 10 05/2- | 0 | 524A 20 524A 524A | TECH_090 12 TECH_090 12 | Run: MAN 80 Run: MAN 80 | 100 104 | 0.10 0.10 | mg/L x Spike Duplicate mg/L ix Spike mg/L ix Spike Duplicate | 1.21 Sample Matrix 1.04 Sample Matrix | : C09050645-007AMSD : C09050645-007AMSD : C09050645-017AMS | Sample ID: Fluoride Sample ID: Fluoride Sample ID: |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/10/09

Work Order: C09050645

| nalyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD F | RPDLimit | Qual |
|------------------|----------------------|-------------------|-------------------|------------|--------------|-----------|-------------|---------------|------------|------------|
| lethod: | A4500-H B | | | | | • | Analy | tical Run: Of | RION555A_ | _090521E |
| emple ID: | ICV1_090521_2 | Initial Calibrati | on Verification | Standard | | | | | 05/21 | /09 13:17 |
| ample ID: H | 1041_090021_4 | 6.98 | s.u. | 0.010 | 102 | 98 | 102 | | | |
| | A4500-H B | | | | | | | Batch: 0905 | 21_2_PH-V | V_555A-2 |
| | C09050645-005ADUP | Sample Duplic | cate | | | Run: ORIC | N555A_0905 | 21B | 05/21 | 1/09 14:35 |
| ample ib: H | C09030043-003ADGI | 8.01 | s.u. | 0.010 | | | | 0 | 10 | |
| Method: | A4500-H B | | | | | | Analy | tical Run: O | RION555A | _0905210 |
| | IOV4 000E24 2 | Initial Calibrat | ion Verification | Standard | | | | | 05/21 | 1/09 16:57 |
| Sample ib: | ICV1_090521_3 | 6.92 | s.u. | 0.010 | 101 | 98 | 102 | | | |
| Method: | A4500-H B | | | | | | | Batch: 0905 | 521_3_PH-\ | N_555A-2 |
| | | Sample Dupli | rate | | | Run: ORIG | ON555A_0905 | 21C | 05/2 | 1/09 17:30 |
| Sample ID: pH | C09050645-006ADUP | 8.49 | s.u. | 0.010 | | | | 0.1 | 10 | |
| Sample ID: | C09050645-016ADUP | Sample Dupli | cate | | | Run: ORIG | ON555A_0905 | | | 1/09 17:5 |
| рН | | 8.63 | s.u. | 0.010 | | | | 0.1 | 10 | |
| Method: | A4500-H B | | | | | | Analy | ytical Run: C | | |
| Sample ID: | ICV1_090522_1 | Initial Calibra | tion Verificatior | n Standard | | | 400 | | 05/2 | 2/09 09:5 |
| рΗ | _ | 6.83 | s.u. | 0.010 | 100 | 98 | 102 | | | |
| Method: | A4500-H B | | | | | | | Batch: 090 | | |
| Sample ID: | C09050668-003ADUP | Sample Dupl | icate | | | Run: ORI | ON555A_0905 | | 05/2 10 | 2/09 10:2 |
| рH | | 8.63 | s.u. | 0.010 | | | | 0 | | |
| Method: | E200.7 | | · | | | | | | | atch: 2249 |
| Sample ID: | C09050773-001AMS3 | Sample Matr | ix Spike | | | _ | 2-C_090604A | | 06/0 | 5/09 04:3 |
| Iron | | 7.45 | mg/L | 0.33 | 100 | 70 | 130 | | | |
| Sample ID: | C09050773-001AMSD3 | Sample Matr | ix Spike Duplic | ate | | Run: ICP: | 2-C_090604A | | | 05/09 04:3 |
| Iron | | 7.30 | mg/L | 0.33 | 94 | 70 | 130 | 2 | 20 | |
| Sample ID | : MB-22492 | Method Blan | k | | | Run: ICP | 3-C_090603A | | 06/0 | 03/09 15:1 |
| Iron | | 0.02 | mg/L | 0.02 | | | | | | |
| Sample ID | : LCS3-22492 | Laboratory C | Control Sample | | | Run: ICP | 3-C_090603A | | 06/0 | 03/09 15: |
| Iron | | 2.47 | mg/L | 0.030 | 91 | 3 85 | 115 | | | |
| Sample ID | : C09050773-001AMS3 | Sample Mat | rix Spike | | | Run: ICP | 3-C_090603A | | 06/ | 03/09 17: |
| Iron | | 7.11 | mg/L | 0.030 |) 91 | 6 70 |) 130 | ı | | |
| Cample ID | : C09050773-001AMSD3 | Sample Mat | rix Spike Dupli | cate | | Run: ICF | 3-C_090603A | | | 03/09 17: |
| Iron | , C08000113-081AMOD0 | 6.49 | mg/L | 0.030 |) 7 | 1 70 |) 130 | 9.1 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/10/09 Work Order: C09050645

RPD RPDLimit Qual RL %REC Low Limit High Limit Units Result Analyte Batch: R119133 E200.7 Method: 06/05/09 00:04 Run: ICP3-C_090604A Method Blank Sample ID: MB-22410 0.01 ND mg/L Iron 0.003 ND mg/L Manganese 06/05/09 01:22 Run: ICP3-C_090604A Sample Matrix Spike Sample ID: C09050645-002CMS 130 0.030 84 70 0.427 mg/L Iron 70 130 84 0.021 0.427 mg/L Manganese 06/05/09 01:27 Run: ICP3-C_090604A Sample Matrix Spike Duplicate Sample ID: C09050645-002CMSD 12 20 130 0.030 94 70 mg/L 0.481 12 20 95 70 130 0.021 0.483 mg/L Manganese 06/05/09 02:45 Run: ICP3-C_090604A Sample Matrix Spike Sample ID: C09050645-015CMS S 70 130 0.030 ND mg/L S 70 130 0.021 ND mg/L Manganese 06/05/09 02:50 Run: ICP3-C_090604A Sample Matrix Spike Duplicate Sample ID: C09050645-015CMSD 20 S 130 70 0.030 mg/L ND Iron 20 S 130 70 0.021 ND mg/L Manganese Run: ICP3-C_090604A 06/04/09 14:05 Laboratory Fortified Blank Sample ID: LFB 115 85 105 0.030 mg/L 5.2 Iron 115 85 0.010 101 5.0 mg/L

Manganese



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/10/09 Work Order: C09050645

| nalyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD R | PDLimit | Qual |
|------------------------------|---------------|--------------------|------|------|------------|-------------|-------|-------------|-----------|
| lethod: E200.7 | | | | • | | | - | Batch: | R119283 |
| ample ID: C09050696-002AMS | Sample Matrix | c Spike | | | Run: ICP3- | C_090608B | | 06/08 | /09 17:12 |
| Calcium | 310 | mg/L | 1.0 | | 70 | 130 | | | Α |
| otassium | 125 | mg/L | 1.0 | 127 | 70 | 130 | | | |
| Sodium | 694 | mg/L | 1.0 | | 70 | 130 | | | Α |
| Sample ID: C09050696-002AMSD | Sample Matrix | x Spike Duplicate | | | Run: ICP3- | -C_090608B | | 06/08 | /09 17:18 |
| Calcium | 306 | mg/L | 1.0 | | 70 | 130 | 1.2 | 20 | Α |
| Potassium | 120 | mg/L | 1.0 | 118 | 70 | 130 | 3.8 | 20 | |
| Sodium | 707 | mg/L | 1.0 | | 70 | 130 | 2 | 20 | Α |
| Sample ID: MB-22453 | Method Blank | | | | Run: ICP3 | -C_090608B | | 06/08 | 3/09 17:2 |
| Calcium | 0.6 | mg/L | 0.2 | | | | | | |
| Potassium | 0.7 | mg/L | 0.03 | | | | | | |
| Sodium | 2 | mg/L | 0.1 | | | | | | |
| Sample ID: C09050645-005BMS | Sample Matri | x Spike | | | Run: ICP3 | -C_090608B | | 06/08 | 3/09 18:3 |
| Calcium | 109 | mg/L | 1.0 | 107 | 70 | 130 | | | |
| Potassium | 55.3 | mg/L | 1.0 | 104 | 70 | 130 | | | |
| Sodium | 83.0 | mg/L | 1.0 | 105 | 70 | 130 | | | |
| Sample ID: C09050645-005BMSD | Sample Matri | x Spike Duplicate | | | Run: ICP3 | -C_090608B | | 06/08 | 3/09 18:4 |
| Calcium | 106 | mg/L | 1.0 | 103 | 70 | 130 | 2 | 20 | |
| Potassium | 53.3 | mg/L | 1.0 | 101 | 70 | 130 | 3.6 | 20 | |
| Sodium | 80.5 | mg/L | 1.0 | 100 | 70 | 130 | 3 | 20 | |
| Sample ID: C09050645-015BMS | Sample Matri | ix Spike | | | Run: ICP3 | -C_090608B | | 06/08 | 8/09 20:0 |
| Calcium | 96.1 | mg/L | 1.0 | 96 | 70 | 130 | | | |
| Potassium | 58.4 | mg/L | 1.0 | 93 | | 130 | | | |
| Sodium | 80.7 | mg/L | 1.0 | 95 | 70 | 130 | | | |
| Sample ID: C09050645-015BMSD | Sample Matr | ix Spike Duplicate | | | Run: ICP3 | 3-C_090608B | | | 8/09 20: |
| Calcium | 109 | mg/L | 1.0 | 120 |) 70 | 130 | 12 | 20 | |
| Potassium | 70.0 | mg/L | 1.0 | 116 | 70 | 130 | 18 | 20 | |
| Sodium | 92.9 | mg/L | 1.0 | 119 | 70 | 130 | 14 | 20 | |
| Sample ID: LFB | Laboratory F | ortified Blank | | | Run: ICP3 | 3-C_090608B | | 06/0 | 8/09 16: |
| Calcium | 57.6 | mg/L | 0.50 | 115 | | | | | |
| Potassium | 56.9 | mg/L | 0.50 | 114 | 4 85 | 115 | | | |
| Sodium | 57.2 | mg/L | 0.50 | 114 | 4 85 | 115 | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated. MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/10/09

Work Order: C09050645

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD RF | DLimit Qual |
|------------------------------|---|--------------------|--------------|----------|------------|--------------------|--------|----------------|
| Method: E200.7 | | | | | | | | Batch: R119344 |
| | Ba-u- ad Disade | | | | Run: ICP3- | C_090609A | | 06/09/09 14:33 |
| Sample ID: LRB | Method Blank | | 0.2 | | runi ioi o | | | |
| Magnesium | 0.3 | mg/L | 0.2 | | | | | |
| Sample ID: LFB | Laboratory Fo | rtified Blank | | | Run: ICP3- | C_090609A | | 06/09/09 14:39 |
| Magnesium | 55.0 | mg/L | 0.50 | 110 | 85 | 115 | | |
| Magnosium | | - | | | - 1000 | 0.0000004 | | 06/09/09 17:25 |
| Sample ID: MB-22468 | Method Blank | | | | Run: ICP3- | C_090609A | | 00/09/09 17:25 |
| Magnesium | ND | mg/L | 0.2 | | | | | |
| - | | Outles | | | Run ICP3 | C_090609A | | 06/09/09 21:01 |
| Sample ID: C09050645-003BMS | Sample Matrix | | 1.0 | 86 | 70 | 130 | | |
| Magnesium | 45.8 | mg/L | 1.0 | 00 | , , | ,,,, | | |
| Sample ID: C09050645-003BMSD | Sample Matrix | Spike Duplicate | | | Run: ICP3 | -C_090609A | | 06/09/09 21:07 |
| Magnesium | 37.5 | mg/L | 1.0 | 69 | 70 | 130 | 20 | 20 S |
| Magnesium | • | | | | | | | 00100/00 20:20 |
| Sample ID: C09050645-013BMS | Sample Matrix | k Spike | | | | -C_090609A | | 06/09/09 22:29 |
| Magnesium | 39.2 | mg/L | 1.0 | 71 | 70 | 130 | | |
| | 0 1. 14-4-5 | . Cailes Duplicato | | | Run: ICP3 | -C_090609A | | 06/09/09 22:34 |
| Sample ID: C09050645-013BMSD | • | x Spike Duplicate | 1.0 | 86 | | 130 | 17 | 20 |
| Magnesium | 46.6 | mg/L | 1.0 | | | | | |
| Method: E200.7 | | | | | | | | Batch: R120007 |
| Sample ID: LRB | Method Blank | ζ. | | | Run: ICP3 | -C_090623A | | 06/23/09 14:43 |
| Calcium | ND | mg/L | 0.2 | | | | | |
| Magnesium | ND | mg/L | 0.2 | | | | | |
| Potassium | ND | mg/L | 0.03 | | | | | |
| Sodium | ND | mg/L | 0.1 | | | | | |
| | | | | | D IOD3 | C 0006334 | | 06/23/09 14:4 |
| Sample ID: LFB | Laboratory Fo | | 0.50 | 00 | | I-C_090623A 115 | | 00/20/00 11.1 |
| Calcium | 49.5 | mg/L | 0.50 | 99 99 | | 115 | | |
| Magnesium | 49.6 | mg/L | 0.50 0.50 | 102 | | 115 | | |
| Potassium | 50.8 | mg/L | 0.50 | 98 | | 115 | | |
| Sodium | 48.8 | mg/L | 0.50 | 90 | , 00 | 110 | | |
| Sample ID: C09050645-001BMS | Sample Matr | ix Spike | | | Run: ICP3 | 3-C_090623A | | 06/23/09 15:2 |
| Calcium | 129 | mg/L | 1.0 | 87 | 7 70 | 130 | | |
| Magnesium | 49.7 | mg/L | 1.0 | 89 | 70 | 130 | | |
| Potassium | 55.3 | mg/L | 1.0 | 104 | 70 | | | |
| Sodium | 95.3 | mg/L | 1.0 | 106 | 3 70 | 130 | | |
| | | | | | Run: ICP | 3-C_090623A | | 06/23/09 15:3 |
| Sample ID: C09050645-001BMSD | ** | ix Spike Duplicate | 4.0 | 84 | | | 1.2 | 20 |
| Calcium | 128 | mg/L | 1.0 1.0 | | | | 0.4 | 20 |
| Magnesium | 49.5 | mg/L | 1.0 | | | | 1 | 20 |
| Potassium | 55.9 | mg/L | 1.0 | | | | 11 | 20 |
| Sodium | 85.0 | mg/L | 1.0 | 0: | , , , | 100 | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602 Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/10/09

Work Order: C09050645

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--|-----------------------|-------------------------|--------|-------------|-----------------|----------------------|-----|-------------|------------|
| Method: E200.8 | | | | · · · · · · | | | | Bat | ch: 22492 |
| Sample ID: MB-22492 Manganese | Method Blank ND | mg/L | 0.0001 | | Run: ICPM | S2-C_090528A | | 05/29 | /09 02:49 |
| Sample ID: LCS3-22492 Manganese | Laboratory Co 2.44 | ntrol Sample mg/L | 0.010 | 98 | Run: ICPM 85 | IS2-C_090528A 115 | | 05/29 | 0/09 02:56 |
| Sample ID: C09050773-001AMS3 Manganese | Sample Matrix 2.79 | Spike mg/L | 0.010 | 99 | Run: ICPM 70 | IS2-C_090528A 130 | | 05/29 |)/09 07:13 |
| Sample ID: C09050773-001AMSD3 Manganese | Sample Matrix 2.77 | Spike Duplicate mg/L | 0.010 | 98 | | 1S2-C_090528A 130 | 0.8 | 05/29 20 | 9/09 07:20 |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/10/09

Work Order: C09050645

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD RPDLimit | Qual |
|------------------------------|---------------|---------------|---------|------|-----------|---------------|--------------|-----------|
| Method: E200.8 | | | | | | | Batch | : R11856 |
| Sample ID: LRB | Method Blank | | | | Run: ICPM | S2-C_090522B | 05/2 | 2/09 12:3 |
| Arsenic | ND | mg/L | 0.0003 | | | | | |
| Barium | ND | mg/L | 3E-05 | | | | | |
| Cadmium | ND | mg/L | 6E-05 | | | | | |
| Chromium | ND | mg/L | 8E-05 | | | | | |
| Copper | ND | mg/L | 4E-05 | | | | | |
| Lead | ND | mg/L | 2E-05 | | | | | |
| Manganese | ND | mg/L | 5E-05 | | | | | |
| Mercury | 5E-05 | mg/L | 4E-05 | | | | | |
| Molybdenum | ND | mg/L | 4E-05 | | | | | |
| Nickel | ND | mg/L | 9E-05 | | | | | |
| Selenium | ND | mg/L | 0.001 | | | | | |
| Uranium | ND | mg/L | 8E-06 | | | | | |
| Vanadium | ND | mg/L | 9E-05 | | | | | |
| Variacium | ,,,_ | | | | | | | |
| Sample ID: LFB | Laboratory Fo | rtified Blank | | | | IS2-C_090522B | 05/2 | 2/09 12:4 |
| Arsenic | 0.0500 | mg/L | 0.0010 | 100 | 85 | 115 | | |
| Barium | 0.0483 | mg/L | 0.0010 | 97 | 85 | 115 | | |
| Cadmium | 0.0494 | mg/L | 0.0010 | 99 | 85 | 115 | | |
| Chromium | 0.0488 | mg/L | 0.0010 | 98 | 85 | 115 | | |
| Copper | 0.0510 | mg/L | 0.0010 | 102 | 85 | 115 | | |
| Lead | 0.0493 | mg/L | 0.0010 | 99 | . 85 | 115 | | |
| Manganese | 0.0484 | mg/L | 0.0010 | 97 | 85 | 115 | | |
| Mercury | 0.00496 | mg/L | 0.0010 | 98 | 85 | 115 | | |
| Molybdenum | 0.0498 | mg/L | 0.0010 | 100 | 85 | 115 | | |
| Nickel | 0.0506 | mg/L | 0.0010 | 101 | 85 | 115 | | |
| Selenium | 0.0498 | mg/L | 0.0014 | 100 | 85 | 115 | | |
| Uranium | 0.0483 | mg/L | 0.00030 | 97 | 85 | 115 | | |
| Vanadium | 0.0483 | mg/L | 0.0010 | 97 | 85 | 115 | | |
| Sample ID: C09050645-001BMS4 | Sample Matrix | Spike | | | Run: ICPN | 1S2-C_090522B | 05/2 | 3/09 06: |
| Arsenic | 0.0513 | mg/L | 0.0010 | 101 | 70 | 130 | | |
| Barium | 0.0678 | mg/L | 0.0010 | 96 | 70 | 130 | | |
| Cadmium | 0.0490 | mg/L | 0.010 | 98 | 70 | 130 | | |
| Chromium | 0.0461 | mg/L | 0.0010 | 92 | | 130 | | |
| Copper | 0.0466 | mg/L | 0.010 | 93 | 70 | 130 | | |
| Lead | 0.0490 | mg/L | 0.0010 | 98 | 70 | 130 | | |
| Manganese | 0.0471 | mg/L | 0.010 | 92 | 70 | 130 | | |
| Mercury | 0.00489 | mg/L | 0.0010 | 98 | 70 | 130 | | |
| Molybdenum | 0.0503 | mg/L | 0.0010 | 99 | | 130 | | |
| Nickel | 0.0489 | mg/L | 0.0010 | 96 | 70 | 130 | | |
| Selenium | 0.0970 | mg/L | 0.0010 | 103 | 70 | 130 | | |
| Uranium | 0.974 | mg/L | 0.00030 | | 70 | 130 | | Α |
| Vanadium | 0.0475 | mg/L | 0.0010 | 94 | 70 | 130 | | |
| Sample ID: C09050645-010BMS4 | Sample Matri | x Spike | | | Run: ICPI | MS2-C_090522B | 05/2 | 23/09 08: |
| Arsenic C09050645-0105W54 | 0.0522 | mg/L | 0.0010 | 99 | | | | |

Qualifiers:

RL - Analyte reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/10/09
Work Order: C09050645

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------|---------------|---------------|---------|------|-----------|---------------|-----|----------|-----------|
| Method: E200.8 | | | | | | | | Batch: | R11856 |
| Sample ID: C09050645-010BMS4 | Sample Matrix | Spike | | | Run: ICPM | S2-C_090522B | | 05/23 | 3/09 08:4 |
| Barium | 0.0781 | mg/L | 0.0010 | 94 | 70 | 130 | | | |
| Cadmium | 0.0475 | mg/L | 0.010 | 95 | 70 | 130 | | | |
| Chromium | 0.0459 | mg/L | 0.0010 | 92 | 70 | 130 | | | |
| Copper | 0.0447 | mg/L | 0.010 | 89 | 70 | 130 | | | |
| ead | 0.0483 | mg/L | 0.0010 | 96 | 70 | 130 | | | |
| /Janganese | 0.0522 | mg/L | 0.010 | 92 | 70 | 130 | | | |
| Mercury | 0.00479 | mg/L | 0.0010 | 96 | 70 | 130 | | | |
| Molybdenum | 0.0494 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| lickel | 0.0472 | mg/L | 0.0010 | 94 | 70 | 130 | | | |
| Selenium | 0.0487 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Jranium | 0.0623 | mg/L | 0.00030 | 94 | 70 | 130 | | | |
| /anadium | 0.0468 | mg/L | 0.0010 | 94 | 70 | 130 | | | |
| sample ID: C09050645-010BMSD4 | Sample Matrix | c Spike Dupli | cate | | Run: ICPM | IS2-C_090522B | | 05/2 | 3/09 08: |
| · | 0.0525 | mg/L | 0.0010 | 99 | 70 | 130 | 0.6 | 20 | |
| Arsenic | 0.0781 | mg/L | 0.0010 | 94 | 70 | 130 | 0.1 | 20 | |
| Barium Santunium | 0.0483 | mg/L | 0.010 | 97 | 70 | 130 | 1.5 | 20 | |
| Cadmium | 0.0455 | mg/L | 0.0010 | 91 | 70 | 130 | 0.9 | 20 | |
| Chromium | 0.0451 | mg/L | 0.010 | 90 | 70 | 130 | 0.9 | 20 | |
| Copper | 0.0486 | mg/L | 0.0010 | 97 | 70 | 130 | 0.6 | 20 | |
| _ead | 0.0516 | mg/L | 0.010 | 91 | 70 | 130 | 1,1 | 20 | |
| Manganese | 0.00481 | mg/L | 0.0010 | 96 | 70 | 130 | 0.4 | 20 | |
| Mercury | 0.00481 | mg/L | 0.0010 | 97 | 70 | 130 | 0.3 | 20 | |
| Molybdenum | 0.0477 | mg/L | 0.0010 | 95 | | 130 | 1.1 | 20 | |
| Nickel | 0.0477 | mg/L | 0.0010 | 99 | | 130 | 1.7 | 20 | |
| Selenium | 0.0493 | mg/L | 0.00030 | 95 | | 130 | 0.6 | 20 | |
| Jranium (a.a.a.di.usa | 0.0027 | mg/L | 0.0010 | 94 | | 130 | 0 | 20 | |
| √anadium | 0.0400 | mg/L | 0.5510 | • | | | | 0510 | 2/09 14: |
| Sample ID: C09050628-001BMS | Sample Matri | | | | | AS2-C_090522B | | 05/2 | 2/09 14. |
| Arsenic | 0.512 | mg/L | 0.0083 | 102 | | 130 | | | |
| Barium | 2.60 | mg/L | 0.10 | 478 | | 130 | | | S |
| Cadmium | 0.483 | mg/L | 0.010 | 97 | | 130 | | | |
| Chromium | 0.488 | mg/L | 0.050 | 97 | | 130 | | | ٨ |
| Copper | 40.6 | mg/L | 0.010 | | 70 | 130 | | | Α |
| _ead | 0.505 | mg/L | 0.050 | 101 | | 130 | | | |
| Manganese | 0.574 | mg/L | 0.010 | | | 130 | | | s |
| Mercury | 0.0485 | mg/L | 0.0010 | | | 130 | | | 3 |
| Molybdenum | 0.495 | mg/L | 0.10 | | | | | | |
| Nickel | 0.526 | mg/L | 0.050 | | | | | | |
| Selenium | 0.532 | mg/L | 0.0082 | | | | | | |
| Uranium | 0.532 | mg/L | 0.00058 | | | | | | |
| Vanadium | 0.516 | mg/L | 0.10 | 102 | 2 70 | 130 | | | |
| Sample ID: C09050628-001BMSD | Sample Matr | ix Spike Dup | licate | | | MS2-C_090522B | | | 22/09 14 |
| Arsenic | 0.504 | mg/L | 0.0083 | 101 | | | 1.5 | | _ |
| Barium | 2.60 | mg/L | 0.10 | 479 | 70 | 130 | 0.2 | 20 | S |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 07/10/09

Project: Lost Creek

Work Order: C09050645

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|-----------------|---------|------|-----------|--------------|-----|----------|------------|
| Method: E200.8 | | | | | | | | Batch: | R118566 |
| Sample ID: C09050628-001BMSD | Sample Matrix | x Spike Duplica | ite | | Run: ICPM | S2-C_090522B | | 05/22 | 2/09 14:43 |
| Cadmium | 0.483 | mg/L | 0.010 | 97 | 70 | 130 | 0.1 | 20 | |
| Chromium | 0.485 | mg/L | 0.050 | 96 | 70 | 130 | 0.6 | 20 | |
| Copper | 40.5 | mg/L | 0.010 | | 70 | 130 | 0.3 | 20 | Α |
| Lead | 0.507 | mg/L | 0.050 | 101 | 70 | 130 | 0.4 | 20 | |
| Manganese | 0.574 | mg/L | 0.010 | 113 | 70 | 130 | 0.1 | 20 | |
| Mercury | 0.0489 | mg/L | 0.0010 | 10 | 70 | 130 | 0.8 | 20 | S |
| Molybdenum | 0.499 | mg/L | 0.10 | 100 | 70 | 130 | 0.9 | 20 | |
| Nickel | 0.523 | mg/L | 0.050 | 103 | 70 | 130 | 0.6 | 20 | |
| Selenium | 0.524 | mg/L | 0.0082 | 104 | 70 | 130 | 1.6 | 20 | |
| Uranium | 0.533 | mg/L | 0.00058 | 106 | 70 | 130 | 0.1 | 20 | |
| Vanadium | 0.517 | mg/L | 0.10 | 102 | 70 | 130 | 0 | 20 | |

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc.

Project: Lost Creek

Report Date: 07/10/09 **Work Order:** C09050645

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|--------------------|----------------|----------------|--------|------|-----------|---------------|-----|----------|-----------|
| Method: | E200.8 | | | | | | | · | Batch: | R119275 |
| Sample ID: | LRB | Method Blank | | | | Run: ICPM | S4-C_090608A | | 06/08 | /09 11:56 |
| Aluminum | | ND | mg/L | 0.0004 | | | | | | |
| Boron | | ND | mg/L | 0.0004 | | | | | | |
| Iron | | ND | mg/L | 0.0006 | | | | | | |
| Silicon | | ND | mg/L | 0.0003 | | | | | | |
| Zinc | | ND | mg/L | 0.0002 | | | | | | |
| Sample ID: | LFB | Laboratory For | tified Blank | | | Run: ICPM | S4-C_090608A | | 06/08 | /09 12:30 |
| Aluminum | | 0.0515 | mg/L | 0.0010 | 103 | 85 | 115 | | | |
| Boron | | 0.0546 | mg/L | 0.0010 | 109 | 85 | 115 | | | |
| Iron | | 1.28 | mg/L | 0.0010 | 103 | 85 | 115 | | | |
| Silicon | | 0.548 | mg/L | 0.0010 | 110 | 85 | 115 | | | |
| Zinc | | 0.0543 | mg/L | 0.0010 | 108 | 85 | 115 | | | |
| Sample ID: | C09050645-010BMS4 | Sample Matrix | Spike | | | Run: ICPM | S4-C_090608A | | 06/08 | /09 16:08 |
| Aluminum | | 0.0550 | mg/L | 0.0010 | 98 | 70 | 130 | | | |
| Boron | | 0.0761 | mg/L | 0.0010 | 100 | 70 | 130 | | | |
| Iron | | 1.27 | mg/L | 0.030 | 101 | 70 | 130 | | | |
| Silicon | | 6.91 | mg/L | 0.0010 | | 70 | 130 | | | Α |
| Zinc | | 0.0674 | mg/L | 0.010 | 105 | 70 | 130 | | | |
| Sample ID: | C09050645-010BMSD4 | Sample Matrix | Spike Duplicat | е | | Run: ICPM | S4-C_090608A | | 06/08 | /09 16:19 |
| Aluminum | | 0.0534 | mg/L | 0.0010 | 95 | 70 | 130 | 3 | 20 | |
| Boron | | 0.0753 | mg/L | 0.0010 | 98 | 70 | 130 | 1.1 | 20 | |
| Iron | | 1.26 | mg/L | 0.030 | 101 | 70 | 130 | 0.2 | 20 | |
| Silicon | | 6.87 | mg/L | 0.0010 | | 70 | 130 | 0.6 | 20 | Α |
| Zinc | | 0.0673 | mg/L | 0.010 | 105 | 70 | 130 | 0.2 | 20 | |
| Sample ID: | C09050645-017BMS4 | Sample Matrix | Spike | | | Run: ICPM | S4-C_090608A | | 06/08 | /09 17:43 |
| Aluminum | | 0.0496 | mg/L | 0.10 | 98 | 70 | 130 | | | |
| Boron | | 0.0596 | mg/L | 0.10 | 102 | 70 | 130 | | | |
| Iron | | 1.29 | mg/L | 0.030 | 103 | 70 | 130 | | | |
| Silicon | | 0.513 | mg/L | 0.10 | 50 | 70 | 130 | | | S |
| Zinc | | 0.0615 | mg/L | 0.010 | 106 | 70 | 130 | | | |
| Sample ID: | C09050645-017BMSD4 | Sample Matrix | Spike Duplicat | e | | Run: ICPN | IS4-C_090608A | | | /09 17:5 |
| Aluminum | | 0.0494 | mg/L | 0.10 | 98 | 70 | 130 | | 20 | |
| Boron | | 0.0591 | mg/L | 0.10 | 101 | 70 | 130 | | 20 | |
| Iron | | 1.29 | mg/L | 0.030 | 103 | 70 | 130 | 0 | 20 | |
| Silicon | | 0.507 | mg/L | 0.10 | 49 | 70 | 130 | 1.2 | 20 | S |
| Zinc | | 0.0615 | mg/L | 0.010 | 106 | 70 | 130 | 0 | 20 | |
| Sample ID: | LFB | Laboratory Fo | rtified Blank | | | | IS4-C_090608A | | 06/08 | /09 19:1 |
| Aluminum | | 0.0506 | mg/L | 0.0010 | 101 | 85 | 115 | | | |
| Boron | | 0.0515 | mg/L | 0.0010 | 103 | 85 | 115 | | | |
| Iron | | 1.31 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Silicon | | 0.557 | mg/L | 0.0010 | 111 | 85 | 115 | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/10/09

Work Order: C09050645

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------|-------------------|---------------|------------------|--------|--------------------|-----------------------|------------|------|------------|------------|
| Method: E | 200.8 | | | | | | | - | Batch | : R119275 |
| Sample ID: 1 | I FR | Laboratory Fo | rtified Blank | | | Run: ICPMS4-C_090608A | | | 06/0 | 8/09 19:19 |
| Zinc | Li D | 0.0587 | mg/L | 0.0010 | 117 | 85 | 115 | | | s |
| Silica | | 1.19 | mg/L | 0.0021 | 112 | 85 | 115 | | | |
| Method: E | 300.0 | | | | <u>-</u> | | | | Batch | : R119052 |
| Sample ID: I | ı CS | Laboratory Co | ontrol Sample | | | Run: IC1-C | _090601A | | 06/0 | 1/09 17:27 |
| Chloride | 200 | 9.63 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sulfate | | 38.9 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sample ID: | MBLK | Method Blank | | | | Run: IC1-C | _090601A | | 06/0 | 1/09 17:43 |
| Chloride | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: | C09050645-001AMS | Sample Matri | x Spike | | Run: IC1-C_090601A | | | 06/0 | 1/09 22:20 | |
| Chloride | | 29.0 | mg/L | 1.0 | 102 | 90 | 110 | | | |
| Sulfate | | 255 | mg/L | 1.0 | 92 | 90 | 110 | | | |
| Sample ID: | C09050645-001AMSD | Sample Matri | x Spike Duplicat | е | | Run: IC1-C | _090601A | | 06/0 | 1/09 22:3 |
| Chloride | | 28.6 | mg/L | 1.0 | 100 | 90 | 110 | 1.2 | 20 | |
| Sulfate | | 254 | mg/L | 1.0 | 90 | 90 | 110 | 0.4 | 20 | |
| Sample ID: | C09050645-010AMS | Sample Matri | x Spike | | | Run: IC1-C | C_090601A | | 06/0 | 2/09 01:5 |
| Chloride | | 23.2 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sulfate | | 198 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Sample ID: | C09050645-010AMSD | Sample Matri | x Spike Duplicat | e | | Run: IC1-C | C_090601A | | 06/0 | 2/09 02:1 |
| Chloride | | 23.7 | mg/L | 1.0 | 98 | 90 | 110 | 2.1 | 20 | |
| Sulfate | | 199 | mg/L | 1.0 | 100 | 90 | 110 | 0.8 | 20 | |
| Sample ID: | C09050666-002AMS | Sample Matri | x Spike | | | Run: IC1-C | C_090601A | | 06/0 | 2/09 05:3 |
| Chloride | | 89.3 | mg/L | 1.0 | 101 | | 110 | | | |
| Sulfate | | 393 | mg/L | 1.0 | 99 | 90 | 110 | | | |
| Sample ID: | C09050666-002AMSD | Sample Matri | x Spike Duplicat | е | | | C_090601A | | | 2/09 05:4 |
| Chloride | | 88.9 | mg/L | 1.0 | 100 | 90 | 110 | 0.5 | 20 | |
| Sulfate | | 396 | mg/L | 1.0 | 101 | 90 | 110 | 0.7 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/10/09 **Work Order:** C09050645

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|-------------------|-------|------|------------|------------|-----|----------|------------|
| Method: E300.0 | | | | | | - | | Batch | R119417 |
| Sample ID: LCS | Laboratory Co | ntrol Sample | | | Run: IC1-C | _090608A | | 06/08 | 3/09 19:23 |
| Chloride | 9.51 | mg/L | 1.0 | 95 | 90 | 110 | | | |
| Sulfate | 38.6 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sample ID: MBLK | Method Blank | | | | Run: IC1-C | C_090608A | | 06/08 | 3/09 19:39 |
| Chloride | ND | mg/L | 0.04 | | | | | | |
| Sulfate | ND | mg/L | 0.1 | | | | | | |
| Sample ID: C09050591-008AMS | Sample Matrix | (Spike | | | Run: IC1-C | C_090608A | | 06/08 | 3/09 21:11 |
| Chloride | 105 | mg/L | 1.0 | 105 | 90 | 110 | | | |
| Sulfate | 1190 | mg/L | 1.0 | | 90 | 110 | | | Α |
| Sample ID: C09050591-008AMSD | Sample Matrix | Spike Duplicate | | | Run: IC1-0 | C_090608A | | 06/08 | 3/09 21:27 |
| Chloride | 104 | mg/L | 1.0 | 103 | 90 | 110 | 0.8 | 20 | |
| Sulfate | 1190 | mg/L | 1.0 | | 90 | 110 | 0.1 | 20 | Α |
| Sample ID: C09050680-011AMS | Sample Matrix | x Spike | | | Run: IC1-C | C_090608A | | 06/0 | 9/09 00:32 |
| Chloride | 332 | mg/L | 1.0 | | 90 | 110 | | | Α |
| Sulfate | 822 | mg/L | 1.0 | 83 | 90 | 110 | | | S |
| Sample ID: C09050680-011AMSD | Sample Matrix | x Spike Duplicate | | | Run: IC1-0 | C_090608A | | 06/0 | 9/09 00:47 |
| Chloride | 332 | mg/L | 1.0 | | 90 | 110 | 0 | 20 | Α |
| Sulfate | 821 | mg/L | 1.0 | 82 | 90 | 110 | 0.1 | 20 | S |
| Method: E350.1 | | | | _ | | | | Batch: B | _R129945 |
| Sample ID: MBLK | Method Blank | . | | | Run: SUB | -B129945 | | 05/2 | 6/09 08:03 |
| Nitrogen, Ammonia as N | ND | mg/L | 0.02 | | | | | | |
| Sample ID: LFB | Laboratory Fo | ortified Blank | | | Run: SUB | -B129945 | | 05/2 | 6/09 08:05 |
| Nitrogen, Ammonia as N | 1.08 | mg/L | 0.10 | 109 | 90 | 110 | | | |
| Sample ID: B09052024-001EMS | Sample Matri | x Spike | | | Run: SUB | -B129945 | | 05/2 | 6/09 11:39 |
| Nitrogen, Ammonia as N | 0.818 | mg/L | 0.050 | 82 | 90 | 110 | | | S |
| Sample ID: B09052024-001EMSD | Sample Matri | x Spike Duplicate | | | Run: SUB | -B129945 | | 05/2 | 6/09 11:40 |
| Nitrogen, Ammonia as N | 0.835 | mg/L | 0.050 | 84 | 90 | 110 | 2.1 | 10 | S |
| Sample ID: C09050645-008E | Sample Matri | x Spike | | | Run: SUB | | | 05/2 | 6/09 11:52 |
| Nitrogen, Ammonia as N | 1.16 | mg/L | 0.050 | 77 | 90 | 110 | | | S |
| Sample ID: C09050645-008E | Sample Matri | x Spike Duplicate | | | Run: SUB | | | | 6/09 11:53 |
| Nitrogen, Ammonia as N | 1.14 | mg/L | 0.050 | 75 | 90 | 110 | 1.3 | 10 | S |
| | | | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/10/09 **Work Order:** C09050645

| | | | | | | | | RPDLimit | Qual |
|--------------------------------|---------------|-------------------|-------|------|-----------|----------------|-------|----------|-------------|
| Analyte | Result | Units | RL | %REC | LOW LIMIT | High Limit | - KPU | | <u> </u> |
| Method: E353.2 | | | | | | | | Batch: B | _R129968 |
| Sample ID: MBLK | Method Blank | | | | Run: SUB- | B129968 | | 05/2 | 5/09 11:27 |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | 0.002 | | | | | | |
| Sample ID: LFB | Laboratory Fo | rtified Blank | | | Run: SUB- | | | 05/2 | 6/09 11:28 |
| Nitrogen, Nitrate+Nitrite as N | 0.998 | mg/L | 0.050 | 102 | 90 | 110 | | | |
| Sample ID: C09050645-009E | Sample Matrix | Spike | | | Run: SUB- | B129968 | | 05/2 | 6/09 13:27 |
| Nitrogen, Nitrate+Nitrite as N | 1.01 | mg/L | 0.050 | 103 | 90 | 110 | | | |
| Sample ID: C09050645-009E | Sample Matrix | Spike Duplicate | | | Run: SUB- | B129968 | | 05/2 | 6/09 13:28 |
| Nitrogen, Nitrate+Nitrite as N | 1.02 | mg/L | 0.050 | 104 | 90 | 110 | 1.4 | 10 | |
| Method: E900.0 | <u> </u> | | | | | | | Batch: 0 | GrAB-0669 |
| Sample ID: MB-GrAB-0669 | Method Blank | | | | Run: TENI | NELEC-3_090610 | 0A | 06/1 | 2/09 04:41 |
| Gross Alpha | 2 | pCi/L | | | | _ | | | |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | | | | | |
| Gross Alpha MDC | 0.5 | pCi/L | | | | | | | |
| Gross Beta | -3 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | 2 | pCi/L | | | | | | | |
| Gross Beta MDC | 2 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0669 | Laboratory Co | ontrol Sample | | | Run: TENI | NELEC-3_09061 | 0A | 06/1 | 2/09 04:42 |
| Gross Alpha | 130 | pCi/L | | 95 | 70 | 130 | | | |
| Sample ID: Cs137-GrAB-0669 | Laboratory Co | ontroi Sample | | | Run: TENI | NELEC-3_09061 | 0A | 06/1 | 2/09 04:42 |
| Gross Beta | 120 | pCi/L | | 129 | 70 | 130 | | | |
| Sample ID: C09050645-009DMS | Sample Matri | x Spike | | | Run: TEN | NELEC-3_09061 | 0A | 06/2 | 1/09 20:26 |
| Gross Alpha | 157 | pCi/L | | 79 | 70 | 130 | | | |
| Sample ID: C09050645-009DMSD | Sample Matri | x Spike Duplicate | | | Run: TEN | NELEC-3_09061 | 0A | 06/2 | 1/09 20:26 |
| Gross Alpha | 158 | pCi/L | | 80 | 70 | 130 | 0.9 | 16.1 | |
| Sample ID: C09050645-009DMS | Sample Matri | x Spike | | | Run: TEN | NELEC-3_09061 | 0A | 06/2 | 1/09 20:26 |
| Gross Beta | 132 | pCi/L | | 118 | | 130 | | | |
| Sample ID: C09050645-009DMSD | Sample Matri | x Spike Duplicate | | | Run: TEN | NELEC-3_09061 | 0A | 06/2 | 21/09 20:25 |
| Gross Beta | 138 | pCi/L | | 123 | 70 | 130 | 3.9 | 15.6 | |
| | | | | | | | | | |

Qualifiers:



Client: UR Energy USA Inc.

Project: Lost Creek

Report Date: 07/10/09 **Work Order:** C09050645

| Analyte | Result | Units | RL %RE | C Low Limit | High Limit | RPD | RPDLimit Qual |
|------------------------------|---------------|-----------------|--------|-------------|--------------|-----|------------------|
| Method: E900.0 | | | | | | | Batch: GrAB-0670 |
| Sample ID: MB-GrAB-0670 | Method Blank | | | Run: G50 | 00W_090610A | | 06/13/09 03:16 |
| Gross Alpha | -0.4 | pCi/L | | | | | U |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | | | |
| Gross Alpha MDC | 0.7 | pCi/L | | | | | |
| Gross Beta | -1 | pCi/L | | | | | U |
| Gross Beta precision (±) | 2 | pCi/L | | | | | |
| Gross Beta MDC | 2 | pCi/L | | | | | |
| Sample ID: UNAT-GrAB-0670 | Laboratory Co | ntrol Sample | | Run: G50 | 00W_090610A | | 06/13/09 03:16 |
| Gross Alpha | 150 | pCi/L | 10 | 70 70 | 130 | | |
| Sample ID: Cs137-GrAB-0670 | Laboratory Co | ntrol Sample | | Run: G50 | 00W_090610A | | 06/13/09 03:17 |
| Gross Beta | 86 | pCi/L | ę | 96 70 | 130 | | |
| Sample ID: C09050645-017DMS | Sample Matrix | : Spike | | Run: G50 | 00W_090610A | | 06/13/09 03:17 |
| Gross Alpha | 145 | pCi/L | 10 | 06 70 | 130 | | |
| Sample ID: C09050645-017DMSD | Sample Matrix | Spike Duplicate | | Run: G50 | 00W_090610A | | 06/13/09 03:17 |
| Gross Alpha | 140 | pCi/L | 10 | 02 70 | 130 | 3.6 | 16 |
| Sample ID: C09050645-017DMS | Sample Matrix | Spike | | Run: G50 | 00W_090610A | | 06/13/09 03:17 |
| Gross Beta | 87.3 | pCi/L | ç | 96 70 | 130 | | |
| Sample ID: C09050645-017DMSD | Sample Matrix | Spike Duplicate | | Run: G50 | 000W_090610A | | 06/13/09 03:17 |
| Gross Beta | 90.0 | pCi/L | ! | 99 70 | 130 | 3.1 | 16.1 |



UR Energy USA Inc

Project: Lost Creek

Report Date: 07/10/09 Work Order: C09050645

| Analyte | | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------|---------------------|---------------|-------------------|---------------------|---------------------|---------------------|---------------|------------|------------|-------------|
| Method: | E900.0 | | | | | | | | Batch: (| GrAB-0672 |
| Sample ID: | MB-GrAB-0672 | Method Blank | | | | Run: G500 | 0W_090615A | | 06/1 | 8/09 11:09 |
| Gross Alpha | | -0.3 | pCi/L | | | | | | | U |
| • | a precision (±) | 0.6 | pCi/L | | | | | | | |
| Gross Alph | • | 0.7 | pCi/L | | | | | | | |
| Gross Beta | | 0.04 | pCi/L | | | | | | | U |
| Gross Beta | precision (±) | 1 | pCi/L | | | | | | | |
| Gross Beta | MDC | 1 | pCi/L | | | | | | | |
| Sample ID: | : UNAT-GrAB-0672 | Laboratory Co | ntrol Sample | | Run: G5000W_090615A | | 06/1 | 8/09 11:09 | | |
| Gross Alph | | 140 | pCi/L | | 100 | 70 | 130 | | | |
| Sample ID: | : Cs137-GrAB-0672 | Laboratory Co | ntrol Sample | | | Run: G5000W_090615A | | 06/1 | 8/09 11:10 | |
| Gross Beta | | 89 | pCi/L | | 97 | 70 | 130 | | | |
| Sample ID | : C09050768-001AMS | Sample Matrix | Spike | | | Run: G500 | 0W_090615A | | 06/1 | 9/09 03:06 |
| Gross Alph | | 102 | pCi/L | | 73 | 70 | 130 | | | |
| Cl alama | : C09050768-001AMSD | Sample Matrix | Spike Duplicate | Run: G5000W_090615A | | 06/1 | 9/09 03:06 | | | |
| Gross Alph | | 117 | pCi/L | | 85 | 70 | 130 | 14 | 18.2 | |
| Sample ID | : C09050768-001AMS | Sample Matrix | (Spike | Run: G5000W_090615A | | 06/1 | 9/09 03:06 | | | |
| Gross Beta | | 80.6 | pCi/L | | 91 | 70 | 130 | | | |
| Sample iD | : C09050768-001AMSD | Sample Matrix | Spike Duplicate | | | Run: G500 | 00W_090615A | | | 19/09 03:06 |
| Gross Beta | | 72.9 | pCi/L | | 83 | 70 | 130 | 10 | 16.7 | |
| Method: | E903.0 | <u> </u> | | | | | | | Batch: R | A226-369 |
| Sample ID | : C09050645-001DMS | Sample Matrix | k Spike | | | Run: BER | THOLD 770-1_0 |)90527A | 06/0 | 08/09 10:50 |
| Radium 22 | | 16 | pCi/L | | 91 | 70 | 130 | | | |
| Sample ID | : C09050645-001DMSD | Sample Matrix | k Spike Duplicate | | | Run: BER | THOLD 770-1_0 | 090527A | . 06/0 | 08/09 10:5 |
| Radium 22 | | 17 | pCi/L | | 85 | 70 | 130 | 0.3 | 23.7 | |
| Sample ID | : MB-RA226-3696 | Method Blank | | | | Run: BER | THOLD 770-1_0 | 090527A | . 06/ | 08/09 13:0 |
| Radium 22 | | -0.2 | pCi/L | | | | | | | U |
| Radium 22 | 26 precision (±) | 0.08 | pCi/L | | | | | | | |
| Radium 22 | • | 0.2 | pCi/L | | | | | | | |
| Sample ID |): LCS-RA226-3696 | Laboratory Co | ontrol Sample | | | | THOLD 770-1_ | 090527A | 06/ | 08/09 13:0 |
| Radium 22 | | 7.7 | pCi/L | | 100 | 70 | 130 | | | |

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/10/09 **Work Order:** C09050645

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit Qual |
|---|---------------|-------------------|----|------|------------|---------------------|---------------|-------------------|
| Method: E903.0 | | | | | · <u> </u> | | | Batch: RA226-3697 |
| Sample ID: C09050645-010DMS | Sample Matrix | Snike | | | Run: BERT | HOLD 770_0 | 90527A | 06/08/09 14:44 |
| Radium 226 | 21 | pCi/L | | 83 | 70 | 130 | | |
| radian 220 | | • | | | | | 005074 | 06/08/09 14:44 |
| Sample ID: C09050645-010DMSD | | Spike Duplicate | | 07 | 70 | 0_0130 THOLD 130 | 90527A 3.8 | 22.3 |
| Radium 226 | 22 | pCi/L | | 87 | 70 | 130 | 3.0 | 22.0 |
| Sample ID: MB-RA226-3697 | Method Blank | | | | Run: BERT | THOLD 770_0 | 90527A | 06/08/09 16:36 |
| Radium 226 | -0.2 | pCi/L | | | | | | U |
| Radium 226 precision (±) | 0.09 | pCi/L | | | | | | |
| Radium 226 MDC | 0.2 | pCi/L | | | | | | |
| | Laboratory Co | entral Sample | | | Run: BER | THOLD 770_0 | 90527A | 06/08/09 16:36 |
| Sample ID: LCS-RA226-3697 Radium 226 | 7.7 | pCi/L | | 101 | 70 | 130 | | |
| | | | | | | | | Batch: RA228-2681 |
| Method: RA-05 | | | | | | _ | | |
| Sample ID: LCS-228-RA226-3696 | Laboratory Co | ntrol Sample | | | | NELEC-3_090 | 527D | 06/02/09 13:51 |
| Radium 228 | 7.83 | pCi/L | | 94 | 70 | 130 | | |
| 0 I ID MD DA000 2000 | Method Blank | | | | Run: TENI | NELEC-3_090 | 527D | 06/02/09 13:51 |
| Sample ID: MB-RA226-3696 Radium 228 | -0.3 | pCi/L | | | | | | U |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | | | |
| Radium 228 MDC | 1 | pCi/L | | | | | | |
| , addiding 220 miles | | · | | | | | | 06/02/09 13:5 |
| Sample ID: C09050645-002DMS | Sample Matrix | | | | | NELEC-3_090 | 1527D | 00/02/09 13.5 |
| Radium 228 | 21.3 | pCi/L | | 93 | 70 | 130 | | |
| Sample ID: C09050645-002DMSD | Sample Matrix | x Spike Duplicate | | | Run: TEN | NELEC-3_090 | 527D | 06/02/09 13:5 |
| Radium 228 | 21.8 | pCi/L | | 99 | 70 | 130 | 2.3 | 33.5 |
| Method: RA-05 | | | | | | · - · | | Batch: RA228-268 |
| | Laboratory Co | antral Cample | | | Run: TEN | NELEC-3_090 |)527E | 06/03/09 10:0 |
| Sample ID: LCS-228-RA226-3697 | 9.01 | pCi/L | | 97 | | 130 | | |
| Radium 228 | 0.01 | P0 | | | | | | |
| Sample ID: MB-RA226-3697 | Method Blank | (| | | Run: TEN | NELEC-3_090 |)527E | 06/03/09 10:0 |
| Radium 228 | 0.6 | pCi/L | | | | | | U |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | | | |
| Radium 228 MDC | 2 | pCi/L | | | | | | |
| Sample ID: C09050645-011DMS | Sample Matri | x Spike | | | Run: TEN | NELEC-3_096 | 0527E | 06/03/09 10:0 |
| Radium 228 | 20.6 | pCi/L | | 106 | | 130 | | |
| OI- ID. COOCEGE 644 DISCO | Sample Matri | x Spike Duplicate | | | Run: TEN | NELEC-3_09 | 0527E | 06/03/09 10:0 |
| Sample ID: C09050645-011DMSD | Sample Maur | pCi/L | | 105 | | | 4.3 | 32.9 |
| Radium 228 | 21.0 | P3"= | | | · - | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

| ENERGY | , |
|--------------|---|
| LABORATORIES | |

Chain of Custody and Analytical Request Record

Page / of Z

| Company Name: | | ne, PWS, Permit, Etc. | | | Sample Origin | EPA/State Compliance: | |
|---|--|---|-----------------------|---------------------------------------|--|--|--|
| UR Energy | lost 1 | Seek | | | State: WY | Yes No P | |
| Report Mail Address: 5880 Enterprise Dr Suit 200 | Contact Nar | ne: Phone | e/Fax: | | Email: | Sampler: (Please Print) | |
| | 70 | 1 22 2/6 2872 | 51 640 | . | | | |
| Casper WY 82609 | Invoice Con | tact & Phone: | john. ashou | I-energy | Purchase Order: | Quote/Bottle Order: | |
| Invoice Address: | invoice con | lact a Frions. | | | | | |
| Special Report/Formats – EL! must be notified prior to sample submittal for the following: UR Frequence Sect DW | Numbe Sample T Air Wa Vegetatio | define 8 | REQUESTE | SEE ATTACHED Normal Turnaround (TAT) | Contact ELI pr RUSH sample for charges an scheduling – S Instruction Pag Comments: | submittal Cooler ID(s): Gee Ge Receipt,Temp On Ice: Yes Custody Seal Y N Bottles/ Coolers Intact Y N | |
| SAMPLE IDENTIFICATION Collection Collection (Name, Location, Interval, etc.) Collection Time | MATRIX | 3 | | | | Signature Y N Match | |
| 1 MO-104 #43 5-20-09 | W Zgal | | | | | | |
| 2 MP-104 #44 | | | | | | | |
| 3 Mu-104 #45 | | | | | | | |
| 4 MO-106 #46 | | | | | | | |
| 5 MP-156 #47 |) . | | | | (0905 | 0645 | |
| | | | | | | | |
| | | 1/1-1-1-1 | | | | 11 | |
| ⁷ M0-107 #49 | + | | | | | ORAT | |
| MY 101 #50 | + | +/+++ | | | - | ABC | |
| 194-101 #51 | +/- | { | | | | | |
| 10 M-133 #62 |) / Gian | ature: | Received by (print): | | Date/Time: | Signature: | |
| Custody Refinquished by (print): Date/Time: 5-20-09-3. Record Relinquished by (print): Date/Time: | '4/ S | | | | | Signature: | |
| Record Relinquished by (print): Date/Time: | Z-igft | ature: | Received by (print): | | Date/Time: | | |
| MUST be | | <u> </u> | Received by Laborator | у: | Date/Time: | Signature | |
| Signed Sample Disposal: Return to Client: | Lab Dispo | osal: | Andrew lars | <u> </u> | 5/20/09 15 | 341 | |

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.

This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

| ENERGY | 7 |
|--------------|---|
| LABORATORIES | , |

Chain of Custody and Analytical Request Record PLEASE PRINT- Provide as much information as possible.

| Page | 2 | of | 2 |
|------|---|----|---|
| | | | |

| Company Name: | Project Name, PWS, Permit, Etc. | | Sample Origin | EPA/State Compliance: |
|--|--|--------------------------------------|---|-------------------------|
| UR Energy | Cost Creek | | State: WY | Yes No 🔼 |
| Report Mail Address: SEE Enterplise Dr. Suite 200 | Contact Name: Phone | /Fax: | Email: | Sampler: (Please Print) |
| | T/ (() = = = = = = = = = = = = = = = = = | . () () | | |
| Casper WY 87609 | Invoice Contact & Phone: | ichn cash Quirene | Purchase Order: | Quote/Bottle Order: |
| Invoice Address: | myoice contact & Fronc. | | | |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: DW | F Containers Soils/Solids Sioassay Other | SEE ATTACHED Normal Turnaround (TAT) | R Contact ELI prior RUSH sample su for charges and scheduling – See Instruction Page Comments: S H | Ibmittal Cooler ID(s): |
| SAMPLE IDENTIFICATION Collection Collection (Name, Location, Interval, etc.) Date Time | MATRIX 3 | | | Signature Y N Match |
| MO-108 #53 5-20-09 | w 2gn/ 5 | | | |
| 2 MP-108 #54 | | | | |
| 3 MO-109 # 55 | | | | |
| 4 MP-109 #56 | | | | IS . |
| 5 174-109 # 57 | | | | 0 🔏 |
| 6 MP-113 # 58 | | | | |
| 7 M-134 # 59 | | | (10905a | M5 & |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | 7 |
| Date/Time: | Signature: | Received by (print): | Date/Time: | Signature: |
| Record Relinquished by (print): Date/Time: 5:20-09. | 9/ Storaure: | Received by (print): | Date/Time: | Signature: |
| MUST be | | | Date/Time: | Signature: |
| Signed Sample Disposal: Return to Client: | Lab Disposal: | Andrew las | -/ 1 | |
| | | * 1 | · · | |

Energy Laboratories Inc Workorder Receipt Checklist



UR Energy USA Inc

| Login completed by: Corinne Wagner | Date and Time Received: 5/20/2009 3:41 PM | | | | | | |
|---|---|------------------------|------------------------|--|--|--|--|
| Reviewed by: | | Received by: al | | | | | |
| Reviewed Date: | | Carrier name: Hand Del | | | | | |
| Shipping container/cooler in good condition? | Yes 🗌 | No 🗍 | Not Present ☑ | | | | |
| Custody seals intact on shipping container/cooler? | Yes 🗌 | No 🗌 | Not Present ☑ | | | | |
| Custody seals intact on sample bottles? | Yes 🗌 | No 🗌 | Not Present ☑ | | | | |
| Chain of custody present? | Yes 🗹 | No 🗌 | | | | | |
| Chain of custody signed when relinquished and received? | Yes 🔽 | No 🗌 | | | | | |
| Chain of custody agrees with sample labels? | Yes ✓ | No 🗌 | | | | | |
| Samples in proper container/bottle? | Yes 🗹 | No 🗌 | | | | | |
| Sample containers intact? | Yes 🗹 | No 🗌 | | | | | |
| Sufficient sample volume for indicated test? | Yes 🗹 | No 🗌 | | | | | |
| All samples received within holding time? | Yes 🗹 | No 🗀 | | | | | |
| Container/Temp Blank temperature: | 11°C | | | | | | |
| Water - VOA vials have zero headspace? | Yes 🗌 | No 🔲 | No VOA vials submitted | | | | |
| Water - pH acceptable upon receipt? | Yes ✓ | No 🗌 | Not Applicable | | | | |

Contact and Corrective Action Comments:

Samples for dissolved metals were subsampled, filtered and preserved with 1/2 mL HNO3 in lab upon receipt to pH <2. Samples were subsampled and preserved in lab upon receipt for total metals with 1/2 mL HNO3 and for Nitrate+Nitrite and ammonia with 1/2 mL H2SO4 to pH <2. In accordance with the Drinking Water Act, the metals/hardness sample must be held 24 hours prior to analysis.

CLIENT:

UR Energy USA Inc

Date: 09-Jul-09

Project:

Lost Creek

CASE NARRATIVE

Sample Delivery Group: C09050645

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS

Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS

The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505

Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT

eli-g - Energy Laboratories, Inc. - Gillette, WY

eli-h - Energy Laboratories, Inc. - Helena, MT

eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT



ANALYTICAL SUMMARY REPORT

July 15, 2009

UR Energy USA Inc 10758 W Centennial Rd Ste 200 Ken Caryl Ranch, CO 80127

Workorder No.: C09050746

Quote ID: C2998 - Baseline Monitoring

Project Name:

Lost Creek

Energy Laboratories, Inc. received the following 16 samples for UR Energy USA Inc on 5/22/2009 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|---------------|------------------|---------------|--------------|---------|--|
| C09050746-001 | 1 MO-103 | 05/21/09 0:00 | 05/22/09 | Aqueous | Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved |
| C09050746-002 | 2 MP-103 | 05/21/09 0:00 | 05/22/09 | Aqueous | Same As Above |
| C09050746-00 | 3 MU-103 | 05/21/09 0:00 | 05/22/09 | Aqueous | Same As Above |
| C09050746-004 | 4 MO-105 | 05/21/09 0:00 | 05/22/09 | Aqueous | Same As Above |
| C09050746-00 | 5 MP-105 | 05/21/09 0:00 | 05/22/09 | Aqueous | Same As Above |
| C09050746-00 | 6 MU-105 | 05/21/09 0:00 | 05/22/09 | Aqueous | Same As Above |
| C09050746-00 | 7 KPW-2 | 05/21/09 0:00 | 05/22/09 | Aqueous | Same As Above |
| C09050746-00 | 8 M-135 | 05/21/09 0:00 | 05/22/09 | Aqueous | Same As Above |
| C09050746-00 | 9 MO-101 | 05/21/09 0:00 | 05/22/09 | Aqueous | Same As Above |
| C09050746-01 | 0 MP-101 | 05/21/09 0:00 | 05/22/09 | Aqueous | Same As Above |
| C09050746-01 | 1 MU-101 | 05/21/09 0:00 | 05/22/09 | Aqueous | Same As Above |
| C09050746-01 | 2 MO-102 | 05/21/09 0:00 | 05/22/09 | Aqueous | Same As Above |
| C09050746-01 | 3 MP-102 | 05/21/09 0:00 | 05/22/09 | Aqueous | Same As Above |
| C09050746-01 | 4 MU-102 | 05/21/09 0:00 | 05/22/09 | Aqueous | Same As Above |
| C09050746-01 | 5 MP-111 | 05/21/09 0:00 | 05/22/09 | Aqueous | Same As Above |
| C09050746-01 | 6 M-136 | 05/21/09 0:00 | 05/22/09 | Aqueous | Same As Above |



ANALYTICAL SUMMARY REPORT

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Stephanie D. Waldrop
Reporting Supervisor



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-001

Client Sample ID: MO-103

Report Date: 07/11/09

Collection Date: 05/21/09 DateReceived: 05/22/09

Matrix: Aqueous

| A salvaga | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|---------|----------|------------|--------|-------------|-----------|------------------------|
| Analyses | //Ganit | Units | Qualifiers | 17.6 | | | |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 105 | mg/L | | 1 | | A2320 B | 05/28/09 01:57 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/28/09 01:57 / ljl |
| Bicarbonate as HCO3 | 129 | mg/L | | 1 | | A2320 B | 05/28/09 01:57 / IJI |
| Calcium | 62 | mg/L | | 1 | | E200.7 | 06/05/09 14:01 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/06/09 04:46 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/02/09 15:09 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/05/09 14:01 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/28/09 11:19 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.15 | mg/L | | 0.05 | | E353.2 | 05/29/09 11:23 / eli-k |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/05/09 14:01 / cp |
| Silica | 15.5 | mg/L | | 0.2 | | E200.7 | 06/05/09 14:01 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 06/05/09 14:01 / cp |
| Sulfate | 124 | mg/L | | 1 | | E300.0 | 06/06/09 04:46 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 448 | umhos/cm | | 1 | | A2510 B | 05/26/09 17:07 / dd |
| pH | 7.90 | s.u. | | 0.01 | | A4500-H B | 05/26/09 17:07 / dd |
| Solids, Total Dissolved TDS @ 180 C | 322 | mg/L | | 10 | | A2540 C | 05/27/09 10:59 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 14:01 / cp |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/28/09 01:48 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 01:48 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 14:01 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/28/09 01:48 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 01:48 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 01:48 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 14:01 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 01:48 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 01:48 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 01:48 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 01:48 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 01:48 / ts |
| Selenium | 0.015 | mg/L | | 0.001 | | E200.8 | 05/28/09 01:48 / ts |
| Uranium | 0.326 | mg/L | | 0.0003 | | E200.8 | 05/28/09 01:48 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 01:48 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/11/09 16:48 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 17:55 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 17:55 / cp |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-001

Client Sample ID: MO-103

Report Date: 07/11/09 Collection Date: 05/21/09 DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 267 | pCi/L | | | | E900.0 | 06/13/09 11:46 / cgr |
| Gross Alpha precision (±) | 6.7 | pCi/L | | | | E900.0 | 06/13/09 11:46 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 06/13/09 11:46 / cgr |
| Gross Beta | 81.1 | pCi/L | | | | E900.0 | 06/13/09 11:46 / cgr |
| Gross Beta precision (±) | 2.8 | pCi/L | | | | E900.0 | 06/13/09 11:46 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/13/09 11:46 / cgr |
| Radium 226 | 2.1 | pCi/L | | | | E903.0 | 06/08/09 11:15 / jah |
| Radium 226 precision (±) | 0.32 | pCi/L | | | | E903.0 | 06/08/09 11:15 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 06/08/09 11:15 / jah |
| Radium 228 | 1.8 | pCi/L | | | | RA-05 | 06/03/09 12:55 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 06/03/09 12:55 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 06/03/09 12:55 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.33 | % | | | | Calculation | 06/10/09 09:59 / kbh |
| Anions | 4.85 | meq/L | | | | Calculation | 06/10/09 09:59 / kbh |
| Cations | 4.72 | meq/L | | | | Calculation | 06/10/09 09:59 / kbh |
| Solids, Total Dissolved Calculated | 310 | mg/L | | | | Calculation | 06/10/09 09:59 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | - | | | | Calculation | 06/10/09 09:59 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek

Client Sample ID: MP-103

C09050746-002

Report Date: 07/11/09 Collection Date: 05/21/09 DateReceived: 05/22/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|-------------------------------------|-------------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 81 | mg/L | | 1 | | A2320 B | 05/28/09 11:40 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/28/09 11:40 / lji |
| Bicarbonate as HCO3 | 98 | mg/L | | 1 | | A2320 B | 05/28/09 11:40 / ljl |
| Calcium | 58 | mg/L | | 1 | | E200.7 | 06/05/09 14:05 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/06/09 05:02 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/02/09 15:18 / Iji |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/05/09 14:05 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/28/09 11:20 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/28/09 14:54 / eli-b |
| Potassium | 7 | mg/L | | 1 | | E200.7 | 06/05/09 14:05 / cp |
| Silica | 15.0 | mg/L | | 0.2 | | E200.7 | 06/05/09 14:05 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 06/05/09 14:05 / cp |
| Sulfate | 138 | mg/L | | 1 | | E300.0 | 06/06/09 05:02 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 446 | umhos/cm | | 1 | | A2510 B | 05/26/09 17:09 / dd |
| pH | 8.66 | s.u. | | 0.01 | | A4500-H B | 05/26/09 17:09 / dd |
| Solids, Total Dissolved TDS @ 180 C | 312 | mg/L | | 10 | | A2540 C | 05/27/09 11:05 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 14:05 / cp |
| Arsenic | 0.017 | mg/L | | 0.001 | | E200.8 | 05/28/09 04:11 / ts |
| Barjum | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:11 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 14:05 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/28/09 04:11 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 04:11 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 04:11 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 14:05 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:11 / ts |
| | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 04:11 / ts |
| Manganese | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:11 / ts |
| Mercury Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:11 / ts |
| • | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 04:11 / ts |
| Nickel Selenium | 0.005 | mg/L | | 0.001 | | E200.8 | 05/28/09 04:11 / ts |
| | 0.438 | mg/L | | 0.0003 | | E200.8 | 05/28/09 04:11 / ts |
| Uranium | 0.436 ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:11 / ts |
| Vanadium Zinc | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 14:05 / cp |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 18:08 / cp |
| ITOH | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 18:08 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-002

Client Sample ID: MP-103

Report Date: 07/11/09

Collection Date: 05/21/09 DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 803 | pCi/L | | | | E900.0 | 06/13/09 11:46 / cgr |
| Gross Alpha precision (±) | 11.6 | pCi/L | | | | E900.0 | 06/13/09 11:46 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 06/13/09 11:46 / cgr |
| Gross Beta | 330 | pCi/L | | | | E900.0 | 06/13/09 11:46 / cgr |
| Gross Beta precision (±) | 4.9 | pCi/L | | | | E900.0 | 06/13/09 11:46 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/13/09 11:46 / cgr |
| Radium 226 | 225 | pCi/L | | | | E903.0 | 06/08/09 11:29 / jah |
| Radium 226 precision (±) | 8.1 | pCi/L | | | | E903.0 | 06/08/09 11:29 / jah |
| Radium 226 MDC | 0.58 | pCi/L | | | | E903.0 | 06/08/09 11:29 / jah |
| Radium 228 | 4.2 | pCi/L | | | | RA-05 | 06/03/09 12:55 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/03/09 12:55 / plj |
| Radium 228 MDC | 1 | pCi/L | | | | RA-05 | 06/03/09 12:55 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.673 | % | | | | Calculation | 06/10/09 09:59 / kbh |
| Anions | 4.65 | meq/L | | | | Calculation | 06/10/09 09:59 / kbh |
| Cations | 4.59 | meg/L | | | | Calculation | 06/10/09 09:59 / kbh |
| Solids, Total Dissolved Calculated | 309 | mg/L | | | | Calculation | 06/10/09 09:59 / kbh |
| TDS Balance (0.80 - 1.20) | 1.01 | J | | | | Calculation | 06/10/09 09:59 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-003

Client Sample ID: MU-103

Report Date: 07/11/09 Collection Date: 05/21/09 DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 97 | mg/L | | 1 | | A2320 B | 05/28/09 11:47 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/28/09 11:47 / lji |
| Bicarbonate as HCO3 | 118 | mg/L | | 1 | | A2320 B | 05/28/09 11:47 / ljl |
| Calcium | 48 | mg/L | | 1 | | E200.7 | 06/05/09 14:09 / cp |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 06/06/09 05:17 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/02/09 15:20 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/05/09 14:09 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/28/09 11:22 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.20 | mg/L | | 0.05 | | E353.2 | 05/28/09 14:46 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/05/09 14:09 / cp |
| Silica | 15.6 | mg/L | | 0.2 | | E200.7 | 06/05/09 14:09 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 06/05/09 14:09 / cp |
| Sulfate | 101 | mg/L | | 1 | | E300.0 | 06/06/09 05:17 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 389 | umhos/cm | | 1 | | A2510 B | 05/26/09 17:11 / dd |
| Н | 8.45 | s.u. | | 0.01 | | A4500-H B | 05/26/09 17:11 / dd |
| Solids, Total Dissolved TDS @ 180 C | 277 | mg/L | | 10 | | A2540 C | 05/27/09 11:05 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 14:09 / cp |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 05/28/09 04:18 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:18 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 14:09 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/28/09 04:18 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 04:18 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 04:18 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 14:09 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:18 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 04:18 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:18 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:18 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 04:18 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:18 / ts |
| Uranium | 0.0236 | mg/L | | 0.0003 | | E200.8 | 05/28/09 04:18 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:18 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 14:09 / cp |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 18:16 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 18:16 / cp |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-003

Client Sample ID: MU-103

Report Date: 07/11/09 Collection Date: 05/21/09 DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 175 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Alpha precision (±) | 5.3 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Alpha MDC | 1.3 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Beta | 62.7 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Beta precision (±) | 2.6 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Radium 226 | 63 | pCi/L | | | | E903.0 | 06/08/09 12:24 / jah |
| Radium 226 precision (±) | 2.2 | pCi/L | | | | E903.0 | 06/08/09 12:24 / jah |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 06/08/09 12:24 / jah |
| Radium 228 | 3.3 | pCi/L | | | | RA-05 | 06/03/09 12:55 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/03/09 12:55 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 06/03/09 12:55 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.57 | % | | | | Calculation | 06/10/09 10:00 / kbh |
| Anions | 4.18 | meq/L | | | | Calculation | 06/10/09 10:00 / kbh |
| Cations | 3.90 | meq/L | | | | Calculation | 06/10/09 10:00 / kbh |
| Solids, Total Dissolved Calculated | 267 | mg/L | | | | Calculation | 06/10/09 10:00 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | _ | | | | Calculation | 06/10/09 10:00 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek C09050746-004

Client Sample ID: MO-105

Report Date: 07/11/09 Collection Date: 05/21/09 DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|----------------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 114 | mg/L | | 1 | | A2320 B | 05/28/09 11:54 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/28/09 11:54 / ljl |
| Bicarbonate as HCO3 | 139 | mg/L | | 1 | | A2320 B | 05/28/09 11:54 / ljl |
| Calcium | 7 9 | mg/L | | 1 | | E200.7 | 06/05/09 14:14 / cp |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/06/09 05:33 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/02/09 15:24 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/05/09 14:14 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/28/09 11:23 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.10 | mg/L | | 0.05 | | E353.2 | 05/28/09 14:55 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/05/09 14:14 / cp |
| Silica | 15.3 | mg/L | | 0.2 | | E200.7 | 06/05/09 14:14 / cp |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 06/05/09 14:14 / cp |
| Sulfate | 174 | mg/L | | 1 | | E300.0 | 06/06/09 05:33 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 557 | umhos/cm | | 1 | | A2510 B | 05/26/09 17:14 / dd |
| pH | 7.75 | s.u. | | 0.01 | | A4500-H B | 05/26/09 17:14 / dd |
| Solids, Total Dissolved TDS @ 180 C | 402 | mg/L | | 10 | | A2540 C | 05/27/09 11:06 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 14:14 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:24 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:24 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 14:14 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/28/09 04:24 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 04:24 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 04:24 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 14:14 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:24 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 04:24 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:24 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:24 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 04:24 / ts |
| Selenium | 0.014 | mg/L | | 0.001 | | E200.8 | 05/28/09 04:24 / ts |
| Uranium | 0.473 | mg/L | | 0.0003 | | E200.8 | 05/28/09 04:24 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:24 / ts |
| Zinc | NĐ | mg/L | | 0.01 | | E200.7 | 06/05/09 14:14 / cp |
| METALS - TOTAL | | | | | | F000 T | 00/05/00 48/00 / |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 18:20 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 18:20 / cp |
| | | | | | | | |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-004

Client Sample ID: MO-105

Report Date: 07/11/09

Collection Date: 05/21/09

DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 463 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Alpha precision (±) | 9.4 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Beta | 131 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Beta precision (±) | 3.3 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Radium 226 | 2.5 | pCi/L | | | | E903.0 | 06/08/09 16:36 / jah |
| Radium 226 precision (±) | 0.35 | pCi/L | | | | E903.0 | 06/08/09 16:36 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 06/08/09 16:36 / jah |
| Radium 228 | 3.3 | pCi/L | | | | RA-05 | 06/03/09 12:55 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/03/09 12:55 / plj |
| Radium 228 MDC | 1,1 | pCi/L | | | | RA-05 | 06/03/09 12:55 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.76 | % | | | | Calculation | 06/10/09 10:00 / kbh |
| Anions | 6.08 | meq/L | | | | Calculation | 06/10/09 10:00 / kbh |
| Cations | 5.53 | meq/L | | | | Calculation | 06/10/09 10:00 / kbh |
| Solids, Total Dissolved Calculated | 382 | mg/L | | | | Calculation | 06/10/09 10:00 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | - | | | | Calculation | 06/10/09 10:00 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-005

Client Sample ID: MP-105

Report Date: 07/11/09 Collection Date: 05/21/09

DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|-------------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | · <u> </u> |
| Alkalinity, Total as CaCO3 | 106 | mg/L | | 1 | | A2320 B | 05/28/09 12:01 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/28/09 12:01 / ljl |
| Bicarbonate as HCO3 | 130 | mg/L | | 1 | | A2320 B | 05/28/09 12:01 / ljl |
| Calcium | 75 | mg/L | | 1 | | E200.7 | 06/05/09 14:18 / cp |
| Calcion | 6 | mg/L | | 1 | | E300.0 | 06/06/09 06:19 / Iji |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/02/09 15:26 / ljl |
| | 3 | mg/L | | 1 | | E200.7 | 06/05/09 14:18 / cp |
| Magnesium Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/28/09 11:24 / eli-b |
| | ND | mg/L | | 0.05 | | E353.2 | 05/28/09 14:56 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 2 | mg/L | | 1 | | E200.7 | 06/05/09 14:18 / cp |
| Potassium | 14.4 | mg/L | | 0.2 | | E200.7 | 06/05/09 14:18 / cp |
| Silica | 30 | mg/L | | 1 | | E200.7 | 06/05/09 14:18 / cp |
| Sodium | 168 | mg/L | | 1 | | E300.0 | 06/06/09 06:19 / ljl |
| Sulfate | 100 | mg/L | | | | 2000.0 | |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 536 | umhos/cm | | 1 | | A2510 B | 05/26/09 17:16 / dd |
| pH | 7.77 | s.u. | | 0.01 | | A4500-H B | 05/26/09 17:16 / dd |
| Solids, Total Dissolved TDS @ 180 C | 385 | mg/L | | 10 | | A2540 C | 05/27/09 11:06 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 14:18 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:31 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:31 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 14:18 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/28/09 04:31 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 04:31 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 04:31 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 14:18 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:31 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 04:31 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:31 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:31 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 04:31 / ts |
| Selenium | 0.002 | mg/L | | 0.001 | | E200.8 | 05/28/09 04:31 / ts |
| Uranium | 0.0689 | mg/L | | 0.0003 | | E200.8 | 05/28/09 04:31 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:31 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 14:18 / cp |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 18:36 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 18:36 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-005

Client Sample ID: MP-105

Report Date: 07/11/09 Collection Date: 05/21/09

DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | - | | | | | | |
| Gross Alpha | 305 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Alpha precision (±) | 7.5 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Beta | 143 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Beta precision (±) | 3.5 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Radium 226 | 97 | pCi/L | | | | E903.0 | 06/09/09 14:48 / jah |
| Radium 226 precision (±) | 2.2 | pCi/L | | | | E903.0 | 06/09/09 14:48 / jah |
| Radium 226 MDC | 0.24 | pCi/L | | | | E903.0 | 06/09/09 14:48 / jah |
| Radium 228 | 2.6 | ρCi/L | | | | RA-05 | 06/04/09 10:36 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/04/09 10:36 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/04/09 10:36 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.48 | % | | | | Calculation | 06/10/09 10:00 / kbh |
| Anions | 5.79 | meq/L | | | | Calculation | 06/10/09 10:00 / kbh |
| Cations | 5.40 | meq/L | | | | Calculation | 06/10/09 10:00 / kbh |
| Solids, Total Dissolved Calculated | 367 | mg/L | | | | Calculation | 06/10/09 10:00 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | _ | | | | Calculation | 06/10/09 10:00 / kbh |

Report Definitions:

RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-006

Client Sample ID: MU-105

Report Date: 07/11/09 Collection Date: 05/21/09 DateReceived: 05/22/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 90 | mg/L | | 1 | | A2320 B | 05/28/09 12:08 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/28/09 12:08 / ljl |
| Bicarbonate as HCO3 | 109 | mg/L | | 1 | | A2320 B | 05/28/09 12:08 / ljl |
| Calcium | 46 | mg/L | | 1 | | E200.7 | 06/05/09 14:22 / cp |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 06/06/09 07:05 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/02/09 15:30 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/05/09 14:22 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/28/09 11:25 / eli-b |
| | ND | mg/L | | 0.05 | | E353.2 | 05/28/09 14:57 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 2 | mg/L | | 1 | | E200.7 | 06/05/09 14:22 / cp |
| Potassium | 16.1 | mg/L | | 0.2 | | E200.7 | 06/05/09 14:22 / cp |
| Silica | 25 | mg/L | | 1 | | E200.7 | 06/05/09 14:22 / cp |
| Sodium | 94 | mg/L | | 1 | | E300.0 | 06/06/09 07:05 / j |
| Sulfate | 94 | mg/L | | • | | 2000.0 | 20,00,00 |
| PHYSICAL PROPERTIES | | | | | | | 05/00/00 47/48 / 44 |
| Conductivity | 359 | umhos/cm | | 1 | | A2510 B | 05/26/09 17:18 / dd |
| pH | 8.26 | s.u. | | 0.01 | | A4500-H B | 05/26/09 17:18 / dd |
| Solids, Total Dissolved TDS @ 180 C | 279 | mg/L | | 10 | | A2540 C | 05/27/09 11:06 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 14:22 / cp |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/28/09 04:38 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:38 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 14:22 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/28/09 04:38 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 04:38 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 04:38 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 14:22 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:38 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 04:38 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:38 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:38 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 04:38 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:38 / ts |
| Uranium | 0.0108 | mg/L | | 0.0003 | | E200.8 | 05/28/09 04:38 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:38 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 14:22 / cp |
| METALS - TOTAL | | | | | | | |
| | 0.45 | mg/L | | 0.03 | | E200.8 | 06/05/09 21:49 / sml |
| Iron | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 21:49 / sml |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-006

Client Sample ID: MU-105

Report Date: 07/11/09

Collection Date: 05/21/09 DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL_ | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|-----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 60.7 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Alpha precision (±) | 3.5 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Beta | 35.5 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Beta precision (±) | 2.2 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/18/09 03:46 / cgr |
| Radium 226 | 4.6 | pCi/L | | | | E903.0 | 06/09/09 14:48 / jah |
| Radium 226 precision (±) | 0.54 | pCi/L | | | | E903.0 | 06/09/09 14:48 / jah |
| Radium 226 MDC | 0.28 | pCi/L | | | | E903.0 | 06/09/09 14:48 / jah |
| Radium 228 | 3.7 | pCi/L | | | | RA-05 | 06/04/09 10:36 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/04/09 10:36 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 06/04/09 10:36 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.74 | % | | | | Calculation | 06/10/09 10:01 / kbh |
| Anions | 3.88 | meq/L | | | | Calculation | 06/10/09 10:01 / kbh |
| Cations | 3.60 | meq/L | | | | Calculation | 06/10/09 10:01 / kbh |
| Solids, Total Dissolved Calculated | 248 | mg/L | | | | Calculation | 06/10/09 10:01 / kbh |
| TDS Balance (0.80 - 1.20) | 1.13 | - | | | | Calculation | 06/10/09 10:01 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-007

Client Sample ID: KPW-2

Report Date: 07/11/09

Collection Date: 05/21/09 DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 107 | mg/L | | 1 | | A2320 B | 05/28/09 12:31 / lji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/28/09 12:31 / ljl |
| Bicarbonate as HCO3 | 130 | mg/L | | 1 | | A2320 B | 05/28/09 12:31 / ljl |
| Calcium | 54 | mg/L | | 1 | | E200.7 | 06/05/09 14:34 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/06/09 07:20 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/02/09 15:32 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/05/09 14:34 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/28/09 11:29 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/28/09 14:59 / eli-t |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/05/09 14:34 / cp |
| Silica | 16.1 | mg/L | | 0.2 | | E200.7 | 06/05/09 14:34 / cp |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 06/05/09 14:34 / cp |
| Sulfate | 110 | mg/L | | 1 | | E300.0 | 06/06/09 07:20 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 427 | umhos/cm | | 1 | | A2510 B | 05/26/09 17:21 / dd |
| pH | 8.11 | s.u. | | 0.01 | | A4500-H B | 05/26/09 17:21 / dd |
| Solids, Total Dissolved TDS @ 180 C | 301 | mg/L | | 10 | | A2540 C | 05/27/09 11:06 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 14:34 / cp |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/28/09 04:45 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:45 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 14:34 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/28/09 04:45 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 04:45 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 04:45 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 14:34 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:45 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 04:45 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:45 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:45 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 04:45 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:45 / ts |
| Uranium | 0.0187 | mg/L | | 0.0003 | | E200.8 | 05/28/09 04:45 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:45 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 14:34 / cp |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 18:40 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 18:40 / cp |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-007

Client Sample ID: KPW-2

Report Date: 07/11/09

Collection Date: 05/21/09 DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 42.6 | pCi/L | | | | E900.0 | 06/28/09 03:28 / cgr |
| Gross Alpha precision (±) | 3.1 | pCi/L | | | | E900.0 | 06/28/09 03:28 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/28/09 03:28 / cgr |
| Gross Beta | 17.9 | pCi/L | | | | E900.0 | 06/28/09 03:28 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/28/09 03:28 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/28/09 03:28 / cgr |
| Radium 226 | 4.5 | pCi/L | | | | E903.0 | 06/09/09 10:13 / jah |
| Radium 226 precision (±) | 0.45 | pCi/L | | | | E903.0 | 06/09/09 10:13 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/09/09 10:13 / jah |
| Radium 228 | 3.6 | pCi/L | | | | RA-05 | 06/04/09 12:48 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/04/09 12:48 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 06/04/09 12:48 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.37 | % | | | | Calculation | 06/10/09 10:01 / kbh |
| Anions | 4.56 | meq/L | | | | Calculation | 06/10/09 10:01 / kbh |
| Cations | 4.18 | meq/L | | | | Calculation | 06/10/09 10:01 / kbh |
| Solids, Total Dissolved Calculated | 287 | mg/L | | | | Calculation | 06/10/09 10:01 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | - | | | | Calculation | 06/10/09 10:01 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-008

Client Sample ID: M-135

Report Date: 07/11/09 Collection Date: 05/21/09 DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | - | | |
| Alkalinity, Total as CaCO3 | 80 | mg/L | | 1 | | A2320 B | 05/28/09 12:38 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/28/09 12:38 / ljl |
| Bicarbonate as HCO3 | 98 | mg/L | | 1 | | A2320 B | 05/28/09 12:38 / ljl |
| Calcium | 58 | mg/L | | 1 | | E200.7 | 06/05/09 15:30 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/06/09 07:36 / Ijl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/04/09 11:50 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/05/09 15:30 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/28/09 11:32 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/29/09 11:24 / eli-b |
| Potassium | 7 | mg/L | | 1 | | E200.7 | 06/05/09 15:30 / cp |
| Silica | 15.2 | mg/L | | 0.2 | | E200.7 | 06/05/09 15:30 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 06/05/09 15:30 / cp |
| Sulfate | 139 | mg/L | | 1 | | E300.0 | 06/06/09 07:36 / lji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 447 | umhos/cm | | 1 | | A2510 B | 05/26/09 17:22 / dd |
| pH | 8.56 | s.u. | | 0.01 | | A4500-H B | 05/26/09 17:22 / dd |
| Solids, Total Dissolved TDS @ 180 C | 324 | mg/L | | 10 | | A2540 C | 05/27/09 11:07 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 15:30 / cp |
| Arsenic | 0.017 | mg/L | | 0.001 | | E200.8 | 05/28/09 04:51 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:51 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 15:30 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/28/09 04:51 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 04:51 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 04:51 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 15:30 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:51 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 04:51 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:51 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:51 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 04:51 / ts |
| Selenium | 0.005 | mg/L | | 0.001 | | E200.8 | 05/28/09 04:51 / ts |
| Uranium | 0.446 | mg/L | | 0.0003 | | E200.8 | 05/28/09 04:51 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:51 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 15:30 / cp |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 18:44 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 18:44 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-008

Client Sample ID: M-135

Report Date: 07/11/09

Collection Date: 05/21/09 DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 859 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Alpha precision (±) | 13.5 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta | 345 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta precision (±) | 4.7 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Radium 226 | 228 | pCi/L | | | | E903.0 | 06/09/09 10:13 / jah |
| Radium 226 precision (±) | 3.1 | pCi/L | | | | E903.0 | 06/09/09 10:13 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/09/09 10:13 / jah |
| Radium 228 | 3.9 | pCi/L | | | | RA-05 | 06/04/09 12:47 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/04/09 12:47 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 06/04/09 12:47 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.668 | % | | | | Calculation | 06/10/09 10:02 / kbh |
| Anions | 4.65 | meq/L | | | | Calculation | 06/10/09 10:02 / kbh |
| Cations | 4.58 | meq/L | | | | Calculation | 06/10/09 10:02 / kbh |
| Solids, Total Dissolved Calculated | 309 | mg/L | | | | Calculation | 06/10/09 10:02 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | _ | | | , | Calculation | 06/10/09 10:02 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-009

Client Sample ID: MO-101

Report Date: 07/11/09 Collection Date: 05/21/09

DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|--------------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 111 | mg/L | | 1 | | A2320 B | 05/28/09 12:45 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/28/09 12:45 / ljl |
| Bicarbonate as HCO3 | 136 | mg/L | | 1 | | A2320 B | 05/28/09 12:45 / ljl |
| Calcium | 92 | mg/L | | 1 | | E200.7 | 06/05/09 15:34 / cp |
| Chloride | 9 | mg/L | | 1 | | E300.0 | 06/06/09 07:51 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/04/09 12:00 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/05/09 15:34 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/28/09 11:33 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/29/09 11:25 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/05/09 15:34 / cp |
| Silica | 15.7 | mg/L | | 0.2 | | E200.7 | 06/05/09 15:34 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/05/09 15:34 / cp |
| Sulfate | 200 | mg/L | | 1 | | E300.0 | 06/06/09 07:51 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 612 | umhos/cm | | 1 | | A2510 B | 05/26/09 17:26 / dd |
| рН | 7.84 | s .u. | | 0.01 | | A4500-H B | 05/26/09 17:26 / dd |
| Solids, Total Dissolved TDS @ 180 C | 442 | mg/L | | 10 | | A2540 C | 05/27/09 11:07 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 15:34 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:58 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:58 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 15:34 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/28/09 04:58 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 04:58 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 04:58 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 15:34 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:58 / ts |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.8 | 05/28/09 04:58 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 04:58 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:58 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 04:58 / ts |
| Selenium | 0.013 | mg/L | | 0.001 | | E200.8 | 05/28/09 04:58 / ts |
| Uranium | 0.378 | mg/L | | 0.0003 | | E200.8 | 05/28/09 04:58 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 04:58 / ts |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.7 | 06/05/09 15:34 / cp |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 18:48 / cp |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.7 | 06/05/09 18:48 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-009

Client Sample ID: MO-101

Report Date: 07/11/09 Collection Date: 05/21/09

DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 552 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Alpha precision (±) | 11.7 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Alpha MDC | 2.3 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta | 118 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta precision (±) | 3.1 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Radium 226 | 5.0 | pCi/L | | | | E903.0 | 06/14/09 20:44 / jah |
| Radium 226 precision (±) | 0.51 | pCi/L | | | | E903.0 | 06/14/09 20:44 / jah |
| Radium 226 MDC | 0.12 | pCi/L | | | | E903.0 | 06/14/09 20:44 / jah |
| Radium 228 | 2.9 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.14 | % | | | | Calculation | 06/10/09 10:02 / kbh |
| Anions | 6.64 | meq/L | | | | Calculation | 06/10/09 10:02 / kbh |
| Cations | 6.36 | meq/L | | | | Calculation | 06/10/09 10:02 / kbh |
| Solids, Total Dissolved Calculated | 425 | mg/L | | | | Calculation | 06/10/09 10:02 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | - | | | | Calculation | 06/10/09 10:02 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-010

Client Sample ID: MP-101

Report Date: 07/11/09

Collection Date: 05/21/09

DateReceived: 05/22/09 Matrix: Aqueous

| | | | | | MCL/ | BB-44 | Amelial - Data / Di- |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 119 | mg/L | | 1 | | A2320 B | 05/28/09 12:52 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/28/09 12:52 / ljl |
| Bicarbonate as HCO3 | 145 | mg/L | | 1 | | A2320 B | 05/28/09 12:52 / ljl |
| Calcium | 84 | mg/L | | 1 | | E200.7 | 06/05/09 15:38 / cp |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/06/09 08:07 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/04/09 12:03 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/05/09 15:38 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/28/09 11:35 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/29/09 11:26 / eli-l |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/05/09 15:38 / cp |
| Silica | 16.3 | mg/L | | 0.2 | | E200.7 | 06/05/09 15:38 / cp |
| Sodium | 28 | mg/L | | 1 | | E200.7 | 06/05/09 15:38 / cp |
| Sulfate | 172 | mg/L | | 1 | | E300.0 | 06/06/09 08:07 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 560 | umhos/cm | | 1 | | A2510 B | 05/26/09 17:28 / dd |
| Н | 7.89 | s.u. | | 0.01 | | A4500-H B | 05/26/09 17:28 / dd |
| Solids, Total Dissolved TDS @ 180 C | 425 | mg/L | | 10 | | A2540 C | 05/27/09 11:10 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 15:38 / cp |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 05/28/09 05:05 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 05:05 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 15:38 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/28/09 05:05 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 05:05 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 05:05 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 15:38 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 05:05 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 05/28/09 05:05 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 05:05 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 05:05 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 05:05 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 05:05 / ts |
| Uranium | 0.0692 | mg/L | | 0.0003 | | E200.8 | 05/28/09 05:05 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 05:05 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 15:38 / cp |
| METALS - TOTAL | | | | | | | |
| Iron | 0.04 | mg/L | | 0.03 | | E200.7 | 06/05/09 18:52 / cp |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 06/05/09 18:52 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-010

Client Sample ID: MP-101

Report Date: 07/11/09

Collection Date: 05/21/09

DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | · | | | | | • | |
| Gross Alpha | 482 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Alpha precision (±) | 10.7 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Alpha MDC | 2.2 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta | 121 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta precision (±) | 3.1 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Radium 226 | 272 | pCi/L | | | | E903.0 | 06/14/09 23:57 / jah |
| Radium 226 precision (±) | 9.7 | pCi/L | | | | E903.0 | 06/14/09 23:57 / jah |
| Radium 226 MDC | 0.63 | pCi/L | | | | E903.0 | 06/14/09 23:57 / jah |
| Radium 228 | 5.2 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.06 | % | | | | Calculation | 06/10/09 10:02 / kbh |
| Anions | 6.13 | meq/L | | | | Calculation | 06/10/09 10:02 / kbh |
| Cations | 5.77 | meq/L | | | | Calculation | 06/10/09 10:02 / kbh |
| Solids, Total Dissolved Calculated | 388 | mg/L | | | | Calculation | 06/10/09 10:02 / kbh |
| TDS Balance (0.80 - 1.20) | 1.10 | • | | | | Calculation | 06/10/09 10:02 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-011

Client Sample ID: MU-101

Report Date: 07/11/09

Collection Date: 05/21/09

DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 112 | mg/L | | 1 | | A2320 B | 05/28/09 13:00 / Ijl |
| Carbonate as CO3 | 6 | mg/L | | 1 | | A2320 B | 05/28/09 13:00 / Ijl |
| Bicarbonate as HCO3 | 125 | mg/L | | 1 | | A2320 B | 05/28/09 13:00 / ljl |
| Calcium | 69 | mg/L | | 1 | | E200.7 | 06/05/09 15:42 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/06/09 08:22 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/04/09 12:05 / lji |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/05/09 15:42 / cp |
| Nitrogen, Ammonia as N | 80.0 | mg/L | | 0.05 | | E350.1 | 05/28/09 11:36 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/29/09 11:28 / eli-b |
| Potassium | 8 | mg/L | | 1 | | E200.7 | 06/05/09 15:42 / cp |
| Silica | 17.1 | mg/L | | 0.2 | | E200.7 | 06/05/09 15:42 / cp |
| Sodium | 28 | mg/L | | 1 | | E200.7 | 06/05/09 15:42 / cp |
| Sulfate | 147 | mg/L | | 1 | | E300.0 | 06/06/09 08:22 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 503 | umhos/cm | | 1 | | A2510 B | 05/26/09 17:32 / dd |
| Hq | 8.77 | s.u. | | 0.01 | | A4500-H B | 05/26/09 17:32 / dd |
| Solids, Total Dissolved TDS @ 180 C | 391 | mg/L | | 10 | | A2540 C | 05/27/09 11:11 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 15:42 / cp |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 05/28/09 05:39 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 05:39 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 15:42 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/28/09 05:39 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 05:39 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 05:39 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 15:42 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 05:39 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 05:39 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 05:39 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 05:39 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 05:39 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 05:39 / ts |
| Uranium | 0.0075 | mg/L | | 0.0003 | | E200.8 | 05/28/09 05:39 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 05:39 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 15:42 / cp |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 18:56 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 18:56 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-011

Client Sample ID: MU-101

Report Date: 07/11/09

Collection Date: 05/21/09 DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | - | | | | | | |
| Gross Alpha | 38.4 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Alpha precision (±) | 3.2 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Alpha MDC | 2.1 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta | 21.2 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Radium 226 | 9.8 | pCi/L | | | | E903.0 | 06/15/09 01:27 / jah |
| Radium 226 precision (±) | 0.66 | pCi/L | | | | E903.0 | 06/15/09 01:27 / jah |
| Radium 226 MDC | 0.11 | pCi/L | | | | E903.0 | 06/15/09 01:27 / jah |
| Radium 228 | 4.6 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.82 | % | | | | Calculation | 06/10/09 10:03 / kbh |
| Anions | 5.44 | meq/L | | | | Calculation | 06/10/09 10:03 / kbh |
| Cations | 5.04 | meq/L | | | | Calculation | 06/10/09 10:03 / kbh |
| Solids, Total Dissolved Calculated | 348 | mg/L | | | | Calculation | 06/10/09 10:03 / kbh |
| TDS Balance (0.80 - 1.20) | 1.12 | J | | | | Calculation | 06/10/09 10:03 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek

Client Sample ID: MO-102

Report Date: 07/11/09 Collection Date: 05/21/09 DateReceived: 05/22/09 C09050746-012

Matrix: Aqueous

| | Para de | 1114- | Ouglisia | DI | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|---------|----------|------------|--------|-------------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | - QOL | Metiloa | - Analysis Bate (B) |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 107 | mg/L | | 1 | | A2320 B | 05/28/09 13:15 / ljl |
| Carbonate as CO3 | NĎ | mg/L | | 1 | | A2320 B | 05/28/09 13:15 / ljl |
| Bicarbonate as HCO3 | 130 | mg/L | | 1 | | A2320 B | 05/28/09 13:15 / ljl |
| Calcium | 82 | mg/L | | 1 | | E200.7 | 06/05/09 15:46 / cp |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/06/09 08:37 / lji |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/04/09 12:09 / Ijl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/05/09 15:46 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/28/09 11:37 / eli-l |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/29/09 11:29 / eli-l |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/05/09 15:46 / cp |
| Silica | 15.4 | mg/L | | 0.2 | | E200.7 | 06/05/09 15:46 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 06/05/09 15:46 / cp |
| Sulfate | 184 | mg/L | | 1 | | E300.0 | 06/06/09 08:37 / lji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 566 | umhos/cm | | 1 | | A2510 B | 05/26/09 17:34 / dd |
| pH | 7.94 | s.u. | | 0.01 | | A4500-H B | 05/26/09 17:34 / dd |
| Solids, Total Dissolved TDS @ 180 C | 434 | mg/L | | 10 | | A2540 C | 05/27/09 11:11 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 15:46 / cp |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 05/28/09 05:59 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 05:59 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 15:46 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/28/09 05:59 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 05:59 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 05:59 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 15:46 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 05:59 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 05:59 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 05:59 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 05:59 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 05:59 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 05:59 / ts |
| Uranium | 0.341 | mg/L | | 0.0003 | | E200.8 | 05/28/09 05:59 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 05:59 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.7 | 06/05/09 15:46 / cp |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 19:00 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 19:00 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-012

Client Sample ID: MO-102

Report Date: 07/11/09

Collection Date: 05/21/09 DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|----------------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 402 | pCi/L | | | | E900.0 | 06/28/09 03:28 / cgr |
| Gross Alpha precision (±) | 9.7 | pCi/L | | | | E900.0 | 06/28/09 03:28 / cgr |
| Gross Alpha MDC | 2.2 | p Ci/ L | | | | E900.0 | 06/28/09 03:28 / cgr |
| Gross Beta | 114 | pCi/L | | | | E900.0 | 06/28/09 03:28 / cgr |
| Gross Beta precision (±) | 3.1 | pCi/L | | | | E900.0 | 06/28/09 03:28 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/28/09 03:28 / cgr |
| Radium 226 | 7.9 | pCi/L | | | | E903.0 | 06/15/09 02:58 / jah |
| Radium 226 precision (±) | 0.69 | pCi/L | | | | E903.0 | 06/15/09 02:58 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 06/15/09 02:58 / jah |
| Radium 228 | 2.3 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.95 | % | | | | Calculation | 06/10/09 10:03 / kbh |
| Anions | 6.15 | meq/L | | | | Calculation | 06/10/09 10:03 / kbh |
| Cations | 5.80 | meq/L | | | | Calculation | 06/10/09 10:03 / kbh |
| Solids, Total Dissolved Calculated | 393 | mg/L | | | | Calculation | 06/10/09 10:03 / kbh |
| TDS Balance (0.80 - 1.20) | 1.10 | - | | | | Calculation | 06/10/09 10:03 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek C09050746-013

Lab ID:

Client Sample ID: MP-102

Report Date: 07/11/09

Collection Date: 05/21/09 DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|-----------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 111 | mg/L | | 1 | | A2320 B | 05/28/09 13:22 / Ijl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/28/09 13:22 / ljl |
| Bicarbonate as HCO3 | 136 | mg/L | | 1 | | A2320 B | 05/28/09 13:22 / ljl |
| Calcium | 64 | mg/L | | 1 | | E200.7 | 06/05/09 15:50 / cp |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 06/06/09 08:53 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/04/09 12:12 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/05/09 15:50 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/28/09 11:38 / eli- |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/29/09 11:36 / eli- |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/05/09 15:50 / cp |
| Silica | 16.2 | mg/L | | 0.2 | | E200.7 | 06/05/09 15:50 / cp |
| Sodium | 26 | mg/L | | 1 | | E200.7 | 06/05/09 15:50 / cp |
| Sulfate | 125 | mg/L | | 1 | | E300.0 | 06/06/09 08:53 / Ijl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 456 | umhos/cm | | 1 | | A2510 B | 05/26/09 17:37 / dd |
| pH | 7.88 | s.u. | | 0.01 | | A4500-H B | 05/26/09 17:37 / dd |
| Solids, Total Dissolved TDS @ 180 C | 340 | mg/L | | 10 | | A2540 C | 05/27/09 11:12 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 15:50 / cp |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 05/28/09 06:06 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 06:06 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 15:50 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/28/09 06:06 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 06:06 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 06:06 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 15:50 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 06:06 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 06:06 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 06:06 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 06:06 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 06:06 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 06:06 / ts |
| Uranium | 0.0754 | mg/L | | 0.0003 | | E200.8 | 05/28/09 06:06 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 06:06 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 15:50 / cp |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 19:25 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 19:25 / cp |

Report Definitions:

RL - Analyte reporting limit.

ns: QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-013

Client Sample ID: MP-102

Report Date: 07/11/09

Collection Date: 05/21/09

DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|--------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 574 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Alpha precision (±) | 11.2 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta | 159 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta precision (±) | 3.4 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Radium 226 | 303 | pCi/L | | | | E903.0 | 06/15/09 03:09 / jah |
| Radium 226 precision (±) | 11 | pCi/L | | | | E903.0 | 06/15/09 03:09 / jah |
| Radium 226 MDC | 0.70 | pCi/L | | | | E903.0 | 06/15/09 03:09 / jah |
| Radium 228 | 4.3 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.16 | % | | | | Calculation | 06/10/09 10:04 / kbh |
| Anions | 4.95 | meq/L | | | | Calculation | 06/10/09 10:04 / kbh |
| Cations | 4.65 | meq/L | | | | Calculation | 06/10/09 10:04 / kbh |
| Solids, Total Dissolved Calculated | 312 | mg/L | | | | Calculation | 06/10/09 10:04 / kbh |
| TDS Balance (0.80 - 1.20) | 1.09 | - | | | | Calculation | 06/10/09 10:04 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-014

Client Sample ID: MU-102

Report Date: 07/11/09

Collection Date: 05/21/09 DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By | |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|--|
| MAJOR IONS | | | | | | | | |
| Alkalinity, Total as CaCO3 | 102 | mg/L | | 1 | | A2320 B | 05/28/09 13:29 / ljl | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/28/09 13:29 / ljl | |
| Bicarbonate as HCO3 | 125 | mg/L | | 1 | | A2320 B | 05/28/09 13:29 / ljl | |
| Calcium | 52 | mg/L | | 1 | | E200.7 | 06/05/09 15:54 / cp | |
| Chloride | 4 | mg/L | | 1 | | €300.0 | 06/06/09 09:08 / ljl | |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/04/09 12:14 / Ijl | |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/05/09 15:54 / cp | |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/28/09 11:39 / eli-b | |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/29/09 11:37 / eli-b | |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/05/09 15:54 / cp | |
| Silica | 16.8 | mg/L | | 0.2 | | E200.7 | 06/05/09 15:54 / cp | |
| Sodium | 26 | mg/L | | 1 | | E200.7 | 06/05/09 15:54 / cp | |
| Sulfate | 95 | mg/L | | 1 | | E300.0 | 06/06/09 09:08 / Iji | |
| PHYSICAL PROPERTIES | | | | | | | | |
| Conductivity | 384 | umhos/cm | | 1 | | A2510 B | 05/26/09 17:39 / dd | |
| pH | 8.44 | s.u. | | 0.01 | | A4500-H B | 05/26/09 17:39 / dd | |
| Solids, Total Dissolved TDS @ 180 C | 293 | mg/L | | 10 | | A2540 C | 05/27/09 11:12 / rp | |
| METALS - DISSOLVED | | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 15:54 / cp | |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 05/28/09 06:13 / ts | |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 06:13 / ts | |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 15:54 / cp | |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/28/09 06:13 / ts | |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 06:13 / ts | |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 06:13 / ts | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 15:54 / cp | |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 06:13 / ts | |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 06:13 / ts | |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 06:13 / ts | |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 06:13 / ts | |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 06:13 / ts | |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 06:13 / ts | |
| Uranium | 0,0103 | mg/L | | 0.0003 | | E200.8 | 05/28/09 06:13 / ts | |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 06:13 / ts | |
| Zinc | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 15:54 / cp | |
| METALS - TOTAL | | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 19:33 / cp | |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 19:33 / cp | |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-014

Client Sample ID: MU-102

Report Date: 07/11/09 Collection Date: 05/21/09

DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 27.3 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Alpha precision (±) | 2.6 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta | 10.0 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta precision (±) | 1.7 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Radium 226 | 4.8 | pCi/L | | | | E903.0 | 06/15/09 04:39 / jah |
| Radium 226 precision (±) | 0.47 | pCi/L | | | | E903.0 | 06/15/09 04:39 / jah |
| Radium 226 MDC | 0.11 | pCi/L | | | | E903.0 | 06/15/09 04:39 / jah |
| Radium 228 | 3.0 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 06/08/09 14:03 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.07 | % | | | | Calculation | 06/10/09 10:04 / kbh |
| Anions | 4,16 | meq/L | | | | Calculation | 06/10/09 10:04 / kbh |
| Cations | 3.91 | meq/L | | | | Calculation | 06/10/09 10:04 / kbh |
| Solids, Total Dissolved Calculated | 264 | mg/L | | | | Calculation | 06/10/09 10:04 / kbh |
| TDS Balance (0.80 - 1.20) | 1.11 | | | | | Calculation | 06/10/09 10:04 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-015

Client Sample ID: MP-111

Report Date: 07/11/09

Collection Date: 05/21/09 DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 1380 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Alpha precision (±) | 17.2 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta | 399 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta precision (±) | 5.1 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Radium 226 | 411 | pCi/L | | | | E903.0 | 06/09/09 18:14 / jah |
| Radium 226 precision (±) | 3.9 | pCi/L | | | | E903.0 | 06/09/09 18:14 / jah |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 06/09/09 18:14 / jah |
| Radium 228 | 4.2 | pCi/L | | | | RA-05 | 06/04/09 15:01 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/04/09 15:01 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 06/04/09 15:01 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.33 | % | | | | Calculation | 06/10/09 10:04 / kbh |
| Anions | 5.04 | meq/L | | | | Calculation | 06/10/09 10:04 / kbh |
| Cations | 4.81 | meq/L | | | | Calculation | 06/10/09 10:04 / kbh |
| Solids, Total Dissolved Calculated | 322 | mg/L | | | | Calculation | 06/10/09 10:04 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | - | | | | Calculation | 06/10/09 10:04 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-016

Client Sample ID: M-136

Report Date: 07/11/09 Collection Date: 05/21/09

DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | · | | | | | | |
| Alkalinity, Total as CaCO3 | 2 | mg/L | В | 1 | | A2320 B | 05/28/09 13:42 / Ijl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 05/28/09 13:42 / ljl |
| Bicarbonate as HCO3 | 3 | mg/L | В | 1 | | A2320 B | 05/28/09 13:42 / ljl |
| Calcium | ND | mg/L | | 1 | | E200.7 | 06/05/09 16:15 / cp |
| Chloride | ND | mg/L | | 1 | | E300.0 | 06/06/09 10:56 / Ijl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 06/04/09 12:34 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/05/09 16:15 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 05/28/09 11:47 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 05/29/09 11:16 / eli-b |
| Potassium | ND | mg/L | | 1 | | E200.7 | 06/05/09 16:15 / cp |
| Silica | ND | mg/L | | 0.2 | | E200.7 | 06/05/09 16:15 / cp |
| Sodium | ND | mg/L | | 1 | | E200.7 | 06/05/09 16:15 / cp |
| Sulfate | ND | mg/L | | 1 | | E300.0 | 06/06/09 10:56 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | ND | umhos/cm | | 1 | | A2510 B | 05/26/09 17:46 / dd |
| pH | 5.98 | s.u. | | 0.01 | | A4500-H B | 05/26/09 17:46 / dd |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | | 10 | | A2540 C | 05/27/09 11:13 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 16:15 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 06:26 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 06:26 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/05/09 16:15 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 05/28/09 06:26 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 06:26 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 06:26 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 16:15 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 06:26 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 05/28/09 06:26 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 06:26 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 06:26 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 05/28/09 06:26 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 05/28/09 06:26 / ts |
| Uranium | ND | mg/L | | 0.0003 | | E200.8 | 05/28/09 06:26 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 05/28/09 06:26 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 16:15 / cp |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/05/09 19:41 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/05/09 19:41 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09050746-016

Client Sample ID: M-136

Report Date: 07/11/09

Collection Date: 05/21/09

DateReceived: 05/22/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 0.1 | pCi/L | U | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Alpha precision (±) | 0.7 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Alpha MDC | 1.1 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta | -0.6 | pCi/L | U | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta precision (±) | 1.4 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Gross Beta MDC | 2.4 | pCi/L | | | | E900.0 | 06/18/09 11:10 / cgr |
| Radium 226 | -0.2 | pCi/L | U | | | E903.0 | 06/09/09 18:14 / jah |
| Radium 226 precision (±) | 0.08 | pCi/L | | | | E903.0 | 06/09/09 18:14 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/09/09 18:14 / jah |
| Radium 228 | -0.04 | pCi/L | U | | | RA-05 | 06/04/09 15:01 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 06/04/09 15:01 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/04/09 15:01 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -100 | % | | | | Calculation | 06/10/09 10:06 / kbh |
| Anions | 0.0439 | meq/L | | | | Calculation | 06/10/09 10:06 / kbh |
| Cations | ND | meq/L | | | | Calculation | 06/10/09 10:06 / kbh |
| The ion halance is not appropriate for near h | | moq. | | | | | |

⁻ The ion balance is not appropriate for near blank results.

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050746

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|------------|--------------|-----------------|-----|------|-----------|-------------|-----|----------|-----------|
| Method: A2320 B | | | | | | | | | Batch: | R118710 |
| Sample ID: MBLK | <u>3</u> M | ethod Blank | | | | Run: MANT | ECH_090527A | | 05/27 | /09 14:22 |
| Alkalinity, Total as CaCO3 | | 3 | mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | | ND | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | | 4 | mg/L | 1 | | | | | | |
| Sample ID: LCS1 | La | boratory Cor | ntrol Sample | | | Run: MANT | ECH_090527A | | 05/27 | /09 14:37 |
| Alkalinity, Total as CaCO3 | | 205 | mg/L | 5.0 | 101 | 90 | 110 | | | |
| Sample ID: LCS | La | boratory Cor | ntrol Sample | | | Run: MANT | ECH_090527A | | 05/27 | /09 14:44 |
| Alkalinity, Total as CaCO3 | | 53.4 | mg/L | 5.0 | 101 | 90 | 110 | | | |
| Sample ID: C09050746-001AMS | Sa | ample Matrix | Spike | | | Run: MANT | ECH_090527A | | 05/28 | /09 02:05 |
| Alkalinity, Total as CaCO3 | | 235 | mg/L | 5.0 | 104 | 80 | 120 | | | |
| Sample ID: C09050746-001AMSD |) Sa | ample Matrix | Spike Duplicate | | | Run: MANT | ECH_090527A | | 05/28 | /09 02:12 |
| Alkalinity, Total as CaCO3 | | 234 | mg/L | 5.0 | 103 | 80 | 120 | 0.4 | 20 | |
| Method: A2320 B | | | | | | | | | Batch: | R11882 |
| Sample ID: MBLK | <u>3</u> M | ethod Blank | | | | Run: MANT | ECH_090528A | | 05/28 | /09 11:11 |
| Alkalinity, Total as CaCO3 | | 2 | mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | | ND | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | | 3 | mg/L | 1 | | | | | | |
| Sample ID: LCS1 | La | boratory Cor | ntrol Sample | | | Run: MANT | ECH_090528A | | 05/28 | /09 11:25 |
| Alkalinity, Total as CaCO3 | | 204 | mg/L | 5.0 | 101 | 90 | 110 | | | |
| Sample ID: LCS | La | boratory Cor | ntrol Sample | | | Run: MANT | ECH_090528A | | 05/28 | /09 11:32 |
| Alkalinity, Total as CaCO3 | | 53.0 | mg/L | 5.0 | 102 | 90 | 110 | | | |
| Sample ID: C09050746-006AMS | Sa | ample Matrix | Spike | | | Run: MANT | ECH_090528A | | 05/28 | /09 12:16 |
| Alkalinity, Total as CaCO3 | | 215 | mg/L | 5.0 | 100 | 80 | 120 | | | |
| Sample ID: C09050746-006AMSE |) Sa | ample Matrix | Spike Duplicate | | | Run: MANT | ECH_090528A | | 05/28 | /09 12:23 |
| Alkalinity, Total as CaCO3 | | 216 | mg/L | 5.0 | 101 | 80 | 120 | 0.4 | 20 | |
| Sample ID: C09050746-016AMS | Sa | ample Matrix | Spike | | | Run: MANT | ECH_090528A | | 05/28 | /09 13:50 |
| Alkalinity, Total as CaCO3 | | 129 | mg/L | 5.0 | 101 | 80 | 120 | | | |
| Sample ID: C09050746-016AMSE |) Sa | ample Matrix | Spike Duplicate | | | Run: MANT | ECH_090528A | | 05/28 | /09 13:57 |
| Alkalinity, Total as CaCO3 | ٠. | 129 | mg/L | 5.0 | 101 | 80 | 120 | 0.2 | 20 | |

Qualifiers:

RL - Analyte reporting limit.



UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050746

| Analyte Cou | nt Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|---------------------|--------------------|-------|------|------------|---------------|----------|-----------|-----------|
| Method: A2510 B | | | | | | Analytica | Run: O | RION555A | _0905260 |
| Sample ID: ICV2_090526_4 | Initial Calibration | n Verification Sta | ndard | | | | | 05/26 | /09 17:04 |
| Conductivity | 1410 ι | ımhos/cm | 1.0 | 100 | 90 | 110 | | | |
| Method: A2510 B | | | | • | | Bat | ch: 0905 | 26_4_PH-\ | N_555A-2 |
| Sample ID: MBLK1_090526_4 | Method Blank | | | | Run: ORIO | N555A_090526D | | 05/26 | /09 16:59 |
| Conductivity | 1 ι | ımhos/cm | 0.2 | | | | | | |
| Sample ID: C09050746-010ADUP | Sample Duplica | ate | | | Run: ORIO | N555A_090526D | | 05/26 | /09 17:30 |
| Conductivity | 560 t | ımhos/cm | 1.0 | | | _ | 0 | 10 | |
| Method: A2540 C | · | | | | | Ba | ch: 0905 | 527_1_SLD | S-TDS-W |
| Sample ID: MBLK1_090527 | Method Blank | | | | Run: BAL-1 | _090527B | | 05/27 | /09 10:42 |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | 6 | | | | | | |
| Sample ID: LCS1_090527 | Laboratory Con | trol Sample | | | Run: BAL-1 | _090527B | | 05/27 | /09 10:42 |
| Solids, Total Dissolved TDS @ 180 C | 1010 | mg/L | 10 | 100 | 90 | 110 | | | |
| Sample ID: C09050741-001AMS | Sample Matrix | Spike | | | Run: BAL-1 | 090527B | | 05/27 | /09 10:59 |
| Solids, Total Dissolved TDS @ 180 C | 2380 | mg/L | 10 | 102 | 90 | 110 | | | |
| Sample ID: C09050741-001AMSD | Sample Matrix | Spike Duplicate | | | Run: BAL-1 | 090527B | | 05/27 | /09 10:59 |
| Solids, Total Dissolved TDS @ 180 C | 2360 | mg/L | 10 | 101 | 90 | 110 | 0.8 | 10 | |
| Sample ID: C09050749-001AMS | Sample Matrix | Spike | | | Run: BAL-1 | _090527B | | 05/27 | /09 11:14 |
| Solids, Total Dissolved TDS @ 180 C | 6950 | mg/L | 10 | 101 | 90 | 110 | | | |
| Sample ID: C09050749-001AMSD | Sample Matrix | Spike Duplicate | | | Run: BAL-1 | _090527B | | 05/27 | /09 11:14 |
| Solids, Total Dissolved TDS @ 180 C | 6950 | mg/L | 10 | 101 | 90 | 110 | 0.1 | 10 | |
| Method: A4500-F C | | | | | | | * | Batch: | R118941 |
| Sample ID: MBLK-1 | Method Blank | | | | Run: MANT | ECH_090602A | | 06/02 | /09 10:32 |
| Fluoride | ND | mg/L | 0.05 | | | | | | |
| Sample ID: LCS-1 | Laboratory Con | trol Sample | | | Run: MANT | ECH_090602A | | 06/02 | /09 10:35 |
| Fluoride | 1.00 | mg/L | 0.10 | 100 | 90 | 110 | | | |
| Sample ID: C09050746-001AMS | Sample Matrix | Spike | | | Run: MANT | ECH_090602A | | 06/02 | /09 15:12 |
| Fluoride | 1.21 | mg/L | 0.10 | 102 | 80 | 120 | | | |
| Sample ID: C09050746-001AMSD | Sample Matrix | Spike Duplicate | | | Run: MANT | ECH 090602A | | 06/02 | /09 15:15 |
| Fluoride | 1.21 | mg/L | 0.10 | 102 | 80 | 120 | 0 | 10 | |

Qualifiers:

RL - Analyte reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050746

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-------|---------------|-------------------|---------|------|-----------|---------------|----------|-------------|-----------|
| Method: A4500-F C | | | | | | · | | | Batch: | R119117 |
| Sample ID: MBLK-1 | Met | hod Blank | | | | Run: MAN1 | ECH_090604A | | 06/04 | /09 11:34 |
| Fluoride | | ND | mg/L | 0.05 | | | | | | |
| Sample ID: LCS-1 | Lab | oratory Co | ntrol Sample | | | Run: MANT | ECH_090604A | | 06/04 | /09 11:37 |
| Fluoride | | 1.00 | mg/L | 0,10 | 100 | 90 | 110 | | | |
| Sample ID: C09050746-008AMS | San | nple Matrix | Spike | | | Run: MANT | ECH_090604A | | 06/04 | /09 11:52 |
| Fluoride | | 1.14 | mg/L | 0.10 | 101 | 80 | 120 | | | |
| Sample ID: C09050746-008AMSD |) San | nple Matrix | Spike Duplicate | | | Run: MANT | ECH_090604A | | 06/04 | /09 11:57 |
| Fluoride | | 1.14 | mg/L | 0.10 | 101 | 80 | 120 | 0 | 10 | |
| Sample ID: C09050747-002AMS | San | nple Matrix | Spike | | | Run: MANT | ECH_090604A | | 06/04 | /09 12:47 |
| Fluoride | | 2.29 | mg/L | 0.10 | 98 | 80 | 120 | | | |
| Sample ID: C09050747-002AMSD |) San | nple Matrix | Spike Duplicate |) | | Run: MANT | ECH_090604A | | 06/04 | /09 12:49 |
| Fluoride | | 2.29 | mg/L | 0.10 | 98 | 80 | 120 | 0 | 10 | |
| Method: A4500-H B | | | | | | | Analytica | l Run: 0 | ORION555A | 090526 |
| Sample ID: ICV1_090526_4 | Initi | al Calibratio | on Verification S | tandard | | | | | 05/26 | /09 17:02 |
| рН | | 6.93 | s.u. | 0.010 | 101 | 98 | 102 | | | |
| Method: A4500-H B | | | · - | | | | Bat | tch: 090 |)526_4_PH-V | V_555A-2 |
| Sample ID: C09050746-010ADUP | . San | nple Duplic | ate | | | Run: ORIO | N555A_090526D | | 05/26 | /09 17:30 |
| рН | | 7.90 | s.u. | 0.010 | | | | 0.1 | 10 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050746

| Analyte | Count Result | Units | RL | %REC | Low Limit | High Limit | RPD RPDLimit | Qual |
|-----------------------------|---------------------------|--------------|-------|------|------------|------------|--------------|------------------------|
| Method: E200.7 | · | | | | | | Batch | n: R11919 |
| Sample ID: MB-090605A | 10 Method Blank | | | | Run: ICP2- | C_090605A | 06/0 | 5/09 11:5 |
| Aluminum | ND | mg/L | 0.03 | | | _ | | |
| Boron | ND | mg/L | 0.03 | | | | | |
| Calcium | ND | mg/L | 0.2 | | | | | |
| Iron | ND | mg/L | 0.005 | | | | | |
| Magnesium | ND | mg/L | 0.09 | | | | | |
| Manganese | ND | mg/L | 0.001 | | | | | |
| Potassium | ND | mg/L | 0.1 | | | | | |
| Silicon | 0.04 | mg/L | 0.01 | | | | | |
| Sodium | ND | mg/L | 0.2 | | | | | |
| Zinc | -0.0003 | mg/L | | | | | | |
| Sample ID: LFB-090605A | 10 Laboratory For | tified Blank | | | Run: ICP2- | C_090605A | 06/0 | 5/09 12:2 ⁻ |
| Aluminum | 0.936 | mg/L | 0.10 | 94 | 85 | 115 | | |
| Boron | 1.02 | mg/L | 0.10 | 102 | 85 | 115 | | |
| Calcium | 49.6 | mg/L | 0.50 | 99 | 85 | 115 | | |
| Iron | 0.966 | mg/L | 0.030 | 97 | 85 | 115 | | |
| Magnesium | 48.8 | mg/L | 0.50 | 98 | 85 | 115 | | |
| Manganese | 0.936 | mg/L | 0.010 | 94 | 85 | 115 | | |
| Potassium | 44.6 | mg/L | 0.50 | 89 | 85 | 115 | | |
| Silicon | 0.453 | mg/L | 0.015 | 103 | 85 | 115 | | |
| Sodium | 48.9 | mg/L | 0.50 | 98 | 85 | 115 | | |
| Zinc | 0.968 | mg/L | 0.010 | 97 | 85 | 115 | | |
| Sample ID: MB-22474 | 10 Method Blank | | | | Run: ICP2- | C_090605A | 06/0 | 5/09 13:13 |
| Aluminum | ND | mg/L | 0.03 | | | | | |
| Boron | ND | mg/L | 0.06 | | | | | |
| Calcium | ND | mg/L | 0.5 | | | | | |
| Iron | ND | mg/L | 0.01 | | | | | |
| Magnesium | ND | mg/L | 0.2 | | | | | |
| Manganese | ND | mg/L | 0.003 | | | | | |
| Potassium | ND | mg/L | 0.2 | | | | | |
| Silicon | ND | mg/L | 0.03 | | | | | |
| Sodium | ND | mg/L | 0.5 | | | | | |
| Zinc | ND | mg/L | 0.03 | | | | | |
| Sample ID: C09050746-006BMS | 2 <u>10</u> Sample Matrix | Spike | | | | C_090605A | 06/0 | 5/09 14:26 |
| Aluminum | 1.99 | mg/L | 0.10 | 98 | 70 | 130 | | |
| Boron | 2.12 | mg/L | 0.10 | 104 | 70 | 130 | | |
| Calcium | 149 | mg/L | 1.0 | 101 | 70 | 130 | | |
| Iron | 1.96 | mg/L | 0.030 | 96 | 70 | 130 | | |
| Magnesium | 101 | mg/L | 1.0 | 97 | 70 | 130 | | |
| Manganese | 2.01 | mg/L | 0.010 | 98 | 70 | 130 | | |
| Potassium | 93.4 | mg/L | 1.0 | 89 | 70 | 130 | | |
| Silicon | 8.62 | mg/L | 0.10 | | 70 | 130 | | Α |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050746

| Analyte | Count Rest | ult Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------------|-------------------|-------|------|------------|------------|--------|----------|-----------|
| Method: E200.7 | | | | | · · | | ······ | Batch: | R11919 |
| Sample ID: C09050746-006BMS2 | 10 Sample M | atrix Spike | | | Run: ICP2- | C_090605A | | 06/05 | /09 14:26 |
| Sodium | | 26 mg/L | 1.0 | 99 | 70 | 130 | | | |
| Zinc | 1. | 99 mg/L | 0.027 | 98 | 70 | 130 | | | |
| Sample ID: C09050746-006BMS | 2 10 Sample M | atrix Spike Dupli | icate | | Run: ICP2- | C_090605A | | 06/05 | /09 14:30 |
| Aluminum | 1. | 98 mg/L | 0.10 | 97 | 70 | 130 | 0.4 | 20 | |
| Boron | 2. | 09 mg/L | 0.10 | 102 | 70 | 130 | 1.4 | 20 | |
| Calcium | 1 | 47 mg/L | 1.0 | 99 | 70 | 130 | 1.2 | 20 | |
| Iron | 1. | 93 mg/L | 0.030 | 95 | 70 | 130 | 1.5 | 20 | |
| Magnesium | 1 | 03 mg/L | 1.0 | 99 | 70 | 130 | 1.4 | 20 | |
| Manganese | 1. | 96 mg/L | 0.010 | 96 | 70 | 130 | 2.6 | 20 | |
| Potassium | 94 | 1.5 mg/L | 1.0 | 90 | 70 | 130 | 1.2 | 20 | |
| Silicon | 8. | 52 mg/L | 0.10 | | 70 | 130 | 1.1 | 20 | Α |
| Sodium | 1 | 27 mg/L | 1.0 | 100 | 70 | 130 | 1 | 20 | |
| Zinc | 2. | 00 mg/L | 0.027 | 98 | 70 | 130 | 0.6 | 20 | |
| Sample ID: C09050746-016BMS2 | 2 10 Sample M | atrix Spike | | | Run: ICP2- | C_090605A | | 06/05 | /09 16:19 |
| Aluminum | 1. | 98 mg/L | 0.10 | 97 | 70 | 130 | | | |
| Boron | 2. | 11 mg/L | 0.10 | 103 | 70 | 130 | | | |
| Calcium | 1 | 02 mg/L | 1.0 | 100 | 70 | 130 | | | |
| Iron | 1. | 98 mg/L | 0.030 | 97 | 70 | 130 | | | |
| Magnesium | 1 | 01 mg/L | 1.0 | 99 | 70 | 130 | | | |
| Manganese | 1. | 98 mg/L | 0.010 | 97 | 70 | 130 | | | |
| Potassium | 93 | 3.2 mg/L | 1.0 | 91 | 70 | 130 | | | |
| Silicon | 0.9 | 64 mg/L | 0.10 | 118 | 70 | 130 | | | |
| Sodium | 1 | 02 mg/L | 1.0 | 100 | 70 | 130 | | | |
| Zinc | 1. | 85 mg/L | 0.027 | 91 | 70 | 130 | | | |
| Sample ID: C09050746-016BMSI | D 10 Sample M | atrix Spike Dupli | icate | | Run: ICP2- | C_090605A | | 06/05 | /09 16:23 |
| Aluminum | 1. | 98 mg/L | 0.10 | 97 | 70 | 130 | 0 | 20 | |
| Boron | 2. | 12 mg/L | 0.10 | 104 | 70 | 130 | 0.6 | 20 | |
| Calcium | 1 | 03 mg/L | 1.0 | 101 | 70 | 130 | 0.8 | 20 | |
| Iron | 1. | 98 mg/L | 0.030 | 97 | 70 | 130 | 0 | 20 | |
| Magnesium | 1 | 02 mg/L | 1.0 | 100 | 70 | 130 | 1.4 | 20 | |
| Manganese | 1. | 99 mg/L | 0.010 | 98 | 70 | 130 | 0.3 | 20 | |
| Potassium | 92 | 2.5 mg/L | 1.0 | 91 | 70 | 130 | 0.7 | 20 | |
| Silicon | 0.9 | 81 mg/L | 0.10 | 120 | 70 | 130 | 1.7 | 20 | |
| Sodium | 1 | 01 mg/L | 1.0 | 99 | 70 | 130 | 1.5 | 20 | |
| Zinc | 1. | 84 mg/L | 0.027 | 90 | 70 | 130 | 0.7 | 20 | |
| Sample ID: C09050746-001CMS2 | 2 <u>10</u> Sample M | atrix Spike | | | Run: ICP2- | C_090605A | | 06/05 | /09 18:00 |
| Aluminum | 1. | 84 mg/L | 0.16 | 90 | 70 | 130 | | | |
| Boron | 2. | 16 mg/L | 0.10 | 104 | 70 | 130 | | | |
| Calcium | 1 | 66 mg/L | 1.0 | 101 | 70 | 130 | | | |
| Iron | 2. | 02 mg/L | 0.067 | 99 | 70 | 130 | | | |
| Magnesium | 1 | 04 mg/L | 1.0 | 99 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



Client: UR Energy USA Inc

Report Date: 07/11/09

Project: Lost Creek

Work Order: C09050746

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|-------------|-----------------|-------|------|------------|------------|-----|----------|-----------|
| Method: E200.7 | | | | | | | | | Batch: | R119195 |
| Sample ID: C09050746-001CMS2 | 2 <u>10</u> Sa | mple Matrix | Spike | | | Run: ICP2- | C_090605A | | 06/05/ | /09 18:00 |
| Manganese | | 2.01 | mg/L | 0.014 | 98 | 70 | 130 | | | |
| Potassium | | 94.6 | mg/L | 1.0 | 91 | 70 | 130 | | | |
| Silicon | | 8.30 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | | 135 | mg/L | 2.2 | 102 | 70 | 130 | | | |
| Zinc | | 2.04 | mg/L | 0.010 | 100 | 70 | 130 | | | |
| Sample ID: C09050746-001CMSI |) <u>10</u> Sa | mple Matrix | Spike Duplicate | | | Run; ICP2- | C_090605A | | 06/05/ | /09 18:04 |
| Aluminum | | 1.84 | mg/L | 0.16 | 90 | 70 | 130 | 0.2 | 20 | |
| Boron | | 2.17 | mg/L | 0.10 | 104 | 70 | 130 | 0.3 | 20 | |
| Calcium | | 164 | mg/L | 1.0 | 99 | 70 | 130 | 1.1 | 20 | |
| Iron | | 2.01 | mg/L | 0.067 | 99 | 70 | 130 | 0.2 | 20 | |
| Magnesium | | 103 | mg/L | 1.0 | 98 | 70 | 130 | 1.2 | 20 | |
| Manganese | | 2.02 | mg/L | 0.014 | 99 | 70 | 130 | 0.5 | 20 | |
| Potassium | | 93.6 | mg/L | 1.0 | 90 | 70 | 130 | 1 | 20 | |
| Silicon | | 8.22 | mg/L | 0.10 | | 70 | 130 | 1 | 20 | Α |
| Sodium | | 134 | mg/L | 2.2 | 101 | 70 | 130 | 1.1 | 20 | |
| Zinc | | 1.95 | mg/L | 0.010 | 96 | 70 | 130 | 4.5 | 20 | |
| Sample ID: C09050746-012CMS2 | 2 <u>10</u> Sa | mple Matrix | Spike | | | Run: ICP2- | C_090605A | | 06/05/ | /09 19:04 |
| Aluminum | | 1.86 | mg/L | 0.16 | 91 | 70 | 130 | | | |
| Boron | | 2.14 | mg/L | 0.10 | 105 | 70 | 130 | | | |
| Calcium | | 187 | mg/L | 1.0 | 103 | 70 | 130 | | | |
| Iron | | 2.02 | mg/L | 0.067 | 99 | 70 | 130 | | | |
| Magnesium | | 105 | mg/L | 1.0 | 99 | 70 | 130 | | | |
| Manganese | | 2.01 | mg/L | 0.014 | 98 | 70 | 130 | | | |
| Potassium | | 93.9 | mg/L | 1.0 | 89 | 70 | 130 | | | |
| Silicon | | 8.33 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | | 133 | mg/L | 2.2 | 101 | 70 | 130 | | | |
| Zinc | | 2.04 | mg/L | 0.010 | 100 | 70 | 130 | | | |
| Sample ID: C09050746-012CMS |) <u>10</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP2- | C_090605A | | 06/05/ | 09 19:08 |
| Aluminum | | 1.83 | mg/L | 0.16 | 90 | 70 | 130 | 1.3 | 20 | |
| Boron | | 2.13 | mg/L | 0.10 | 105 | 70 | 130 | 0.3 | 20 | |
| Calcium | | 186 | mg/L | 1.0 | 103 | 70 | 130 | 0.3 | 20 | |
| iron | | 2.01 | mg/L | 0.067 | 99 | 70 | 130 | 0.2 | 20 | |
| Magnesium | | 104 | mg/L | 1.0 | 98 | 70 | 130 | 1 | 20 | |
| Manganese | | 2.01 | mg/L | 0.014 | 99 | 70 | 130 | 0.1 | 20 | |
| Potassium | | 93.5 | mg/L | 1.0 | 89 | 70 | 130 | 0.5 | 20 | |
| Silicon | | 8.36 | mg/L | 0.10 | | 70 | 130 | 0.5 | 20 | Α |
| Sodium | | 134 | mg/L | 2.2 | 101 | 70 | 130 | 0.2 | 20 | |
| Zinc | | 1.91 | mg/L | 0.010 | 94 | 70 | 130 | 6.6 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050746

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|------------|----------------|-----------------|-------|------|-----------|--------------|-----|----------|-----------|
| Method: E200.8 | | _ | <u> </u> | | | | | | Bat | ch: 22525 |
| Sample ID: MB-22525 | <u>2</u> N | Method Blank | | | | Run: ICPM | S4-C_090605A | | 06/05 | /09 21:29 |
| Iron | | 0.005 | mg/L | 0.002 | | | | | | |
| Manganese | | 0.0001 | mg/L | 4E-05 | | | | | | |
| Sample ID: LCS3-22525 | <u>2</u> L | _aboratory Con | itrol Sample | | | Run: ICPM | S4-C_090605A | | 06/05 | /09 21:35 |
| Iron | | 2.52 | mg/L | 0.030 | 101 | 85 | 115 | | | |
| Manganese | | 2.53 | mg/L | 0.010 | 101 | 85 | 115 | | | |
| Sample ID: C09050827-003CMS: | 3 2 5 | Sample Matrix | Spike | | | Run: ICPM | S4-C_090605A | | 06/05 | /09 22:57 |
| Iron | _ | 2.90 | mg/L | 0.030 | 100 | 70 | 130 | | | |
| Manganese | | 2.95 | mg/L | 0.010 | 101 | 70 | 130 | | | |
| Sample ID: C09050827-003CMSI | D 2 S | Sample Matrix | Spike Duplicate | | | Run: ICPM | S4-C_090605A | | 06/05 | /09 23:04 |
| Iron | _ | 2.86 | mg/L | 0.030 | 98 | 70 | 130 | 1.3 | 20 | |
| Manganese | | 2.92 | mg/L | 0.010 | 100 | 70 | 130 | 1 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050746

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High | Limit | RPD | RPDLImit | Qual |
|---------------------|--------------|--------------|--------------|---------|------|------------|---------|--------|-----|----------|------------|
| Method: E200.8 | | - | <u> </u> | | | | - | | | Batch: | R11871 |
| Sample ID: LRB | <u>13</u> Me | thod Blank | | | | Run: ICPMS | \$2-C_0 | 90527A | | 05/27 | /09 15:36 |
| Arsenic | | ND | mg/L | 0.0003 | | | | | | | |
| Barium | | ND | mg/L | 3E-05 | | | | | | | |
| Cadmium | | ND | mg/L | 6E-05 | | | | | | | |
| Chromium | | ND | mg/L | 8E-05 | | | | | | | |
| Copper | | ND | mg/L | 4E-05 | | | | | | | |
| Lead | | ND | mg/L | 2E-05 | | | | | | | |
| Manganese | | ND | mg/L | 5E-05 | | | | | | | |
| Mercury | | ND | mg/L | 4E-05 | | | | | | | |
| Molybdenum | | ND | mg/L | 4E-05 | | | | | | | |
| Nickel | | ND | mg/L | 9E-05 | | | | | | | |
| Selenium | | ND | mg/L | 0.001 | | | | | | | |
| Uranium | | ND | mg/L | 8E-06 | | | | | | | |
| Vanadium | | ND | mg/L | 9E-05 | | | | | | | |
| Sample ID: LFB | <u>13</u> La | poratory For | tified Blank | | | Run: ICPM | S2-C_0 | 90527A | | 05/27 | 7/09 15:54 |
| Arsenic | | 0.0510 | mg/L | 0.0010 | 102 | 85 | | 115 | | | |
| Barium | | 0.0513 | mg/L | 0.0010 | 103 | 85 | | 115 | | | |
| Cadmium | | 0.0510 | mg/L | 0.0010 | 102 | 85 | | 115 | | | |
| Chromium | | 0.0498 | mg/L | 0.0010 | 100 | 85 | | 115 | | | |
| Copper | | 0.0483 | mg/L | 0.0010 | 97 | 85 | | 115 | | | |
| Lead | | 0.0503 | mg/L | 0.0010 | 101 | 85 | | 115 | | | |
| Manganese | | 0.0502 | mg/L | 0.0010 | 100 | 85 | | 115 | | | |
| Mercury | | 0.00521 | mg/L | 0.0010 | 104 | 85 | | 115 | | | |
| Molybdenum | | 0.0526 | mg/L | 0.0010 | 105 | 85 | | 115 | | | |
| Nickel | | 0.0485 | mg/L | 0.0010 | 97 | 85 | | 115 | | | |
| Selenium | | 0.0507 | mg/L | 0.0014 | 101 | | | 115 | | | |
| Uranium | | 0.0522 | mg/L | 0.00030 | 104 | | | 115 | | | |
| Vanadium | | 0.0504 | mg/L | 0.0010 | 101 | 85 | | 115 | | | |
| Sample ID: MB-22474 | <u>13</u> Me | thod Blank | | | | Run: ICPM | S2-C_0 | 90527A | | 05/28 | 3/09 01:14 |
| Arsenic | | 0.0001 | mg/L | 6E-05 | | | | | | | |
| Barium | | 0.0003 | mg/L | 3E-05 | | | | | | | |
| Cadmium | | ND | mg/L | 1E-05 | | | | | | | |
| Chromium | | 0.0002 | mg/L | 4E-05 | | | | | | | |
| Copper | | 0.0002 | mg/L | 7E-05 | | | | | | | |
| Lead | | ND | mg/L | 3E-05 | | | | | | | |
| Manganese | | 0.0001 | mg/L | 5E-05 | | | | | | | |
| Mercury | | ND | mg/L | 8E-05 | | | | | | | |
| Molybdenum | | 0.002 | mg/L | 5E-05 | | | | | | | |
| Nickel | | ND | mg/L | 0.0007 | | | | | | | |
| Selenium | | ND | mg/L | 0.0002 | | | | | | | |
| Uranium | | 0.0001 | mg/L | 1E-05 | | | | | | | |
| Vanadium | | 6E-05 | mg/L | 3E-05 | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050746

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|-------------|---------------|---------|------|------------|--------------|-----|----------|------------|
| Method: E200.8 | | | | | | | | | Batch: | R118718 |
| Sample ID: C09050746-001BMS4 | 13 Sa | mple Matrix | Spike | | | Run: ICPMS | S2-C_090527A | | 05/28 | /09 02:22 |
| Arsenic | | 0.0520 | mg/L | 0.0010 | 102 | 70 | 130 | | | |
| Barium | | 0.0693 | mg/L | 0.0010 | 102 | 70 | 130 | | | |
| Cadmium | | 0.0501 | mg/L | 0.010 | 100 | 70 | 130 | | | |
| Chromium | | 0.0479 | mg/L | 0.0010 | 95 | 70 | 130 | | | |
| Соррег | | 0.0489 | mg/L | 0.010 | 98 | 70 | 130 | | | |
| Lead | | 0.0492 | mg/L | 0.0010 | 98 | 70 | 130 | | | |
| Manganese | | 0.0502 | mg/L | 0.010 | 94 | 70 | 130 | | | |
| Mercury | | 0.00498 | mg/L | 0.0010 | 100 | 70 | 130 | | | |
| Molybdenum | | 0.0519 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Nickel | | 0.0487 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Selenium | | 0.0645 | mg/L | 0.0010 | 100 | 70 | 130 | | | |
| Uranium | | 0.374 | mg/L | 0.00030 | | 70 | 130 | | | Α |
| Vanadium | | 0.0488 | mg/L | 0.0010 | 96 | 70 | 130 | | | |
| Sample ID: C09050746-001BMSI | D <u>13</u> Sa | mple Matrix | Spike Duplica | te | | Run: ICPM | S2-C_090527A | | | /09 02:29 |
| Arsenic | | 0.0527 | mg/L | 0.0010 | 103 | 70 | 130 | 1.2 | 20 | |
| Barium | | 0.0696 | mg/L | 0.0010 | 103 | 70 | 130 | 0.3 | 20 | |
| Cadmium | | 0.0508 | mg/L | 0.010 | 102 | 70 | 130 | 1.4 | 20 | |
| Chromium | | 0.0487 | mg/L | 0.0010 | 97 | 70 | 130 | 1,6 | 20 | |
| Copper | | 0.0493 | mg/L | 0.010 | 98 | 70 | 130 | 0.7 | 20 | |
| Lead | | 0.0494 | mg/L | 0.0010 | 99 | 70 | 130 | 0.3 | 20 | |
| Manganese | | 0.0510 | mg/L | 0.010 | 96 | 70 | 130 | 1.4 | 20 | |
| Mercury | | 0.00506 | mg/L | 0.0010 | 101 | 70 | 130 | 1.5 | 20 | |
| Molybdenum | | 0.0527 | mg/L | 0.0010 | 103 | 70 | 130 | 1.6 | 20 | |
| Nickel | | 0.0492 | mg/L | 0.0010 | 98 | 70 | 130 | 1 | 20 | |
| Selenium | | 0.0649 | mg/L | 0.0010 | 100 | 70 | 130 | 0.6 | 20 | |
| Uranium | | 0.379 | mg/L | 0.00030 | | 70 | 130 | 1.3 | 20 | Α |
| Vanadium | | 0.0497 | mg/L | 0.0010 | 98 | 70 | 130 | 1.9 | 20 | |
| Sample ID: C09050746-011BMS | 4 <u>13</u> Sa | mple Matrix | Spike | | | Run: ICPM | S2-C_090527A | | 05/28 | 1/09 05:45 |
| Arsenic | | 0.0511 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Barium | | 0.0851 | mg/L | 0.0010 | 96 | 70 | 130 | | | |
| Cadmium | | 0.0475 | mg/L | 0.010 | 95 | 70 | 130 | | | |
| Chromium | | 0.0463 | mg/L | 0.0010 | 93 | 70 | 130 | | | |
| Copper | | 0.0467 | mg/L | 0.010 | 93 | 70 | 130 | | | |
| Lead | | 0.0468 | mg/L | 0.0010 | 94 | | 130 | | | |
| Manganese | | 0.0498 | mg/L | 0.010 | 90 | 70 | 130 | | | |
| Mercury | | 0.00473 | mg/L | 0.0010 | 95 | 70 | 130 | | | |
| Molybdenum | | 0.0491 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Nickel | | 0.0463 | mg/L | 0.0010 | 93 | 70 | 130 | | | |
| Selenium | | 0.0473 | mg/L | 0.0010 | 94 | 70 | 130 | | | |
| Uranium | | 0.0575 | mg/L | 0.00030 | 100 | 70 | 130 | | | |
| Vanadium | | 0.0468 | mg/L | 0.0010 | 93 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050746

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|--------------|-----------------|---------|------|------------|--------------|-----|----------|------------|
| Method: E200.8 | | | | | | | <u></u> | ••• | Batch: | R118718 |
| Sample ID: C09050746-011BMSD | 13 Sa | mple Matrix | Spike Duplicate | | | Run: ICPMS | S2-C_090527A | | 05/28 | /09 05:52 |
| Arsenic | | 0.0516 | mg/L | 0.0010 | 98 | 70 | 130 | 0.9 | 20 | |
| Barium | | 0.0867 | mg/L | 0.0010 | 99 | 70 | 130 | 1.9 | 20 | |
| Cadmium | | 0.0481 | mg/L | 0.010 | 96 | 70 | 130 | 1.3 | 20 | |
| Chromium | | 0.0469 | mg/L | 0.0010 | 94 | 70 | 130 | 1.4 | 20 | |
| Copper | | 0.0471 | mg/L | 0.010 | 94 | 70 | 130 | 0.7 | 20 | |
| Lead | | 0.0474 | mg/L | 0.0010 | 95 | 70 | 130 | 1.3 | 20 | |
| Manganese | | 0.0508 | mg/L | 0.010 | 92 | 70 | 130 | 2 | 20 | |
| Mercury | | 0.00482 | mg/L | 0.0010 | 96 | 70 | 130 | 2 | 20 | |
| Molybdenum | | 0.0497 | mg/L | 0.0010 | 98 | 70 | 130 | 1.2 | 20 | |
| Nickel | | 0.0467 | mg/L | 0.0010 | 93 | 70 | 130 | 8.0 | 20 | |
| Selenium | | 0.0485 | mg/L | 0.0010 | 96 | 70 | 130 | 2.3 | 20 | |
| Uranium | | 0.0582 | mg/L | 0.00030 | 101 | 70 | 130 | 1.2 | 20 | |
| Vanadium | | 0.0478 | mg/L | 0.0010 | 95 | 70 | 130 | 2.1 | 20 | |
| Sample ID: C09050746-016BMS4 | 1 <u>3</u> Sa | mple Matrix | Spike | | | Run: ICPM | S2-C_090527A | | 05/28 | /09 06:33 |
| Arsenic | | 0.0488 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Barium | | 0.0488 | mg/L | 0.010 | 97 | 70 | 130 | | | |
| Cadmium | | 0.0485 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Chromium | | 0.0475 | mg/L | 0.010 | 95 | 70 | 130 | | | |
| Copper | | 0.0492 | mg/L | 0.0010 | 98 | 70 | 130 | | | |
| Lead | | 0.0471 | mg/L | 0.010 | 94 | 70 | 130 | | | |
| Manganese | | 0.0475 | mg/L | 0.0010 | 94 | 70 | 130 | | | |
| Mercury | | 0.00472 | mg/L | 0.0010 | 94 | 70 | 130 | | | |
| Molybdenum | | 0.0481 | mg/L | 0.0010 | 96 | 70 | 130 | | | |
| Nickel | | 0.0489 | mg/L | 0.0010 | 98 | 70 | 130 | | | |
| Selenium | | 0.0496 | mg/L | 0.010 | 98 | 70 | 130 | | | |
| Uranium | | 0.0487 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Vanadium | | 0.0467 | mg/L | 0.0010 | 93 | 70 | 130 | | | |
| Sample ID: C09050746-016BMS | D <u>13</u> Sa | ımple Matrix | Spike Duplicate | • | | Run: ICPM | S2-C_090527A | | | 3/09 07:07 |
| Arsenic | | 0.0487 | mg/L | 0.0010 | 97 | | 130 | 0.2 | | |
| Barium | | 0.0484 | mg/L | 0.010 | 96 | | 130 | 8.0 | | |
| Cadmium | | 0.0476 | mg/L | 0.0010 | 95 | | 130 | 1.9 | | |
| Chromium | | 0.0480 | mg/L | 0.010 | 96 | | 130 | 0.9 | | |
| Copper | | 0.0487 | mg/L | 0.0010 | 97 | 70 | 130 | 1 | | |
| Lead | | 0.0471 | mg/L | 0.010 | 94 | | 130 | 0.2 | | |
| Manganese | | 0.0478 | mg/L | 0.0010 | 94 | | 130 | 0.6 | | |
| Mercury | | 0.00475 | mg/L | 0.0010 | 95 | | 130 | 0.5 | | |
| Molybdenum | | 0.0471 | mg/L | 0.0010 | 94 | | 130 | 2.1 | | |
| Nickel | | 0.0482 | mg/L | 0.0010 | | | 130 | 1.4 | | |
| Selenium | | 0.0495 | mg/L | 0.010 | 98 | | | 0.1 | | |
| Uranium | | 0.0485 | mg/L | 0.0010 | | | | 0.5 | | |
| Vanadium | | 0.0473 | mg/L | 0.0010 | 95 | 70 | 130 | 1.2 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050746

| Analyte | | Count | t Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|-------------------|------------|-----------------|-----------------|--------|------|------------|--------------|-----|----------|------------------|
| Method: | E200.8 | • | | ·-· | | | | | | Batch: | R11945 |
| Sample ID: | LRB | | Method Blank | | | | Run: ICPM | S2-C_090611A | | 06/11/0 | 09 12:0 |
| Zinc | | | 0.0009 | mg/L | 6E-05 | | | | | | |
| Sample ID: | LFB | | Laboratory Fort | tified Blank | | | Run: ICPM | S2-C_090611A | | 06/11/0 | 09 12:12 |
| Zinc | | | 0.0522 | mg/L | 0.0010 | 103 | 85 | 115 | | | |
| Sample ID: | C09060371-001BMS4 | ļ | Sample Matrix | Spike | | | Run: ICPM | S2-C_090611A | | 06/11/0 | 09 15:3 |
| Zinc | | | 0.057 | mg/L | 0.010 | 110 | 70 | 130 | | | |
| Sample ID: | C09060371-001BMSE |) | Sample Matrix | Spike Duplicate | | | Run: ICPM | S2-C_090611A | | | 09 15:4 |
| Zinc | | | 0.057 | mg/L | 0.010 | 109 | 70 | 130 | 1.2 | 20 | |
| Sample ID: | MB-22474 | | Method Blank | | | | Run: ICPM | S2-C_090611A | | 06/11/0 | 09 15:54 |
| Zinc | | | 0.0010 | mg/L | 0.0003 | | | | | | |
| Method: | E300.0 | | | | | | | | | Batch: | R11929 |
| Sample ID: | LCS | <u>2</u> | Laboratory Cor | ntrol Sample | | | Run: IC1-C | _090605A | | 06/05/ | 09 19:10 |
| Chloride | | | 9.63 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sulfate | | | 38.9 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sample ID: | MBLK | 2 | Method Blank | | | | Run: IC1-C | _090605A | | 06/05/ | 09 19:3 |
| Chloride | | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: | C09050746-004AMS | <u>2</u> | Sample Matrix | Spike | | | Run: IC1-C | _090605A | | 06/06/ | 09 05:4 |
| Chloride | | | 25.8 | mg/L | 1.0 | 100 | 90 | 110 | | | |
| Sulfate | | | 250 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sample ID: | C09050746-004AMSI | D <u>2</u> | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090605A | | | 09 06:0 |
| Chloride | | | 26.0 | mg/L | 1.0 | 101 | 90 | 110 | 0.7 | 20 | |
| Sulfate | | | 250 | mg/L | 1.0 | 97 | 90 | 110 | 0.2 | 20 | |
| Sample ID: | C09050746-014AMS | 2 | Sample Matrix | Spike | | | Run: IC1-C | _090605A | | 06/06/ | 09 09:2 |
| Chloride | | | 23.7 | mg/L | 1.0 | 99 | 90 | 110 | | | |
| Sulfate | | | 176 | mg/L | 1.0 | 102 | 90 | 110 | | | |
| Sample ID: | C09050746-014AMSI | D <u>2</u> | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090605A | | 06/06/ | 09 09:3 |
| Chloride | | | 23.8 | mg/L | 1.0 | 100 | 90 | 110 | 0.4 | 20 | |
| Sulfate | | | 176 | mg/L | 1.0 | 103 | 90 | 110 | 0.1 | 20 | |
| Sample ID: | C09050789-006AMS | <u>2</u> | Sample Matrix | Spike | | | Run: IC1-C | | | 06/06/ | 09 11:5 |
| Chloride | | | 397 | mg/L | 1.0 | 97 | | 110 | | | |
| Sulfate | | | 553 | mg/L | 1.2 | 103 | 90 | 110 | | | |
| Sample ID: | C09050789-006AMS | D <u>2</u> | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090605A | | 06/06/ | ′09 12 :1 |
| Chloride | | | 400 | mg/L | 1.0 | 100 | 90 | 110 | 0.8 | 20 | |
| Sulfate | | | 558 | mg/L | 1.2 | 104 | 90 | 110 | 0.9 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc.

Project: Lost Creek

Report Date: 07/11/09 Work Order: C09050746

RL %REC Low Limit High Limit RPD RPDLimit Qual Units Analyte Count Result Batch: B R130132 Method: E350.1 05/28/09 10:40 Sample ID: MBLK Method Blank Run: SUB-B130132 ND mg/L 0.02 Nitrogen, Ammonia as N Laboratory Fortified Blank Run: SUB-B130132 05/28/09 10:41 Sample ID: LFB 90 110 Nitrogen, Ammonia as N 1.02 mg/L 0.10 104 05/28/09 12:41 Run: SUB-B130132 Sample ID: C09050789-004D Sample Matrix Spike 0.939 0.050 94 90 110 Nitrogen, Ammonia as N mg/L Run: SUB-B130132 05/28/09 12:42 Sample ID: C09050789-004D Sample Matrix Spike Duplicate 10 0.937 mg/L 0.050 94 90 110 0.2 Nitrogen, Ammonia as N Sample ID: C09050746-007E Run: SUB-B130132 05/28/09 11:30 Sample Matrix Spike S Nitrogen, Ammonia as N 0.717 mg/L 0.050 <u>72</u> 90 110 05/28/09 11:31 Sample ID: C09050746-007E Run: SUB-B130132 Sample Matrix Spike Duplicate S 110 1.5 10 0.050 90 Nitrogen, Ammonia as N 0.706 mg/L <u>71</u> Batch: B_R130135 Method: E353.2 Run: SUB-B130135 05/28/09 12:17 Sample ID: MBLK Method Blank 0.002 Nitrogen, Nitrate+Nitrite as N ND mg/L 05/28/09 12:18 Sample ID: LFB Laboratory Fortified Blank Run: SUB-B130135 0.050 99 90 110 0.974 Nitrogen, Nitrate+Nitrite as N mg/L 05/28/09 14:47 Sample ID: C09050746-003E Sample Matrix Spike Run: SUB-B130135 S 0.050 90 110 1.00 mg/L <u>82</u> Nitrogen, Nitrate+Nitrite as N 05/28/09 14:48 Run: SUB-B130135 Sample ID: C09050746-003E Sample Matrix Spike Duplicate 10 S 0.050 90 110 0.7 Nitrogen, Nitrate+Nitrite as N 1.01 mg/L 82 05/29/09 13:00 Run: SUB-B130135 Sample ID: B09052268-005DMS Sample Matrix Spike S 0.819 0.050 <u>80</u> 90 110 Nitrogen, Nitrate+Nitrite as N mg/L Sample ID: B09052268-005DMSD Run: SUB-B130135 05/29/09 13:01 Sample Matrix Spike Duplicate 10 SR 90 0.709 mg/L 0.050 <u>69</u> 110 <u>14</u> Nitrogen, Nitrate+Nitrite as N

Qualifiers:

RL - Analyte reporting limit. MDC - Minimum detectable concentration

S - Spike recovery outside of advisory limits.

ND - Not detected at the reporting limit.

R - RPD exceeds advisory limit.



Client: UR Energy USA Inc.

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050746

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLImit | Qual |
|--------------------------------|-------------|-------------|-----------------|-------|-----------|------------|----------------|----------|----------|------------|
| Method: E353.2 | - | | | • | | | | | Batch: B | _R130224 |
| Sample ID: MBLK | Me | thod Blank | | | | Run: SUB-E | 3130224 | | 05/29 | /09 11:10 |
| Nitrogen, Nitrate+Nitrite as N | | ND | mg/L | 0.002 | | | | | | |
| Sample ID: LFB | Lat | oratory For | tified Blank | | | Run: SUB-E | 3130224 | | 05/29 | /09 11:11 |
| Nitrogen, Nitrate+Nitrite as N | | 0.988 | mg/L | 0.050 | 101 | 90 | 110 | | | |
| Sample ID: C09050746-016E | Sar | mple Matrix | Spike | | | Run: SUB-E | 3130224 | | 05/29 | /09 11:17 |
| Nitrogen, Nitrate+Nitrite as N | | 0.992 | mg/L | 0.050 | 101 | 90 | 110 | | | |
| Sample ID: C09050746-016E | Sar | mple Matrix | Spike Duplicate | | | Run: SUB-E | 3130224 | | 05/29 | /09 11:18 |
| Nitrogen, Nitrate+Nitrite as N | | 0.989 | mg/L | 0.050 | 100 | 90 | 110 | 0.3 | 10 | |
| Sample ID: C09050748-002D | Sar | mple Matrix | Spike | | | Run: SUB-E | 3130224 | | 05/29 | /09 11:34 |
| Nitrogen, Nitrate+Nitrite as N | | 0.840 | mg/L | 0.050 | <u>84</u> | 90 | 110 | | | S |
| Sample ID: C09050748-002D | Sar | mple Matrix | Spike Duplicate | | | Run: SUB-E | 3130224 | | 05/29 | 9/09 11:35 |
| Nitrogen, Nitrate+Nitrite as N | | 0.839 | mg/L | 0.050 | <u>84</u> | 90 | 110 | 0.1 | 10 | S |
| Method: E900.0 | | | | | | | · '- | | Batch: C | 3rAB-0671 |
| Sample ID: MB-GrAB-0671 | 6 Me | thod Blank | | | | Run: TENN | ELEC-3_090611A | | 06/13 | 3/09 11:45 |
| Gross Alpha | | 1 | pCi/L | | | | | | | |
| Gross Alpha precision (±) | | 0.6 | pCi/L | | | | | | | |
| Gross Alpha MDC | | 0.5 | pCi/L | | | | | | | |
| Gross Beta | | -2 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | | 2 | pCi/L | | | | | | | |
| Gross Beta MDC | | 2 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0671 | Lat | oratory Cor | ntrol Sample | | | Run: TENN | ELEC-3_090611A | A | 06/13 | 3/09 11:46 |
| Gross Alpha | | 130 | pCi/L | | 95 | 70 | 130 | | | |
| Sample ID: Cs137-GrAB-0671 | Lat | oratory Cor | ntrol Sample | | | Run: TENN | ELEC-3_090611# | λ. | 06/13 | 3/09 11:45 |
| Gross Beta | | 92 | pCi/L | | 103 | 70 | 130 | | | |
| Sample ID: C09050767-006AMS | Sai | mple Matrix | Spike | | | Run: TENN | ELEC-3_090611A | A. | 06/18 | 3/09 03:46 |
| Gross Alpha | | 341 | pCi/L | | 95 | 70 | 130 | | | |
| Sample ID: C09050767-006AMSI |) Sa | mple Matrix | Spike Duplicate | | | Run: TENN | ELEC-3_090611/ | 4 | | 3/09 03:46 |
| Gross Alpha | | 359 | pCi/L | | 100 | 70 | 130 | 5.3 | 18.3 | |
| Sample ID: C09050767-006AMS | Sa | mple Matrix | Spike | | | Run: TENN | ELEC-3_090611A | 4 | 06/18 | 3/09 03:46 |
| Gross Beta | | 246 | pCi/L | | 89 | 70 | 130 | | | |
| Sample ID: C09050767-006AMSI |) Sa | mple Matrix | Spike Duplicate | | | Run: TENN | ELEC-3_090611A | Ą | 06/18 | 3/09 03:46 |
| Gross Beta | | 238 | pCi/L | | 86 | 70 | 130 | 3 | 16.2 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050746

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit ` | RPD | RPDLimit | Qual |
|------------------------------|--------------|-------------|-----------------|----|------|------------|--------------|-------|-----------|-----------|
| Method: E900.0 | | - 0- | | | _ | | | | Batch: G | GrAB-0672 |
| Sample ID: MB-GrAB-0672 | <u>6</u> Met | thod Blank | | | | Run: G5000 | OW_090615A | | 06/18 | /09 11:09 |
| Gross Alpha | | -0.3 | pCi/L | | | | | | | U |
| Gross Alpha precision (±) | | 0.6 | pCi/L | | | | | | | |
| Gross Alpha MDC | | 0.7 | pCi/L | | | | | | | |
| Gross Beta | | 0.04 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | | 1 | pCi/L | | | | | | | |
| Gross Beta MDC | | 1 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0672 | Lab | oratory Cor | ntrol Sample | | | Run: G5000 | OW_090615A | | 06/18 | /09 11:09 |
| Gross Alpha | | 140 | pCi/L | | 100 | 70 | 130 | | | |
| Sample ID: Cs137-GrAB-0672 | Lab | oratory Cor | ntrol Sample | | | Run: G5000 | | 06/18 | /09 11:10 | |
| Gross Beta | | 89 | pCi/L | | 97 | 70 | 130 | | | |
| Sample ID: C09050768-001AMS | Sar | mple Matrix | Spike | | | Run: G5000 | 0W_090615A | | 06/19 | /09 03:06 |
| Gross Alpha | | 102 | pCi/L | | 73 | 70 | 130 | | | |
| Sample ID: C09050768-001AMSE |) Sar | mple Matrix | Spike Duplicate | | | Run: G5000 | 0W_090615A | | 06/19 | /09 03:06 |
| Gross Alpha | | 117 | pCi/L | | 85 | 70 | 130 | 14 | 18.2 | |
| Sample ID: C09050768-001AMS | Sar | mple Matrix | Spike | | | Run: G5000 | 0W_090615A | | 06/19 | /09 03:06 |
| Gross Beta | | 80.6 | pCi/L | | 91 | 70 | 130 | | | |
| Sample ID: C09050768-001AMSI |) Sar | mple Matrix | Spike Duplicate | | | Run: G5000 | 0W_090615A | | 06/19 | /09 03:06 |
| Gross Beta | | 72.9 | pCi/L | | 83 | 70 | 130 | 10 | 16.7 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050746

| Analyte | Count | Result | Units | RL %REC | Low | Limit | High Limit | RPD | RPDLImit Qual |
|------------------------------|-------------|--------------|-----------------|---------------|------|-------|----------------|-----|------------------|
| Method: E900.0 | | • | | | | - | | • | Batch: GrAB-0683 |
| Sample ID: MB-GrAB-0683 | <u>6</u> Me | thod Blank | | | Run: | G5000 | W_090624A | | 06/27/09 03:40 |
| Gross Alpha | | -0.02 | pCi/L | | | | | | U |
| Gross Alpha precision (±) | | 0.7 | pCi/L | | | | | | |
| Gross Alpha MDC | | 0.7 | pCi/L | | | | | | |
| Gross Beta | | -1 | pCi/L | | | | | | U |
| Gross Beta precision (±) | | 1 | pCi/L | | | | | | |
| Gross Beta MDC | | 2 | pCi/L | | | | | | |
| Sample ID: UNAT-GrAB-0683 | Lai | ooratory Cor | ntrol Sample | | Run: | G5000 | W_090624A | | 06/27/09 03:40 |
| Gross Alpha | | 150 | pCi/L | 108 | i | 70 | 130 | | |
| Sample ID: Cs137-GrAB-0683 | Lat | ooratory Cor | ntrol Sample | | Run: | G5000 | W_090624A | | 06/27/09 03:40 |
| Gross Beta | | 87 | pCi/L | 97 | , | 70 | 130 | | |
| Sample ID: C09060266-016DMS | Sa | mple Matrix | Spike | | Run: | G5000 | W_090624A | | 06/27/09 03:40 |
| Gross Alpha | | 153 | pCi/L | 112 | ! | 70 | 130 | | |
| Sample ID: C09060266-016DMSD |) Sa | mple Matrix | Spike Duplicate | | Run: | G5000 | W_090624A | | 06/27/09 03:40 |
| Gross Alpha | | 160 | pCi/L | 117 | • | 70 | 130 | 4 | 15.6 |
| Sample ID: C09060266-016DMS | Sa | mple Matrix | Spike | | Run: | G5000 | W_090624A | | 06/27/09 03:40 |
| Gross Beta | | 90.5 | pCi/L | 101 | | 70 | 130 | | |
| Sample ID: C09060266-016DMSE |) Sa | mple Matrix | Spike Duplicate | | Run: | G5000 | W_090624A | | 06/27/09 03:40 |
| Gross Beta | | 87.3 | pCi/L | 98 | 3 | 70 | 130 | 3.6 | 16.1 |
| Method: E903.0 | | | | . | | | | | Batch: RA226-369 |
| Sample ID: C09050746-003DMS | Sa | mple Matrix | Spike | | Run: | TENNI | ELEC-2_090527A | | 06/08/09 13:43 |
| Radium 226 | | 79 | pCi/L | 103 | 3 | 70 | 130 | | |
| Sample ID: C09050746-003DMS0 |) Sa | mple Matrix | Spike Duplicate | | Run: | TENNI | ELEC-2_090527# | | 06/08/09 15:06 |
| Radium 226 | | 75 | pCi/L | 78 | 3 | 70 | 130 | 5 | 17.2 |
| Sample ID: MB-RA226-3698 | <u>3</u> Me | thod Blank | | | Run: | TENNI | ELEC-2_090527# | | 06/08/09 18:07 |
| Radium 226 | _ | 0.02 | pCi/L | | | | | | U |
| Radium 226 precision (±) | | 0.09 | pCi/L | | | | | | |
| Radium 226 MDC | | 0.1 | pCi/L | | | | | | |
| Sample ID: LCS-RA226-3698 | La | boratory Co | ntrol Sample | | Run: | TENN | ELEC-2_090527A | ١. | 06/08/09 19:37 |
| Radium 226 | | 6.7 | pCi/L | 8 | 5 | 70 | 130 | | |

Qualifiers:

RL - Analyte reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09050746

| Analyte | Count | Result | Units | RL | %REC | Low l | Limit | High | Limit | RPD | RPDLimit | Qual |
|--|----------------------------|-----------------|-----------------------|------------|-----------|----------|-----------|---------|----------|------------|---------------|------------|
| Method: E903.0 | | | | | | | | | | | Batch: RA | 226-370 |
| Sample ID: C09050746-005DMS | Sa | mple Matrix | Spike | | | Run: 6 | BERTI | HOLD | 770-2_0 | 90528B | 06/09 | /09 14:48 |
| Radium 226 | | 110 | pCi/L | | 92 | | 70 | | 130 | | | |
| Sample ID: C09050746-005DMSI |) Sa | mple Matrix | Spike Duplicate | | | Run: 8 | BERTI | HOLD | 770-2_0 | 90528B | 06/09 | /09 14:48 |
| Radium 226 | | 110 | pCi/L | | <u>59</u> | | 70 | | 130 | 4.7 | 15.7 | S |
| Sample response is much larger that meets acceptance criteria; this batch; | n spike amo is approved | ount, therefore | small variances in th | e sample a | idversely | affected | I the rec | covery. | The LCS | and the RF | D of the MS/N | ISD pair |
| Sample ID: MB-RA226-3700 | <u>3</u> Me | thod Blank | | | | Run: E | BERTI | HOLD | 770-2_0 | 90528B | 06/09 | /09 16:25 |
| Radium 226 | | -0.2 | pCi/L | | | | | | | | | U |
| Radium 226 precision (±) | | 0.10 | pCi/L | | | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | | | |
| Sample ID: LCS-RA226-3700 | Lal | boratory Co | ntrol Sample | | | Run: I | BERT | HOLD | 770-2_0 | 90528B | 06/09 | /09 16:25 |
| Radium 226 | | 6.8 | pCi/L | | 89 | | 70 | | 130 | | | |
| Method: E903.0 | | | | | | , | | | | | Batch: RA | 226-370 |
| Sample ID: C09050746-007DMS | Sa | mple Matrix | Spike | | | Run: I | BERTI | HOLD | 770-2_0 | 90528A | 06/09 | /09 10:13 |
| Radium 226 | | 20 | pCi/L | | 101 | | 70 | | 130 | | | |
| Sample ID: C09050746-007DMS | D Sa | mple Matrix | Spike Duplicate | | | Run: I | BERTI | HOLD | 770-2_0 | 90528A | 06/09 | /09 10:13 |
| Radium 226 | | 20 | pCi/L | | 97 | | 70 | | 130 | 2.1 | 23.6 | |
| Sample ID: MB-RA226-3701 | 3 Me | thod Blank | | | | Run: I | BERTI | HOLD | 770-2_0 | 90528A | 06/09 | /09 12:53 |
| Radium 226 | | -0.2 | pCi/L | | | | | | _ | | | U |
| Radium 226 precision (±) | | 0.1 | pCi/L | | | | | | | | | |
| Radium 226 MDC | | 0.3 | pCi/L | | | | | | | | | |
| Sample ID: LCS-RA226-3701 | La | boratory Co | ntrol Sample | | | Run: I | BERTI | HOLD | 770-2_0 | 90528A | 06/09 | /09 12:53 |
| Radium 226 | | 7.4 | pCi/L | | 97 | | 70 | | 130 | | | |
| Method: E903.0 | | | | | - | | | | | | Batch: R/ | 1226-370 |
| Sample ID: C09050746-009DMS | Sa | mple Matrix | Spike | | | Run: | TENNI | ELEC | -2_09060 |)1B | 06/14 | /09 22:15 |
| Radium 226 | | 21 | pCi/L | | 103 | | 70 | | 130 | | | |
| Sample ID: C09050746-009DMS | D Sa | mple Matrix | Spike Duplicate | | | Run: | TENN | ELEC | -2_09060 |)1B | 06/14 | /09 23:45 |
| Radium 226 | | 22 | pCi/L | | 109 | | 70 | | 130 | 3.4 | 23.4 | |
| Sample ID: MB-RA226-3704 | 3 Me | thod Blank | | | | Run: | TENN | ELEC | -2_09060 |)1B | 06/15 | 6/09 07:40 |
| Radium 226 | | 0.1 | pCi/L | | | | | | _ | | | U |
| Radium 226 precision (±) | | 0.1 | pCi/L | | | | | | | | | |
| Radium 226 MDC | | 0.1 | pCi/L | | | | | | | | | |
| Sample ID: LCS-RA226-3704 | La | boratory Co | ntrol Sample | | | Run: | TENN | ELEC | -2_09060 |)1B | 06/15 | 6/09 09:10 |
| | | | pCi/L | | 109 | | 70 | | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



Client: UR Energy USA Inc

Report Date: 07/11/09

Project: Lost Creek

Work Order: C09050746

| Analyte | Count R | lesult | Units | RL | %REC | Low | Limit | High | Limit | RPD | RPDLimit | Qual |
|--|----------|------------|------------------------|---|------------|----------|---------|---------|-----------|-----------|---------------|-----------|
| Method: E903.0 | | | | | | | | • | | | Batch: RA | 226-370 |
| Sample ID: C09050746-015DMS | Sample | Matrix | Spike | | | Run: | BERTI | HOLD | 770-1_09 | 0529A | 06/09 | /09 18:14 |
| Radium 226 | | 410 | pCi/L | | <u>-28</u> | | 70 | | 130 | | | S |
| - Sample response is much larger that meets acceptance criteria; this batch it | | therefore | small variances in the | sample a | dversely | affected | the red | covery. | The LCS a | nd the RP | D of the MS/M | SD pair |
| Sample ID: C09050746-015DMSI | | Matrix : | Spike Duplicate | | | Run: | BERTI | HOLD | 770-1_09 | 0529A | 06/09 | /09 18:14 |
| Radium 226 | • | 410 | pCi/L | | <u>5</u> | | 70 | | 130 | 1.3 | 12.6 | S |
| Sample ID: MB-RA226-3705 | 3 Method | l Blank | | | | Run: | BERTI | HOLD | 770-1_09 | 0529A | 06/09 | /09 21:45 |
| Radium 226 | | -0.1 | pCi/L | | | | | | | | | U |
| Radium 226 precision (±) | | 0.09 | pCi/L | | | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | | | |
| Sample ID: LCS-RA226-3705 | Labora | tory Con | trol Sample | | | Run: | BERTI | HOLD | 770-1_09 | 0529A | 06/09 | /09 21:45 |
| Radium 226 | | 6.7 | pCi/L | | 88 | | 70 | | 130 | | | |
| Method: RA-05 | | - | | • | | | - | | | | Batch: RA | 228-2683 |
| Sample ID: LCS-228-RA226-3698 | Laborat | tory Con | trol Sample | | | Run: | TENN | ELEC- | 3_09052 | 7F | 06/03 | /09 12:55 |
| Radium 228 | | 8.5 | pCi/L | | 97 | | 70 | | 130 | | | |
| Sample ID: MB-RA226-3698 | 3 Method | i Blank | | | | Run: | TENN | ELEC- | 3_09052 | 7F | 06/03 | /09 12:55 |
| Radium 228 | | 0.2 | pCi/L | | | | | | | | | U |
| Radium 228 precision (±) | | 0.6 | pCi/L | | | | | | | | | |
| Radium 228 MDC | | 0.7 | pCi/L | | | | | | | | | |
| Sample ID: C09050746-004DMS | Sample | Matrix : | Spike | | | Run: | TENN | ELEC- | 3_09052 | 7F | 06/03 | /09 12:55 |
| Radium 228 | | 17 | pCi/L | | 82 | | 70 | | 130 | | | |
| Sample ID: C09050746-004DMSI |) Sample | Matrix : | Spike Duplicate | | | Run: | TENN | ELEC- | 3_09052 | 7F | 06/03 | /09 12:55 |
| Radium 228 | | 17 | pCi/L | | 78 | | 70 | | 130 | 4 | 33.2 | |
| Method: RA-05 | | | *** | | | | • | | | | Batch: RA | 228-268 |
| Sample ID: LCS-228-RA226-3706 |) Labora | tory Con | trol Sample | | | Run: | TENN | ELEC- | 3_09052 | BD | 06/04 | /09 10:36 |
| Radium 228 | | 8.14 | pCi/L | | 92 | | 70 | | 130 | | | |
| Sample ID: MB-RA226-3700 | 3 Method | i Biank | | | | Run: | TENN | ELEC- | 3_09052 | BD | 06/04 | /09 10:36 |
| Radium 228 | | 0.2 | pCi/L | | | | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | | |
| Sample ID: C09050746-006DMS | Sample | Matrix : | Spike | | | Run: | TENN | ELEC- | 3_09052 | 8D | 06/04 | /09 10:36 |
| Radium 228 | | 24.0 | pCi/L | | 119 | | 70 | | 130 | | | |
| Sample ID: C09050746-006DMSI |) Sample | e Matrix : | Spike Duplicate | | | Run: | TENN | ELEC- | 3_09052 | 8D | 06/04 | /09 10:36 |
| Radium 228 | | 23.5 | pCi/L | | 117 | | 70 | | 130 | 2 | 30.4 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09 **Work Order:** C09050746

| Analyte | Count | Result | Units | RL | %REC | Low Limi | t F | ligh | Limit | RPD | RPDLimit | Qual |
|-------------------------------|-------------|---------------|-----------------|----|------|-----------------------|-------------|------|-----------|-----|------------|-----------------------|
| Method: RA-05 | | | | | | | | | | | Batch: RA | 228-2686 |
| Sample ID: LCS-228-RA226-3701 | l La | boratory Co | ntrol Sample | | | Run: TEN | NEL | .EC- | 3_090528C | ; | 06/04 | /09 12:47 |
| Radium 228 | | 9.16 | pCi/L | | 108 | 70 | | | 130 | | 00,0-1 | .00 12.47 |
| Sample ID: MB-RA226-3701 | 3 Me | thod Blank | | | | Run: TEN | MEI | EC- | 3_090528C | | 06/04 | /00 40.4 7 |
| Radium 228 | _ | -0.3 | pCi/L | | | 11011. 1214 | 1 | | 3_0903200 | • | 00/04/ | /09 12:47 U |
| Radium 228 precision (±) | | 0.8 | pCi/L | | | | | | | | | U |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | | |
| Sample ID: C09050746-008DMS | Sa | mple Matrix | Spike | | | Run: TENI | VFI. | EC-: | 3_090528C | | 06/04/ | /09 12:48 |
| Radium 228 | | 21.6 | pCi/L | | 103 | 70 | | | 130 | | 00/04/ | 09 12,40 |
| Sample ID: C09050746-008DMSD |) Sa | mple Matrix | Spike Duplicate | | | Run [,] TENI | JFI I | EC-1 | 3_090528C | | 06/04/ | 09 12:48 |
| Radium 228 | | 18.5 | pCi/L | | 85 | 70 | | | 130 | 16 | 31.4 | 09 12.40 |
| Method: RA-05 | | | | | | | | | | | Batch: RA | 228-2687 |
| Sample ID: LCS-228-RA226-3705 | Lat | oratory Cor | ntrol Sample | | | Run: TEN | JE1 1 | EC 3 | 0005100 | | | 09 1 5:01 |
| Radium 228 | | 7.97 | pCi/L | | 99 | 70 | 1 LL | | 130 | | 06/04/ | 09 15:01 |
| Sample ID: MB-RA226-3705 | <u>3</u> Me | thod Blank | | | | Run: TENN | JELE | EC-3 | 090529B | | 06/04/ | 09 1 5:01 |
| Radium 228 | | -0.6 | pCi/L | | | | | | _0000202 | | 00/04/ | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | | | Ü |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | | |
| Sample ID: C09050746-016DMS | Sar | nple Matrix | Spike | | | Run: TENN | IELE | EC-3 | 090529B | | 06/04/ | 09 15:01 |
| Radium 228 | | 14.9 | pCi/L | | 86 | 70 | | | 130 | | 00/04/ | 00 10.01 |
| Sample ID: C09050746-016DMSD | Sar | nple Matrix | Spike Duplicate | | | Run: TENN | IELE | EC-3 | 090529B | | 06/04/0 | 09 15:01 |
| Radium 228 | | 14.6 | pCi/L | | 85 | 70 | | | 130 | 2.1 | 37 | , , , , , |
| Method: RA-05 | _ | | | | | <u> </u> | | | · | | Batch: RA2 | 228-2689 |
| Sample ID: LCS-228-RA226-3704 | Lab | oratory Con | trol Sample | | | Run: TENN | ELE | EC-3 | 090601A | | 06/08/0 | 09 14:03 |
| Radium 228 | | 9.54 | pCi/L | | 111 | 70 | | | 130 | | | |
| Sample ID: MB-RA226-3704 | 3 Met | hod Blank | | | | Run: TENN | ELE | EC-3 | 090601A | | 06/08/0 | 9 14:03 |
| Radium 228 | | -0.1 | pCi/L | | | | | | | | 30,00,0 | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | | | J |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | | |
| Sample ID: C09050746-010DMS | San | nple Matrix : | Spike | | 1 | Run: TENN | ELE | C-3 | 090601A | | 06/08/0 | 9 14:03 |
| Radium 228 | | 21,7 | pCi/L | | 96 | 70 | | • | 130 | | | |
| iample ID: C09050746-010DMSD | San | nple Matrix S | Spike Duplicate | | ı | Run: TENN | ELE | C-3 | 090601A | | 06/08/0 | 9 14:03 |
| Radium 228 | | 19.3 | pCi/L | | 83 | 70 | | | 130 | 12 | 30.1 | |

Qualifiers:

RL - Analyte reporting limit.

| ENERGY |
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| LABORATORIES |

Chain of Custody and Analytical Request Record

| Page | / | of | ح |
|-------|---|----|---|
| . ~9~ | | vi | |

| Company Name: | Project Na | ime, PWŞ, Permit, Etc | ntormation as possible. C. | Sample Origin | EPA/State Compliance: |
|--|--|---|-------------------------------|--|---------------------------|
| Report Mail Address: 5880 Enterprise Dr Suit 200 | lust (| reck | | State: WY | Yes □ No 区 |
| Report Mail Address: | Contact Na | ame: Pho | one/Fax: | Email: | Sampler: (Please Print) |
| Caspor WY 9269 | TIP | / 22 25 25 | <i>i</i> | | |
| Invoice Address: | Invoice Co | <u>% 507-765-257</u> intact & Phone: | 3 johr. ash pur-e, | Purchage Order | Quote/Bottle Order: |
| | | mast a Frising. | | Fulchase Older. | Quote/bottle Order: |
| Special Report/Formats – ELI must be notified | | AND DOWN | | Contact ELI pric | or to Shipped by: / |
| prior to sample submittal for the following: | _O & | (AURICAULI Y SOUR | | RUSH sample s | submittal Have |
| Ut Freigt Exect Sheet | 5 S S S S S S S S S S S S S S S S S S S | | | | . |
| _ | ontal W S Is/Sc Ssay | | | Instruction Page | e Various |
| DW A2LA GSA EDD/EDT(Electronic Data) | Number of Containers Sample Type: A W S V B O Air Water Soils/Soilds Vegetation Bioassay Other | | ATTACHED | Comments: H IOI Charges and scheduling – Se Instruction Page Comments: | Receipt Temp |
| GSA EDD/EDT(Electronic Data) POTW/WWTP Format: | Der C | 8 | | S S | On Ice |
| ☐ State: ☐ LEVEL IV ☐ Other: ☐ NELAC | Lum Mple Geta | | | 直 | Yes 🚱 |
| Other: NELAC | Sal S | | SEE | em | Custody Seal Y N Bottles/ |
| | - | | | Page H | Coolers B C |
| SAMPLE IDENTIFICATION Collection Collection (Name, Location, Interval, etc.) | MATRIX | 2 | | | Signature Y N |
| MO-103 # 60 5-2109 | w zgal | | | (09,050) | |
| 2 MP-103 #61 | | | | 0900 | |
| 3 Mu-103 # 62 | | 1/1 | | | OMIC |
| 4 Mo-105 # 43 | | | | | JSE |
| 5 MP-105 #64 | | 7 | | , | |
| 6 Mu-105 #65 | | | | | |
| 1 KPW-Z #66 | | | | | <u>A17</u> |
| ° M-135 #67 | | | | | <u> </u> |
| 9 MO-101 #168 | | | | | |
| 10 MP-101 #69 | | | | | |
| Custody Relinquished by (print); Date/Time: | Sign | ature: | Received by (print): | Date/Time: | Signature: |
| Record Relinquisher by (print): Date/Time: | | Augent 1 | Received by (print): | Date/Time: | Signature: |
| MUST be Cartyn Williams 5/20/09 0538 | | | Received by Laboratory: | Date/Jime: | Signature |
| Signed Sample Disposal: Return to Client: | Lab Dispos | sal: | Hudren larsen | 5/22/09 83 | 5 4 |

| ENERGY |
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| LABORATORILS |

Chain of Custody and Analytical Request Record

| Page | Z | of | Z |
|------|---|----|---|
| | | | |

| Company Name: | | <u>nı - Provide as much im</u> ne, PWS, Permit, Etc. | ormation as possible. | Sample Origin | EPA/State Compliance: |
|--|--|---|----------------------------|--|---|
| Company Name. | FIOJECTIVALI | ne, F 773, Femili, Etc. | | _ * * * | Yes No 4 |
| UK Energy | Cost | Cicek | معديد | State: WY | |
| Report Mail Address: 5780 Enterprise Dr Snite 200 | Contact Na | | ne/Fax: | Email: | Sampler: (Please Print) |
| Casses WY 82609 | John Cus | sh 307-265-237 | 1) john. cest @ Lut-e | reignisa. Com | |
| Invoice Address: | Invoice Cor | ntact & Phone: | | Purchase Order: | Quote/Bottle Order: |
| | | | | | |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: UR Energy Excel Sheet DW A2LA GSA EDD/EDT(Electronic Data) POTW/WWTP Format: State: LEVEL IV Other: NELAC | Number of Containers Sample Type. A W S V B O Air Water Soils/Solids Vegetation Bioassay Other | ANALYSIS | SEE ATTACHED SEE ATTACHED | Contact EL1 prior RUSH sample st for charges and scheduling – Set Instruction Page Comments: | e Cooler ID(s): Receipt Temp C C C C C C C C C |
| | | | | [H | Coolers |
| SAMPLE IDENTIFICATION Collection Collection (Name, Location, Interval, etc.) | MATRIX | Jan | | | Intact Y N Signature Y N Match |
| Mu-101 #70 5-21-08 | W regal | | | (109050 | 574 6s |
| 2 MO-102 #71 | | | | | |
| 3 MP-102 #72 | 7 | | | | |
| 4 MU-102 #73 | | | | | USE N |
| 5 MP-111 #74 | | | | | |
| 6 M-136 #75 | | 17 | | | |
| 7 | | | | | 47 |
| 8 | | | | | |
| 9 | \ | | 2 | | ABC |
| 10 | | | | | |
| Custody Relinquished by (print): Date/Time: | | ature: | Received by (print): | Date/Time: | Signature: |
| Record MUST be Carly Williams 5/22/09 083 | √ Sign | | Received by (print): | Date/Time: | Signature: |
| Signed Sample Disposal: Return to Client: | Lab Dispo | xal | Received by Laboratory: | 5/22/07 US3 | |

Energy Laboratories Inc Workorder Receipt Checklist



UR Energy USA Inc

| Login completed by: Kimberly Humiston | | Date and Time F | Received: 5/22/2009 8 | :35 AM | | | |
|---|---------|-----------------|------------------------|--|--|--|--|
| Reviewed by: | | Received by: al | | | | | |
| Reviewed Date: | | Carri | er name: Hand Del | | | | |
| Shipping container/cooler in good condition? | Yes 🗹 | No 🔲 | Not Present | | | | |
| Custody seals intact on shipping container/cooler? | Yes 🗌 | No 🗀 | Not Present 🗹 | | | | |
| Custody seals intact on sample bottles? | Yes 🗌 | No 🗀 | Not Present 🗹 | | | | |
| Chain of custody present? | Yes 🗹 | No 🗌 | | | | | |
| Chain of custody signed when relinquished and received? | Yes ✓ | No 🗌 | | | | | |
| Chain of custody agrees with sample labels? | Yes 🗸 | No 🔲 | | | | | |
| Samples in proper container/bottle? | Yes 🔽 | No 🗌 | | | | | |
| Sample containers intact? | Yes 🗹 | No 🗀 | | | | | |
| Sufficient sample volume for indicated test? | Yes 🗹 | No 🔲 | | | | | |
| All samples received within holding time? | Yes 🗹 | No 🗌 | | | | | |
| Container/Temp Blank temperature: | 5°C | | | | | | |
| Water - VOA vials have zero headspace? | Yes 🗀 | No 🗌 | No VOA vials submitted | | | | |
| Water - pH acceptable upon receipt? | Yes [√] | No 🗌 | Not Applicable | , in a 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | |

Contact and Corrective Action Comments:

Per phone conversation with John Cash 5-22-09 14:30, disregard the sample ID's on the sample container labelS. Follow the numerical number on the lid and correspond with the number and ID listed on the Chain of Custody. Samples for dissolved metals were subsampled, filtered and preserved with 1/2 mL HNO3 in lab upon receipt to pH <2. Total metals samples were preserved with 1/2 mL HNO3 upon receipt to pH <2 in the laboratory. In accordance with the Clean Water Act, these samples must be held for 24 hours prior to analysis. Nitrate+Nitrite samples were preserved with 1/2 mL H2SO4 to pH <2.

CLIENT:

UR Energy USA Inc

Date: 14-Jul-09

Project:

Lost Creek

CASE NARRATIVE

Sample Delivery Group: C09050746

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS

Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS

The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505

Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT

eli-g - Energy Laboratories, Inc. - Gillette, WY

eli-h - Energy Laboratories, Inc. - Helena, MT

eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA;

Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT



ANALYTICAL SUMMARY REPORT

August 04, 2009

UR Energy USA Inc 10758 W Centennial Rd Ste 200 Ken Caryl Ranch, CO 80127

Workorder No.: C09060055

Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 22 samples for UR Energy USA Inc on 6/2/2009 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|--------------|------------------|----------------|--------------|---------|--|
| C09060055-00 | 1 M-101 | 06/01/09 00:00 | 06/02/09 | Aqueous | Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved |
| C09060055-00 | 2 M-102 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |
| C09060055-00 | 3 M-103 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |
| C09060055-00 | 4 M-104 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |
| C09060055-00 | 5 M-105 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |
| C09060055-00 | 6 M-106 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |
| C09060055-00 | 7 M-107 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |
| C09060055-00 | 8 M-108 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |
| C09060055-00 | 9 M-109 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |
| C09060055-01 | 0 M-110 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |
| C09060055-01 | 1 M-129 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |
| C09060055-01 | 2 M-111 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |
| C09060055-01 | 3 M-112 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |
| C09060055-01 | 4 M-113 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |
| C09060055-01 | 5 M-114 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |
| C09060055-01 | 6 M-115 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |
| C09060055-01 | 7 M-116 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |
| C09060055-01 | 8 M-117 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |
| C09060055-01 | 9 M-118 | 06/01/09 00:00 | 06/02/09 | Aqueous | Same As Above |



ANALYTICAL SUMMARY REPORT

| C09060055-020 M-120A | 06/01/09 00:00 06/02/09 | Aqueous | Same As Above | |
|----------------------|-------------------------|---------|---------------|--|
| C09060055-021 M-121 | 06/01/09 00:00 06/02/09 | Aqueous | Same As Above | |
| C09060055-022 M-130 | 06/01/09 00:00 06/02/09 | Aqueous | Same As Above | |

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Stephanie D. Waldrop
Reporting Supervisor



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-001

Client Sample ID: M-101

Report Date: 08/04/09

Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| 100 10 102 95 | mg/L mg/L | | | | | |
|------------------------|--|--|---|---|--|---|
| 10 102 95 | _ | | | | | |
| 102 95 | mg/L | | 1 | | A2320 B | 06/03/09 16:09 / IiI |
| 95 | _ | | 1 | | A2320 B | 06/03/09 16:09 / III |
| | mg/L | | 1 | | A2320 B | 06/03/09 16:09 / Iji |
| - | mg/L | | 1 | | E200,7 | 06/11/09 17:09 / aae |
| 5 | mg/L | | 1 | | E300.0 | 06/09/09 07:43 / ljl |
| 0.1 | mg/L | | 0.1 | | A4500-F C | 06/05/09 14:57 / Iji |
| 2 | - | | 1 | | | 06/11/09 17:09 / aae |
| 0.06 | | | 0.05 | | | 06/04/09 14:44 / eli-b |
| ND | _ | | | | | 06/04/09 13:01 / eli-b |
| 7 | | | 1 | | | 06/11/09 17:09 / aae |
| 12.9 | - | | 0.2 | | | 06/06/09 05:46 / sml |
| | - | | | | | 06/11/09 17:09 / aae |
| 231 | mg/L | | 1 | | E300.0 | 06/09/09 07:43 / IjI |
| | | | | | | |
| 649 | umhos/cm | | 1 | | A2510 B | 06/02/09 13:51 / dd |
| | | | | | | 06/02/09 13:51 / dd |
| 491 | mg/L | | 10 | | A2540 C | 06/03/09 11:07 / rp |
| | | | | | | |
| ND | ma/L | | 0.1 | | F200 8 | 06/06/09 05:46 / sml |
| | - | | | | | 06/06/09 05:46 / sml |
| | - | | | | | 06/06/09 05:46 / sml |
| | - | | | | | 06/06/09 05:46 / sml |
| | - | | | | | 06/06/09 05:46 / sml |
| | - | | | | | 06/06/09 05:46 / sml |
| | | | | | | 06/06/09 05:46 / sml |
| | = | | | | | 06/06/09 05:46 / sml |
| | * | | | | | 06/06/09 05:46 / sml |
| | - | | | | | 06/06/09 05:46 / sml |
| | _ | | | | | 06/06/09 05:46 / sml |
| | - | | | | | 06/06/09 05:46 / sml |
| | - | | | | | 06/06/09 05:46 / sml |
| | - | | | | | 06/06/09 05:46 / sml |
| | - | | | | | 06/06/09 05:46 / sml |
| | - | ` | | | | 06/06/09 05:46 / sml |
| 0.04 | • | | 0.01 | | E200.8 | 06/06/09 05:46 / sml |
| | | | | | | |
| ND | ma/l | | 0.03 | | F200 7 | 06/16/09 19:33 / cp |
| | - | | | | | 06/16/09 19:33 / cp |
| | 2 0.06 ND 7 12.9 33 231 649 8.83 491 ND 0.004 ND ND ND ND ND ND ND ND ND ND ND ND ND | 2 mg/L 0.06 mg/L ND mg/L 7 mg/L 12.9 mg/L 33 mg/L 231 mg/L 231 mg/L 649 umhos/cm 8.83 s.u. 491 mg/L ND mg/L | 2 mg/L 0.06 mg/L ND mg/L 7 mg/L 12.9 mg/L 33 mg/L 231 mg/L 231 mg/L 649 umhos/cm 8.83 s.u. 491 mg/L 0.004 mg/L ND mg/L | 2 mg/L 1 0.06 mg/L 0.05 ND mg/L 0.05 7 mg/L 1 12.9 mg/L 0.2 33 mg/L 1 231 mg/L 1 649 umhos/cm 1 8.83 s.u. 0.01 491 mg/L 0.1 ND mg/L 0.1 ND mg/L 0.1 ND mg/L 0.1 ND mg/L 0.1 ND mg/L 0.1 ND mg/L 0.1 ND mg/L 0.05 ND mg/L 0.05 ND mg/L 0.05 ND mg/L 0.01 ND mg/L 0.001 | 2 mg/L 1 0.06 mg/L 0.05 ND mg/L 0.05 7 mg/L 1 12.9 mg/L 0.2 33 mg/L 1 231 mg/L 1 649 umhos/cm 1 8.83 s.u. 0.01 491 mg/L 10 ND mg/L 0.1 ND mg/L 0.05 ND mg/L 0.05 ND mg/L 0.05 ND mg/L 0.05 ND mg/L 0.01 ND mg/L 0.001 | 2 mg/L 1 E200.7 0.06 mg/L 0.05 E350.1 ND mg/L 0.05 E353.2 7 mg/L 1 E200.7 12.9 mg/L 0.2 E200.8 33 mg/L 1 E200.7 231 mg/L 1 E300.0 649 umhos/cm 1 A2510 B 8.83 s.u. 0.01 A4500-H B 491 mg/L 0.1 E200.8 ND mg/L 0.05 E200.8 ND mg/L 0.05 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.05 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.001 E200.8 ND mg/L 0.0003 E200.8 ND mg/L 0.001 E200.8 |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-001

Client Sample ID: M-101

Report Date: 08/04/09

Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | t Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|---------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 388 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Alpha precision (±) | 9.8 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Alpha MDC | 2.1 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Beta | 129 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Beta precision (±) | 3.4 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Beta MDC | 3.0 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Radium 226 | 180 | pCi/L | | | | E903.0 | 06/15/09 16:19 / jah |
| Radium 226 precision (±) | 2.8 | pCi/L | | | | E903.0 | 06/15/09 16:19 / jah |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 06/15/09 16:19 / jah |
| Radium 228 | 8.1 | pCi/L | | | | RA-05 | 06/10/09 13:05 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/10/09 13:05 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 06/10/09 13:05 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.87 | % | | | | Calculation | 06/15/09 15:29 / kbh |
| Anions | 6.94 | meq/L | | | | Calculation | 06/15/09 15:29 / kbh |
| Cations | 6.55 | meq/L | | | | Calculation | 06/15/09 15:29 / kbh |
| Solids, Total Dissolved Calculated | 433 | mg/L | | | | Calculation | 06/15/09 15:29 / kbh |
| TDS Balance (0.80 - 1.20) | 1.13 | - | | | | Calculation | 06/15/09 15:29 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek

Client Sample ID: M-102

C09060055-002

Report Date: 08/04/09

Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|---------|----------|---------------|-------|-------------|-----------|------------------------|
| | rioddit | Units | - Guaillioi S | 17. | | | Alluiyala Date / D) |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 133 | mg/L | | 1 | | A2320 B | 06/03/09 16:16 / IjI |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/03/09 16:16 / IjI |
| Bicarbonate as HCO3 | 162 | mg/L | | 1 | | A2320 B | 06/03/09 16:16 / Iji |
| Calcium | 116 | mg/L | | 1 | | E200.7 | 06/16/09 14:38 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/09/09 07:59 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/05/09 15:00 / lji |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/16/09 14:38 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350,1 | 06/04/09 14:46 / eli-l |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 13:02 / eli-l |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/16/09 14:38 / cp |
| Silica | 14.9 | mg/L | | 0.2 | | E200.8 | 06/06/09 05:53 / sml |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 06/16/09 14:38 / cp |
| Sulfate | 253 | mg/L | | 1 | | E300.0 | 06/09/09 07:59 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 726 | umhos/cm | | 1 | | A2510 B | 06/02/09 13:53 / dd |
| pH | 7.72 | s.u. | | 0.01 | | A4500-H B | 06/02/09 13:53 / dd |
| Solids, Total Dissolved TDS @ 180 C | 548 | mg/L | | 10 | | A2540 C | 06/03/09 11:07 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 05:53 / sml |
| Arsenic | 0.003 | mg/L | (| 0.001 | | E200.8 | 06/06/09 05:53 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 05:53 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 05:53 / sml |
| Cadmium | ND | mg/L | (| 0.005 | | E200.8 | 06/06/09 05:53 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 05:53 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 05:53 / sml |
| ron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 05:53 / sml |
| _ead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 05:53 / sml |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 06/06/09 05:53 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 05:53 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 05:53 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 05:53 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 05:53 / sml |
| Jranium | 0.0406 | mg/L | | .0003 | | E200.8 | 06/06/09 05:53 / sml |
| √anadium | ND | mg/L | _ | 0.1 | | E200.8 | 06/06/09 05:53 / sml |
| Zinc | 0.03 | mg/L | | 0.01 | | E200.8 | 06/06/09 05:53 / sml |
| METALS - TOTAL | | | | | | | |
| ron | ND | mg/L | | 0.03 | | E200.7 | 06/16/09 20:02 / cp |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 06/16/09 20:02 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-002

Client Sample ID: M-102

Report Date: 08/04/09

Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|---------------------------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | · · · · · · · · · · · · · · · · · · · |
| Gross Alpha | 60.4 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Alpha precision (±) | 4.3 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Alpha MDC | 2.4 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Beta | 22.1 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Beta precision (±) | 2.3 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Beta MDC | 3.2 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Radium 226 | 2.4 | pCi/L | | | | E903.0 | 06/15/09 16:19 / jah |
| Radium 226 precision (±) | 0.35 | pCi/L | | | | E903.0 | 06/15/09 16:19 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/15/09 16:19 / jah |
| Radium 228 | 2.3 | pCi/L | | | | RA-05 | 06/10/09 13:05 / plj |
| Radium 228 precision (±) | 8.0 | pCi/L | | | | RA-05 | 06/10/09 13:05 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/10/09 13:05 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.54 | % | | | | Calculation | 06/19/09 13:19 / kbh |
| Anions | 8.06 | meq/L | | | | Calculation | 06/19/09 13:19 / kbh |
| Cations | 7.51 | meq/L | | | | Calculation | 06/19/09 13:19 / kbh |
| Solids, Total Dissolved Calculated | 514 | mg/L | | | | Calculation | 06/19/09 13:19 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 06/19/09 13:19 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek

Client Sample ID: M-103

C09060055-003

Report Date: 08/04/09 Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|-------------|----------|------------|--------|-------------|-----------|---------------------------------------|
| MAJOR IONS | | | | | , | | * |
| Alkalinity, Total as CaCO3 | 143 | mg/L | | 1 | | A2320 B | 06/03/09 16:24 / lji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/03/09 16:24 / Iji |
| Bicarbonate as HCO3 | 174 | mg/L | | 1 | | A2320 B | 06/03/09 16:24 / ljl |
| Calcium | 130 | mg/L | | 1 | | E200.7 | 06/11/09 17:20 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/09/09 08:14 / Iji |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 06/05/09 15:03 / Iji |
| Magnesium | 6 | mg/L | | 1 | | E200.7 | 06/11/09 17:20 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/04/09 14:47 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 13:03 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/11/09 17:20 / aae |
| Silica | 15.5 | mg/L | | 0.2 | | E200.8 | 06/06/09 06:00 / sml |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/11/09 17:20 / aae |
| Sulfate | 290 | mg/L | | 1 | | E300.0 | 06/09/09 08:14 / IjI |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 822 | umhos/cm | | 1 | | A2510 B | 06/02/09 13:56 / dd |
| pH | 7.58 | S.U. | | 0.01 | | A4500-H B | 06/02/09 13:56 / dd |
| Solids, Total Dissolved TDS @ 180 C | 7.36 627 | mg/L | | 10 | | A2540 C | 06/03/09 11:07 / rp |
| | • | | | | | | , , , , , , , , , , , , , , , , , , , |
| METALS - DISSOLVED | | _ | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:00 / sml |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 06/06/09 06:00 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:00 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:00 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 06:00 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 06:00 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 06:00 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 06:00 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 06:00 / sml |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.8 | 06/06/09 06:00 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 06:00 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:00 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 06:00 / sml |
| Selenium | 0.032 | mg/L | | 0.001 | | E200.8 | 06/06/09 06:00 / sml |
| Uranium | 0.548 | mg/L | (| 0.0003 | | E200.8 | 06/06/09 06:00 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:00 / sml |
| Zinc | 0.03 | mg/L | | 0.01 | | E200.8 | 06/06/09 06:00 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/16/09 20:07 / cp |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.7 | 06/16/09 20:07 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-003

Client Sample ID: M-103

Report Date: 08/04/09

Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 438 | pCi/L | | | | E900.0 | 07/08/09 18:57 / cgr |
| Gross Alpha precision (±) | 11.3 | pCi/L | | | | E900.0 | 07/08/09 18:57 / cgr |
| Gross Alpha MDC | 2.5 | pCi/L | | | | E900.0 | 07/08/09 18:57 / cgr |
| Gross Beta | 204 | pCi/L | | | | E900.0 | 07/08/09 18:57 / cgr |
| Gross Beta precision (±) | 4.3 | pCi/L | | | | E900.0 | 07/08/09 18:57 / cgr |
| Gross Beta MDC | 3.3 | pCi/L | | | | E900.0 | 07/08/09 18:57 / cgr |
| Radium 226 | 1.6 | pCi/L | | | | E903.0 | 06/15/09 16:19 / jah |
| Radium 226 precision (±) | 0.30 | pCi/L | | | | E903.0 | 06/15/09 16:19 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/15/09 16:19 / jah |
| Radium 228 | 2.6 | pCi/L | | | | RA-05 | 06/10/09 13:05 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/10/09 13:05 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/10/09 13:05 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.67 | % | | | | Calculation | 06/15/09 15:31 / kbh |
| Anions | 9.09 | meq/L | | | | Calculation | 06/15/09 15:31 / kbh |
| Cations | 8.44 | meq/L | | | | Calculation | 06/15/09 15:31 / kbh |
| Solids, Total Dissolved Calculated | 554 | mg/L | | | | Calculation | 06/15/09 15:31 / kbh |
| TDS Balance (0.80 - 1.20) | 1.13 | - | | | | Calculation | 06/15/09 15:31 / kbh |
| | | | | | | | |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek

Client Sample ID: M-104

C09060055-004

Report Date: 08/04/09

Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 140 | mg/L | | 1 | | A2320 B | 06/03/09 16:31 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/03/09 16:31 / lil |
| Bicarbonate as HCO3 | 171 | mg/L | | 1 | | A2320 B | 06/03/09 16:31 / ljl |
| Calcium | 124 | mg/L | | 1 | | E200.7 | 06/11/09 17:31 / aae |
| Chloride | 9 | mg/L | | 1 | | E300.0 | 06/09/09 09:00 / Ijl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 06/05/09 15:05 / Iji |
| Magnesium | 5 | mg/L | | 1 | | E200.7 | 06/11/09 17:31 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/04/09 14:48 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 13:04 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/11/09 17:31 / aae |
| Silica | 16.0 | mg/L | | 0.2 | | E200.8 | 06/06/09 06:07 / sml |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/11/09 17:31 / aae |
| Sulfate | 278 | mg/L | | 1 | | E300.0 | 06/09/09 09:00 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 797 | umhos/cm | | 1 | | A2510 B | 06/02/09 13:59 / dd |
| pH | 7.67 | s.u. | | 0.01 | | A4500-H B | 06/02/09 13:59 / dd |
| Solids, Total Dissolved TDS @ 180 C | 603 | mg/L | | 10 | | A2540 C | 06/03/09 11:50 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:07 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 06:07 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:07 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:07 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 06:07 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 06:07 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 06:07 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 06:07 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 06:07 / sml |
| Manganese | 0.05 | mg/L | | 0.01 | | E200.8 | 06/06/09 06:07 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 06:07 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:07 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 06:07 / sml |
| Selenium | 0.039 | mg/L | | 0.001 | | E200.8 | 06/06/09 06:07 / sml |
| Uranium | 0.609 | mg/L | | 0.0003 | | E200.8 | 06/06/09 06:07 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:07 / sml |
| Zinc | 0.02 | mg/L | | 0.01 | | E200.8 | 06/06/09 06:07 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/16/09 20:11 / cp |
| Manganese | 0.05 | mg/L | | 0.01 | | E200.7 | 06/16/09 20:11 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-004

Client Sample ID: M-104

Report Date: 08/04/09

Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 603 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Alpha precision (±) | 13.6 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Alpha MDC | 2.6 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Beta | 173 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Beta precision (±) | 4.3 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Beta MDC | 3.6 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Radium 226 | 2.7 | pCi/L | | | | E903.0 | 06/15/09 16:19 / jah |
| Radium 226 precision (±) | 0.35 | pCi/L | | | | E903.0 | 06/15/09 16:19 / jah |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 06/15/09 16:19 / jah |
| Radium 228 | 3.4 | pCi/L | | | | RA-05 | 06/10/09 13:05 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/10/09 13:05 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 06/10/09 13:05 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.85 | % | | | | Calculation | 06/15/09 15:31 / kbh |
| Anions | 8.84 | meq/L | | | | Calculation | 06/15/09 15:31 / kbh |
| Cations | 8.02 | meq/L | | | | Calculation | 06/15/09 15:31 / kbh |
| Solids, Total Dissolved Calculated | 534 | mg/L | | | | Calculation | 06/15/09 15:31 / kbh |
| TDS Balance (0.80 - 1.20) | 1.13 | - | | | | Calculation | 06/15/09 15:31 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-005

Client Sample ID: M-105

Report Date: 08/04/09

Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analysis | D14 | | | | MCL/ | | |
|-------------------------------------|----------|----------|------------|-------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 131 | mg/L | | 1 | | A2320 B | 06/03/09 17:02 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/03/09 17:02 / ljl |
| Bicarbonate as HCO3 | 160 | mg/L | | 1 | | A2320 B | 06/03/09 17:02 / IjI |
| Calcium | 105 | mg/L | | 1 | | E200.7 | 06/11/09 17:36 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/09/09 09:16 / IjI |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/05/09 15:08 / Iji |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/11/09 17:36 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/04/09 14:49 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 13:05 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/11/09 17:36 / aae |
| Silica | 14.9 | mg/L | | 0.2 | | E200.8 | 06/06/09 06:14 / sml |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/11/09 17:36 / aae |
| Sulfate | 236 | mg/L | | 1 | | E300.0 | 06/09/09 09:16 / lji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 703 | umhos/cm | | 1 | | A2510 B | 06/02/09 14:02 / dd |
| pH | 7.67 | s.u. | | 0.01 | | A4500-H B | 06/02/09 14:02 / dd |
| Solids, Total Dissolved TDS @ 180 C | 495 | mg/L | | 10 | | A2540 C | 06/03/09 11:50 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:14 / sml |
| Arsenic | ND | mg/L | , | 0.001 | | E200.8 | 06/06/09 06:14 / sml |
| Barium | ND ND | mg/L | ` | 0.1 | | E200.8 | 06/06/09 06:14 / sml |
| Boron | ND | • | | 0.1 | | E200.8 | 06/06/09 06:14 / sml |
| Cadmium | ND ND | mg/L | | 0.1 | | E200.8 | |
| Cadmium | | mg/L | | | | | 06/06/09 06:14 / sml |
| | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 06:14 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 06:14 / sml |
| lron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 06:14 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 06:14 / sml |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 06/06/09 06:14 / sml |
| Mercury | ND | mg/L | • | 0.001 | | E200.8 | 06/06/09 06:14 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:14 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 06:14 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 06:14 / sml |
| Jranium | 0.0863 | mg/L | 0 | .0003 | | E200.8 | 06/06/09 06:14 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:14 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 06:14 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 0.06 | mg/L | | 0.03 | | E200.7 | 06/16/09 20:15 / cp |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 06/16/09 20:15 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-005

Client Sample ID: M-105

Report Date: 08/04/09

Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|----------------------------|---------|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | · - · • · · · · | <u></u> | | | |
| Gross Alpha | 661 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Alpha precision (±) | 13.3 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Alpha MDC | 2.3 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Beta | 175 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Beta precision (±) | 4.0 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Gross Beta MDC | 3.2 | pCi/L | | | | E900.0 | 06/23/09 03:21 / cgr |
| Radium 226 | 267 | pCi/L | | | | E903.0 | 06/15/09 18:48 / jah |
| Radium 226 precision (±) | 3.5 | pCi/L | | | | E903.0 | 06/15/09 18:48 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/15/09 18:48 / jah |
| Radium 228 | 7.6 | pCi/L | | | | RA-05 | 06/10/09 13:05 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/10/09 13:05 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/10/09 13:05 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.75 | % | | | | Calculation | 06/15/09 15:31 / kbh |
| Anions | 7.69 | meg/L | | | | Calculation | 06/15/09 15:31 / kbh |
| Cations | 7.00 | meq/L | | | | Calculation | 06/15/09 15:31 / kbh |
| Solids, Total Dissolved Calculated | 463 | mg/L | | | | Calculation | 06/15/09 15:31 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 06/15/09 15:31 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-006

Client Sample ID: M-106

Report Date: 08/04/09 Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 129 | mg/L | | 1 | | A2320 B | 06/03/09 17:24 / Iji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/03/09 17:24 / j |
| Bicarbonate as HCO3 | 157 | mg/L | | 1 | | A2320 B | 06/03/09 17:24 / ljl |
| Calcium | 109 | mg/L | | 1 | | E200.7 | 06/16/09 15:06 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/09/09 09:31 / ازا / |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/05/09 15:11 / Ijl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/16/09 15:06 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/04/09 14:53 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 13:07 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 15:06 / cp |
| Silica | 14.2 | mg/L | | 0.2 | | E200.8 | 06/06/09 06:21 / sml |
| Sodium | 27 | mg/L | | 1 | | E200.7 | 06/16/09 15:06 / cp |
| Sulfate | 235 | mg/L | | 1 | | E300.0 | 06/09/09 09:31 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 695 | umhos/cm | | 1 | | A2510 B | 06/02/09 14:05 / dd |
| pΗ | 7.79 | s.u. | | 0.01 | | A4500-H B | 06/02/09 14:05 / dd |
| Solids, Total Dissolved TDS @ 180 C | 502 | mg/L | | 10 | | A2540 C | 06/03/09 11:50 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:21 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 06:21 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:21 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:21 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 06:21 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 06:21 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 06:21 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 06:21 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 06:21 / sml |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 06/06/09 06:21 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 06:21 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:21 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 06:21 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 06:21 / sml |
| Uranium | 0.0502 | mg/L | (| 0.0003 | | E200.8 | 06/06/09 06:21 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:21 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 06:21 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 0.68 | mg/L | | 0.03 | | E200.7 | 06/19/09 00:06 / cp |
| Manganese | 0.03 | mg/L | | 0.01 | | E200.7 | 06/19/09 00:06 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

Client Sample ID: M-106

C09060055-006

Report Date: 08/04/09

Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|-----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | • • | | | |
| Gross Alpha | 107 | pCi/L | | | | E900.0 | 07/08/09 18:57 / cgr |
| Gross Alpha precision (±) | 5.5 | pCi/L | | | | E900.0 | 07/08/09 18:57 / cgr |
| Gross Alpha MDC | 2.3 | pCi/L | | | | E900.0 | 07/08/09 18:57 / cgr |
| Gross Beta | 44.2 | pCi/L | | | | E900.0 | 07/08/09 18:57 / cgr |
| Gross Beta precision (±) | 2.4 | pCi/L | | | | E900.0 | 07/08/09 18:57 / cgr |
| Gross Beta MDC | 3.0 | pCi/L | | | | E900.0 | 07/08/09 18:57 / cgr |
| Radium 226 | 14 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 226 precision (±) | 1.0 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 226 MDC | 0.31 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 228 | 6.7 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| Radium 228 precision (±) | 1.2 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4,28 | % | | | | Calculation | 06/19/09 13:19 / kbh |
| Anions | 7.63 | meg/L | | | | Calculation | 06/19/09 13:19 / kbh |
| Cations | 7.00 | meg/L | | | | Calculation | 06/19/09 13:19 / kbh |
| Solids, Total Dissolved Calculated | 483 | mg/L | | | | Calculation | 06/19/09 13:19 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | - | | | | Calculation | 06/19/09 13:19 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-007

Client Sample ID: M-107

Report Date: 08/04/09 Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 103 | mg/L | | 1 | | A2320 B | 06/03/09 17:32 / ljl |
| Carbonate as CO3 | 4 | mg/L | | 1 | | A2320 B | 06/03/09 17:32 / ljl |
| Bicarbonate as HCO3 | 118 | mg/L | | 1 | | A2320 B | 06/03/09 17:32 / ljl |
| Calcium | 96 | mg/L | | 1 | | E200.7 | 06/11/09 17:47 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/09/09 09:46 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/05/09 15:20 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/11/09 17:47 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/04/09 14:56 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 13:08 / eli-l |
| Potassium | 9 | mg/L | | 1 | | E200.7 | 06/11/09 17:47 / aae |
| Silica | 14.0 | mg/L | | 0.2 | | E200.8 | 06/06/09 06:27 / sml |
| Sodium | 35 | mg/L | | 1 | | E200.7 | 06/11/09 17:47 / aae |
| Sulfate | 230 | mg/L | | 1 | | E300.0 | 06/09/09 09:46 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 658 | umhos/cm | | 1 | | A2510 B | 06/02/09 14:07 / dd |
| pH | 8.68 | s.u. | | 0.01 | | A4500-H B | 06/02/09 14:07 / dd |
| Solids, Total Dissolved TDS @ 180 C | 475 | mg/L | | 10 | | A2540 C | 06/03/09 11:51 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:27 / sml |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 06/06/09 06:27 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:27 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:27 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 06:27 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 06:27 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 06:27 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 06:27 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 06:27 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 06:27 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 06:27 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:27 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 06:27 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 06:27 / sml |
| Uranium | 0.0532 | mg/L | | 0.0003 | | E200.8 | 06/06/09 06:27 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:27 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 06:27 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/16/09 20:19 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/16/09 20:19 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lab ID:

C09060055-007

Client Sample ID: M-107

Lost Creek

Report Date: 08/04/09

Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|----------|------------|-----|-------------|-------------|----------------------|
| Allalysos | Moduli | Olints _ | Qualifiers | NL. | | | 7 manyolo water = y |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 83.3 | pCi/L | | | | E900.0 | 07/24/09 02:19 / cgr |
| Gross Alpha precision (±) | 4.8 | pCi/L | | | | E900.0 | 07/24/09 02:19 / cgr |
| Gross Alpha MDC | 2.7 | pCi/L | | | | E900.0 | 07/24/09 02:19 / cgr |
| Gross Beta | 35.1 | pCi/L | | | | E900.0 | 07/24/09 02:19 / cgr |
| Gross Beta precision (±) | 2.2 | pCi/L | | | | E900.0 | 07/24/09 02:19 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 07/24/09 02:19 / cgr |
| Radium 226 | 6.9 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 226 precision (±) | 0.63 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 226 MDC | 0.24 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 228 | 4.1 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.58 | % | | | | Calculation | 06/15/09 15:32 / kbh |
| Anions | 7.00 | meq/L | | | | Calculation | 06/15/09 15:32 / kbh |
| Cations | 6.78 | meq/L | | | | Calculation | 06/15/09 15:32 / kbh |
| Solids, Total Dissolved Calculated | 440 | mg/L | | | | Calculation | 06/15/09 15:32 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | _ | | | | Calculation | 06/15/09 15:32 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-008

Client Sample ID: M-108

Report Date: 08/04/09 Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|-------|-------------|-----------|------------------------|
| Alialyses | Result | Units | Qualifiers | RL | GOL | Metriou | Alialysis Date / Dy |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 122 | mg/L | | 1 | | A2320 B | 06/03/09 17:39 / Iji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/03/09 17:39 / Ijl |
| Bicarbonate as HCO3 | 149 | mg/L | | 1 | | A2320 B | 06/03/09 17:39 / ljl |
| Calcium | 86 | mg/L | | 1 | | E200.7 | 06/11/09 18:22 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/09/09 10:02 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/05/09 15:22 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/11/09 18:22 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/04/09 14:57 / eli-k |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 13:09 / eli-k |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/11/09 18:22 / aae |
| Silica | 14.2 | mg/L | | 0.2 | | E200.8 | 06/06/09 06:34 / sml |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 06/11/09 18:22 / aae |
| Sulfate | 189 | mg/L | | 1 | | E300.0 | 06/09/09 10:02 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 607 | umhos/cm | | 1 | | A2510 B | 06/02/09 14:09 / dd |
| pH | 7.86 | S.U. | | 0.01 | | A4500-H B | 06/02/09 14:09 / dd |
| Solids, Total Dissolved TDS @ 180 C | 425 | mg/L | | 10 | | A2540 C | 06/03/09 11:51 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:34 / sml |
| Arsenic | ND | mg/L | (| 0.001 | | E200.8 | 06/06/09 06:34 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:34 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:34 / sml |
| Cadmium | ND | mg/L | (| 0.005 | | E200.8 | 06/06/09 06:34 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 06:34 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 06:34 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 06:34 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 06:34 / sml |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.8 | 06/06/09 06:34 / sml |
| Mercury | ND | mg/L | (| 0.001 | | E200.8 | 06/06/09 06:34 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:34 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 06:34 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 06:34 / sml |
| Uranium | 0.0152 | mg/L | | .0003 | | E200.8 | 06/06/09 06:34 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 06:34 / sml |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 06/06/09 06:34 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 0.10 | mg/L | | 0.03 | | E200.7 | 06/16/09 20:23 / cp |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.7 | 06/16/09 20:23 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-008

Client Sample ID: M-108

Report Date: 08/04/09 Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 45.4 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha precision (±) | 3.6 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha MDC | 2.3 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta | 20.3 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Radium 226 | 9.7 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 226 precision (±) | 0.80 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 226 MDC | 0.27 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 228 | 6.7 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.80 | % | | | | Calculation | 06/15/09 15:33 / kbh |
| Anions | 6.54 | meq/L | | | | Calculation | 06/15/09 15:33 / kbh |
| Cations | 5.94 | meq/L | | | | Calculation | 06/15/09 15:33 / kbh |
| Solids, Total Dissolved Calculated | 389 | mg/L | | | | Calculation | 06/15/09 15:33 / kbh |
| TDS Balance (0.80 - 1.20) | 1.09 | - | | | | Calculation | 06/15/09 15:33 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-009

Client Sample ID: M-109

Report Date: 08/04/09

Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | - " | | | | | |
| Alkalinity, Total as CaCO3 | 90 | mg/L | | 1 | | A2320 B | 06/03/09 17:46 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/03/09 17:46 / lji |
| Bicarbonate as HCO3 | 109 | mg/L | | 1 | | A2320 B | 06/03/09 17:46 / lji |
| Calcium | 58 | mg/L | | 1 | | E200.7 | 06/11/09 18:27 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/09/09 11:03 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/05/09 15:25 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/11/09 18:27 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/04/09 14:59 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 13:22 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 06/11/09 18:27 / aae |
| Silica | 12.6 | mg/L | | 0.2 | | E200.8 | 06/06/09 07:09 / sml |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/11/09 18:27 / aae |
| Sulfate | 147 | mg/L | | 1 | | E300.0 | 06/09/09 11:03 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 487 | umhos/cm | | 1 | | A2510 B | 06/02/09 14:13 / dd |
| pH | 8.12 | s.u. | | 0.01 | | A4500-H B | 06/02/09 14:13 / dd |
| Solids, Total Dissolved TDS @ 180 C | 334 | mg/L | | 10 | | A2540 C | 06/03/09 11:52 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:09 / sml |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 06/06/09 07:09 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:09 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:09 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 07:09 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 07:09 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 07:09 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 07:09 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:09 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 07:09 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:09 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:09 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 07:09 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:09 / sml |
| Uranium | 0.0208 | mg/L | | 0.0003 | | E200.8 | 06/06/09 07:09 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:09 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 07:09 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/16/09 20:27 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/16/09 20:27 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID: Lost Creek

Client Sample ID: M-109

C09060055-009

Report Date: 08/04/09 Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | · · · | <u> </u> |
| Gross Alpha | 42.6 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha precision (±) | 3.1 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta | 21.0 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Radium 226 | 12 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 226 precision (±) | 0.89 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 226 MDC | 0.27 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 228 | 5.0 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.46 | % | | | | Calculation | 06/15/09 15:33 / kbh |
| Anions | 5.01 | meq/L | | | | Calculation | 06/15/09 15:33 / kbh |
| Cations | 4.58 | meq/L | | | | Calculation | 06/15/09 15:33 / kbh |
| Solids, Total Dissolved Calculated | 302 | mg/L | | | | Calculation | 06/15/09 15:33 / kbh |
| TDS Balance (0.80 - 1.20) | 1.11 | _ | | | | Calculation | 06/15/09 15:33 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID: Lost Creek C09060055-010

Client Sample ID: M-110

Report Date: 08/04/09

Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | :- | | | | | |
| Alkalinity, Total as CaCO3 | 109 | mg/L | | 1 | | A2320 B | 06/03/09 17:53 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/03/09 17:53 / ljl |
| Bicarbonate as HCO3 | 133 | mg/L | | 1 | | A2320 B | 06/03/09 17:53 / ljl |
| Calcium | 72 | mg/L | | 1 | | E200.7 | 06/16/09 16:10 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/09/09 11:50 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/05/09 15:38 / Iji |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 16:10 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/04/09 15:00 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 13:23 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/16/09 16:10 / cp |
| Silica | 13.0 | mg/L | | 0.2 | | E200.8 | 06/06/09 07:16 / sml |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 06/16/09 16:10 / cp |
| Sulfate | 151 | mg/L | | 1 | | E300.0 | 06/09/09 11:50 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 518 | umhos/cm | | 1 | | A2510 B | 06/02/09 14:16 / dd |
| pH | 7.82 | s.u. | | 0.01 | | A4500-H B | 06/02/09 14:16 / dd |
| Solids, Total Dissolved TDS @ 180 C | 371 | mg/L | | 10 | | A2540 C | 06/03/09 11:54 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:16 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:16 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:16 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:16 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 07:16 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 07:16 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 07:16 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 07:16 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:16 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 07:16 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:16 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:16 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 07:16 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:16 / sml |
| Uranium | 0.136 | mg/L | | 0.0003 | | E200.8 | 06/06/09 07:16 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:16 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 07:16 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 0.06 | mg/L | | 0.03 | | E200.7 | 06/16/09 20:36 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/16/09 20:36 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-010

Client Sample ID: M-110

Report Date: 08/04/09

Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | , | , | | |
| Gross Alpha | 187 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha precision (±) | 6.5 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta | 69.9 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta precision (±) | 2.6 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Radium 226 | 41 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 226 precision (±) | 1.6 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 226 MDC | 0.25 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 228 | 4.5 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.06 | % | | | | Calculation | 06/19/09 13:20 / kbh |
| Anions | 5.48 | meq/L | | | | Calculation | 06/19/09 13:20 / kbh |
| Cations | 5.16 | meq/L | | | | Calculation | 06/19/09 13:20 / kbh |
| Solids, Total Dissolved Calculated | 347 | mg/L | | | | Calculation | 06/19/09 13:20 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | | | | | Calculation | 06/19/09 13:20 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-011

Client Sample ID: M-129

Report Date: 08/04/09

Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 110 | mg/L | | 1 | | A2320 B | 06/03/09 18:00 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/03/09 18:00 / ljl |
| Bicarbonate as HCO3 | 134 | mg/L | | 1 | | A2320 B | 06/03/09 18:00 / ljl |
| Calcium | 72 | mg/L | | 1 | | E200.7 | 06/16/09 16:14 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/09/09 12:05 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/05/09 15:43 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 16:14 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/04/09 15:01 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 13:24 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/16/09 16:14 / cp |
| Silica | 13.0 | mg/L | | 0.2 | | E200.8 | 06/06/09 07:43 / sml |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 06/16/09 16:14 / cp |
| Sulfate | 151 | mg/L | | 1 | | E300.0 | 06/09/09 12:05 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 516 | umhos/cm | | 1 | | A2510 B | 06/02/09 14:21 / dd |
| pH | 7.91 | s.u. | | 0.01 | | A4500-H B | 06/02/09 14:21 / dd |
| Solids, Total Dissolved TDS @ 180 C | 365 | mg/L | | 10 | | A2540 C | 06/03/09 11:54 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:43 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:43 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:43 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:43 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 07:43 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 07:43 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 07:43 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 07:43 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:43 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 07:43 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:43 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:43 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 07:43 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:43 / sml |
| Uranium | 0.137 | mg/L | , | 0.0003 | | E200.8 | 06/06/09 07:43 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:43 / sml |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 06/06/09 07:43 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 0.06 | mg/L | | 0.03 | | E200.7 | 06/16/09 21:37 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/16/09 21:37 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-011

Client Sample ID: M-129

Report Date: 08/04/09

Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 202 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha precision (±) | 6.7 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta | 69.4 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta precision (±) | 2.6 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Radium 226 | 43 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 226 precision (±) | 1.6 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 226 MDC | 0.25 | pCi/L | | | | E903.0 | 06/16/09 10:20 / jah |
| Radium 228 | 4.3 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.93 | % | | | | Calculation | 06/19/09 13:21 / kbh |
| Anions | 5.49 | meq/L | | | | Calculation | 06/19/09 13:21 / kbh |
| Cations | 5.18 | meq/L | | | | Calculation | 06/19/09 13:21 / kbh |
| Solids, Total Dissolved Calculated | 349 | mg/L | | | | Calculation | 06/19/09 13:21 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | | | | | Calculation | 06/19/09 13:21 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

C09060055-012

Client Sample ID: M-111

Lost Creek

Report Date: 08/04/09 Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 113 | mg/L | | 1 | | A2320 B | 06/03/09 18:08 / IjI |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/03/09 18:08 / Ijl |
| Bicarbonate as HCO3 | 138 | mg/L | | 1 | | A2320 B | 06/03/09 18:08 / Ijl |
| Calcium | 71 | mg/L | | 1 | | E200.7 | 06/11/09 18:43 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/09/09 12:20 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/05/09 15:46 / Ijl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/11/09 18:43 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/04/09 15:02 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 13:26 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/11/09 18:43 / aae |
| Silica | 13.9 | mg/L | | 0.2 | | E200.8 | 06/06/09 07:50 / sml |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/11/09 18:43 / aae |
| Sulfate | 153 | mg/L | | 1 | | E300.0 | 06/09/09 12:20 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 530 | umhos/cm | | 1 | | A2510 B | 06/02/09 14:23 / dd |
| oH | 7.98 | s.u. | | 0.01 | | A4500-H B | 06/02/09 14:23 / dd |
| Solids, Total Dissolved TDS @ 180 C | 378 | mg/L | | 10 | | A2540 C | 06/03/09 11:55 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:50 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:50 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:50 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:50 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 07:50 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 07:50 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 07:50 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 07:50 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:50 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 07:50 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:50 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:50 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 07:50 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:50 / sml |
| Uranium | 0.0245 | mg/L | | 0.0003 | | E200.8 | 06/06/09 07:50 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:50 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 07:50 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 0.04 | mg/L | | 0.03 | | E200.7 | 06/16/09 21:45 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/16/09 21:45 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-012

Client Sample ID: M-111

Report Date: 08/04/09 Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 34.9 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha precision (±) | 3.0 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha MDC | 2.1 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta | 19.1 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Radium 226 | 5.1 | pCi/L | | | | E903.0 | 06/16/09 12:09 / jah |
| Radium 226 precision (±) | 0.49 | pCi/L | | | | E903.0 | 06/16/09 12:09 / jah |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 06/16/09 12:09 / jah |
| Radium 228 | 5.1 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.52 | % | | | | Calculation | 06/15/09 15:34 / kbh |
| Anions | 5.59 | meq/L | | | | Calculation | 06/15/09 15:34 / kbh |
| Cations | 5.21 | meq/L | | | | Calculation | 06/15/09 15:34 / kbh |
| Solids, Total Dissolved Calculated | 333 | mg/L | | | | Calculation | 06/15/09 15:34 / kbh |
| TDS Balance (0.80 - 1.20) | 1.14 | - | | | | Calculation | 06/15/09 15:34 / kbh |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-013

Client Sample ID: M-112

Report Date: 08/04/09

Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 115 | mg/L | | 1 | | A2320 B | 06/03/09 18:15 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/03/09 18:15 / ljl |
| Bicarbonate as HCO3 | 140 | mg/L | | 1 | | A2320 B | 06/03/09 18:15 / Iji |
| Calcium | 75 | mg/L | | 1 | | E200.7 | 06/16/09 16:31 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/09/09 12:36 / Ijl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/05/09 15:53 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 16:31 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/04/09 15:03 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 14:07 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/16/09 16:31 / cp |
| Silica | 13.9 | mg/L | | 0.2 | | E200.8 | 06/06/09 07:57 / sml |
| Sodium | 27 | mg/L | | 1 | | E200.7 | 06/16/09 16:31 / cp |
| Sulfate | 150 | mg/L | | 1 | | E300.0 | 06/09/09 12:36 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 530 | umhos/cm | | 1 | | A2510 B | 06/02/09 14:26 / dd |
| pH | 7.94 | s.u. | | 0.01 | | A4500-H B | 06/02/09 14:26 / dd |
| Solids, Total Dissolved TDS @ 180 C | 373 | mg/L | | 10 | | A2540 C | 06/03/09 11:55 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:57 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:57 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:57 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:57 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 07:57 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 07:57 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 07:57 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 07:57 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:57 / sml |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.8 | 06/06/09 07:57 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:57 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:57 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 07:57 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 07:57 / sml |
| Uranium | 0.0234 | mg/L | | 0.0003 | | E200.8 | 06/06/09 07:57 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 07:57 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 07:57 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | 0.05 | mg/L | | 0.03 | | E200.7 | 06/16/09 21:49 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/16/09 21:49 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

Client Sample ID: M-112

C09060055-013

Report Date: 08/04/09 Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Ameliana | Decul | 1114 | 0 | D. | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | - GOL | Method | Arialysis Date 1 Dy |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 34.7 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha precision (±) | 3.0 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha MDC | 2.1 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta | 13.9 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Radium 226 | 4.5 | pCi/L | | | | E903.0 | 06/16/09 12:09 / jah |
| Radium 226 precision (±) | 0.45 | pCi/L | | | | E903.0 | 06/16/09 12:09 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/16/09 12:09 / jah |
| Radium 228 | 5.7 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/11/09 10:06 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.83 | % | | | | Calculation | 06/19/09 13:22 / kbh |
| Anions | 5.56 | meq/L | | | | Calculation | 06/19/09 13:22 / kbh |
| Cations | 5.25 | meq/L | | | | Calculation | 06/19/09 13:22 / kbh |
| Solids, Total Dissolved Calculated | 353 | mg/L | | | | Calculation | 06/19/09 13:22 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | - | | | | Calculation | 06/19/09 13:22 / kbh |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-014

Client Sample ID: M-113

Report Date: 08/04/09 Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|------------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 99 | mg/L | | 1 | | A2320 B | 06/03/09 18:22 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/03/09 18:22 / ljl |
| Bicarbonate as HCO3 | 121 | mg/L | | 1 | | A2320 B | 06/03/09 18:22 / ljl |
| Calcium | 5 6 | mg/L | | 1 | | E200.7 | 06/16/09 16:51 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/09/09 12:51 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/05/09 16:00 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/16/09 16:51 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/04/09 15:07 / eli-l |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 14:04 / eli-l |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/16/09 16:51 / cp |
| Silica | 12.9 | mg/L | | 0.2 | | E200.8 | 06/06/09 08:03 / sml |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/16/09 16:51 / cp |
| Sulfate | 126 | mg/L | | 1 | | E300.0 | 06/09/09 12:51 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 466 | umhos/cm | | 1 | | A2510 B | 06/02/09 14:28 / dd |
| pH | 8.03 | s.u. | | 0.01 | | A4500-H B | 06/02/09 14:28 / dd |
| Solids, Total Dissolved TDS @ 180 C | 315 | mg/L | | 10 | | A2540 C | 06/03/09 11:55 / rp |
| METALS - DISSOLVED | | | | | | | |
| Alumin um | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:03 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 08:03 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:03 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:03 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 08:03 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 08:03 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 08:03 / smi |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 08:03 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 08:03 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 08:03 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 08:03 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:03 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 08:03 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 08:03 / sml |
| Uranium | 0.0151 | mg/L | 1 | 0.0003 | | E200.8 | 06/06/09 08:03 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:03 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 08:03 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/16/09 21:53 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/16/09 21:53 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-014

Client Sample ID: M-113

Report Date: 08/04/09

Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 36.3 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha precision (±) | 2.9 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta | 16.4 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Radium 226 | 9.6 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 226 precision (±) | 0.66 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 228 | 4.3 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.41 | % | | | | Calculation | 06/19/09 13:22 / kbh |
| Anions | 4.74 | meq/L | | | | Calculation | 06/19/09 13:22 / kbh |
| Cations | 4.42 | meq/L | | | | Calculation | 06/19/09 13:22 / kbh |
| Solids, Total Dissolved Calculated | 303 | mg/L | | | | Calculation | 06/19/09 13:22 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | = | | | | Calculation | 06/19/09 13:22 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek C09060055-015

Client Sample ID: M-114

Report Date: 08/04/09

Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| Thirty 963 | Result | Units | Angillais | N.L | | | Analysis sale / by |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 106 | mg/L | | 1 | | A2320 B | 06/03/09 18:39 / Iji |
| Carbonate as CO3 | 5 | mg/L | | 1 | | A2320 B | 06/03/09 18:39 / Ijl |
| Bicarbonate as HCO3 | 119 | mg/L | | 1 | | A2320 B | 06/03/09 18:39 / ljl |
| Calcium | 57 | mg/L | | 1 | | E200.7 | 06/11/09 19:00 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/09/09 13:07 / Ijl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/05/09 16:03 / Ijl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/11/09 19:00 / aae |
| Nitrogen, Ammonia as N | 0.06 | mg/L | | 0.05 | | E350.1 | 06/04/09 15:11 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 14:10 / eli-b |
| Potassium | 7 | mg/L | | 1 | | E200.7 | 06/11/09 19:00 / aae |
| Silica | 12.0 | mg/L | | 0.2 | | E200.8 | 06/06/09 08:38 / sml |
| Sodium | 37 | mg/L | | 1 | | E200.7 | 06/11/09 19:00 / aae |
| Sulfate | 142 | mg/L | | 1 | | E300.0 | 06/09/09 13:07 / lji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 514 | umhos/cm | | 1 | | A2510 B | 06/02/09 14:30 / dd |
| pH | 8.77 | s.u. | | 0.01 | | A4500-H B | 06/02/09 14:30 / dd |
| Solids, Total Dissolved TDS @ 180 C | 340 | mg/L | | 10 | | A2540 C | 06/02/09 16:06 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:38 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 08:38 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:38 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:38 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 08:38 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 08:38 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 08:38 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 08:38 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 08:38 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 08:38 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 08:38 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:38 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 08:38 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 08:38 / sml |
| Uranium | 0.0523 | mg/L | (| 0.0003 | | E200.8 | 06/06/09 08:38 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:38 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 08:38 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/16/09 21:57 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/16/09 21:57 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-015

Client Sample ID: M-114

Report Date: 08/04/09 Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Ovelifiere | DI | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| Analyses | Nesuit | Units | Qualifiers | RL | QOL | Metrica | Allalysis Date / Dy |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 471 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha precision (±) | 10.0 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta | 187 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta precision (±) | 3.7 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Radium 226 | 218 | pÇi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 226 precision (±) | 3.1 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 228 | 5.3 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.56 | % | | | | Calculation | 06/15/09 15:36 / kbh |
| Anions | 5.26 | meq/L | | | | Calculation | 06/15/09 15:36 / kbh |
| Cations | 4.80 | meq/L | | | | Calculation | 06/15/09 15:36 / kbh |
| Solids, Total Dissolved Calculated | 315 | mg/L | | | | Calculation | 06/15/09 15:36 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | - | | | | Calculation | 06/15/09 15:36 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-016

Client Sample ID: M-115

Report Date: 08/04/09

Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | • | | - 11 | | | | |
| Alkalinity, Total as CaCO3 | 102 | mg/L | | 1 | | A2320 B | 06/03/09 19:02 / ljl |
| Carbonate as CO3 | 8 | mg/L | | 1 | | A2320 B | 06/03/09 19:02 / ljl |
| Bicarbonate as HCO3 | 108 | mg/L | | 1 | | A2320 B | 06/03/09 19:02 / lji |
| Calcium | 60 | mg/L | | 1 | | E200.7 | 06/11/09 19:05 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/09/09 13:22 / Iji |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/05/09 16:07 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/11/09 19:05 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/04/09 15:12 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 14:11 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/11/09 19:05 / aae |
| Silica | 12.9 | mg/L | | 0.2 | | E200.8 | 06/06/09 08:45 / sml |
| Sodium | 38 | mg/L | | 1 | | E200.7 | 06/11/09 19:05 / aae |
| Sulfate | 132 | mg/L | | 1 | | E300.0 | 06/09/09 13:22 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 485 | umhos/cm | | 1 | | A2510 B | 06/02/09 14:32 / dd |
| Hq | 8.88 | s.u. | | 0.01 | | A4500-H B | 06/02/09 14:32 / dd |
| Solids, Total Dissolved TDS @ 180 C | 322 | mg/L | | 10 | | A2540 C | 06/02/09 16:06 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:45 / sml |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 06/06/09 08:45 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:45 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:45 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 08:45 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 08:45 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 08:45 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 08:45 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 08:45 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 08:45 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 08:45 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:45 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 08:45 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 08:45 / sml |
| Uranium | 0.118 | mg/L | | 0.0003 | | E200.8 | 06/06/09 08:45 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:45 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 08:45 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/16/09 22:01 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/16/09 22:01 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-016

Client Sample ID: M-115

Report Date: 08/04/09

Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | _ | | | | |
| Gross Alpha | 138 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha precision (±) | 5.5 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta | 46.4 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta precision (±) | 2.3 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/23/09 21:07 / cgr |
| Radium 226 | 3.6 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 226 precision (±) | 0.41 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 228 | 1.7 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| Radium 228 precision (±) | 8.0 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.460 | % | | | | Calculation | 06/15/09 15:36 / kbh |
| Anions | 4.94 | meq/L | | | | Calculation | 06/15/09 15:36 / kbh |
| Cations | 4.89 | meq/L | | | | Calculation | 06/15/09 15:36 / kbh |
| Solids, Total Dissolved Calculated | 302 | mg/L | | | | Calculation | 06/15/09 15:36 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 06/15/09 15:36 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-017

Client Sample ID: M-116

Report Date: 08/04/09 Collection Date: 06/01/09 DateReceived: 06/02/09 Matrix: Aqueous

MCL/ QCL Analysis Date / By Method Result Units Qualiflers RL **Analyses MAJOR IONS** A2320 B 06/03/09 19:09 / Ijl 1 Alkalinity, Total as CaCO3 108 mg/L A2320 B 06/03/09 19:09 / ljl 5 mg/L 1 Carbonate as CO3 A2320 B 06/03/09 19:09 / ljl 122 1 Bicarbonate as HCO3 mg/L E200.7 06/11/09 19:11 / aae 54 mg/L 1 Calcium 06/09/09 13:38 / ljl E300.0 Chloride 5 mg/L 1 0.2 0.1 A4500-F C 06/05/09 16:15 / Ijl mg/L Fluoride 2 mg/L 1 E200.7 06/11/09 19:11 / aae Magnesium 06/04/09 15:13 / eli-b ND mg/L 0.05 E350.1 Nitrogen, Ammonia as N 0.05 E353.2 06/04/09 14:12 / eli-b Nitrogen, Nitrate+Nitrite as N 0.16 mg/L 06/11/09 19:11 / aae E200.7 Potassium 3 mg/L 1 06/06/09 08:52 / sml E200.8 12.8 mq/L 0.2 Silica E200.7 06/11/09 19:11 / aae 33 mg/L 1 Sodium 06/09/09 13:38 / ljl 1 E300.0 Sulfate 119 mg/L PHYSICAL PROPERTIES 06/02/09 14:33 / dd A2510 B 468 1 umhos/cm Conductivity 0.01 A4500-H B 06/02/09 14:33 / dd 8.54 S.U. рΗ 10 A2540 C 06/02/09 16:06 / rp Solids, Total Dissolved TDS @ 180 C 304 mg/L **METALS - DISSOLVED** 06/06/09 08:52 / sml E200.8 ND mg/L 0.1 Aluminum E200.8 06/06/09 08:52 / sml 0.003 mg/L 0.001 Arsenic 0.1 E200.8 06/06/09 08:52 / sml ND Barium mg/L 06/06/09 08:52 / sml 0.1 E200.8 ND Boron mg/L E200.8 06/06/09 08:52 / sml 0.005 ND mg/L Cadmium E200.8 06/06/09 08:52 / sml ND 0.05 mg/L Chromium 0.01 E200,8 06/06/09 08:52 / sml ND mg/L Copper 06/06/09 08:52 / sml ND 0.03 E200.8 mg/L Iron 0.001 E200.8 06/06/09 08:52 / sml ND mg/L Lead 0.01 E200.8 06/06/09 08:52 / sml ND mg/L Manganese E200.8 06/06/09 08:52 / sml ND mg/L 0.001 Mercury 0.1 E200.8 06/06/09 08:52 / sml ND mg/L Molybdenum 0.05 E200.8 06/06/09 08:52 / sml ND mg/L Nickel 0.001 E200.8 06/06/09 08:52 / sml 0.010 mg/L Selenium 06/06/09 08:52 / sml 0.0003 E200.8 0.187 mg/L Uranium 06/06/09 08:52 / sml 0.1 E200.8 Vanadium ND mg/L 06/06/09 08:52 / sml ND mg/L 0.01 E200.8 Zinc **METALS - TOTAL** 0.03 E200.7 06/16/09 22:05 / cp

Report

Manganese

Iron

RL - Analyte reporting limit.

ND

ND

mg/L

mg/L

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

0.01

ND - Not detected at the reporting limit.

E200.7

06/16/09 22:05 / cp



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-017

Client Sample ID: M-116

Report Date: 08/04/09 Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| | MCL/ | | | | | | | |
|------------------------------------|--------|-------|------------|----|-----|-------------|----------------------|--|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By | |
| RADIONUCLIDES - DISSOLVED | | | | | | | | |
| Gross Alpha | 174 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr | |
| Gross Alpha precision (±) | 6.1 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr | |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr | |
| Gross Beta | 48.4 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr | |
| Gross Beta precision (±) | 2.3 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr | |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr | |
| Radium 226 | 1.1 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah | |
| Radium 226 precision (±) | 0.24 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah | |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah | |
| Radium 228 | 1.8 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj | |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj | |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj | |
| DATA QUALITY | | | | | | | | |
| A/C Balance (± 5) | -4.34 | % | | | | Calculation | 06/15/09 15:36 / kbh | |
| Anions | 4.80 | meq/L | | | | Calculation | 06/15/09 15:36 / kbh | |
| Cations | 4.41 | meq/L | | | | Calculation | 06/15/09 15:36 / kbh | |
| Solids, Total Dissolved Calculated | 282 | mg/L | | | | Calculation | 06/15/09 15:36 / kbh | |
| TDS Balance (0.80 - 1.20) | 1.08 | - | | | | Calculation | 06/15/09 15:36 / kbh | |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-018

Client Sample ID: M-117

Report Date: 08/04/09

Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 108 | mg/L | | 1 | | A2320 B | 06/03/09 19:17 / IjI |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/03/09 19:17 / ljl |
| Bicarbonate as HCO3 | 132 | mg/L | | 1 | | A2320 B | 06/03/09 19:17 / lji |
| Calcium | 57 | mg/L | | 1 | | E200.7 | 06/16/09 17:07 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/09/09 13:53 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/05/09 16:18 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 17:07 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/04/09 15:14 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.10 | mg/L | | 0.05 | | E353.2 | 06/04/09 14:13 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 17:07 / cp |
| Silica | 13.2 | mg/L | | 0.2 | | E200.8 | 06/06/09 08:58 / sml |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 06/16/09 17:07 / cp |
| Sulfate | 121 | mg/L | | 1 | | E300.0 | 06/09/09 13:53 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 473 | umhos/cm | | 1 | | A2510 B | 06/02/09 14:35 / dd |
| pH | 8.08 | s.u. | | 0.01 | | A4500-H B | 06/02/09 14:35 / dd |
| Solids, Total Dissolved TDS @ 180 C | 309 | mg/L | | 10 | | A2540 C | 06/02/09 16:06 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:58 / sml |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 06/06/09 08:58 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:58 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:58 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 08:58 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 08:58 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 08:58 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 08:58 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 08:58 / sml |
| Manganese | 0.07 | mg/L | | 0.01 | | E200.8 | 06/06/09 08:58 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 08:58 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 08:58 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 08:58 / sml |
| Selenium | 0.012 | mg/L | | 0.001 | | E200.8 | 06/06/09 08:58 / sml |
| Uranium | 0.178 | mg/L | | 0.0003 | | E200.8 | 06/06/09 08:58 / sml |
| Vanadium | ND | mg/L | · | 0.1 | | E200.8 | 06/06/09 08:58 / sml |
| Zinc | 0.05 | mg/L | | 0.01 | | E200.8 | 06/06/09 08:58 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/16/09 22:09 / cp |
| Manganese | 0.06 | mg/L | | 0.01 | | E200.7 | 06/16/09 22:09 / cp |
| | | | | | | | |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-018

Client Sample ID: M-117

Report Date: 08/04/09

Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| • | Daniel 1 | | Overliffere | ъ. | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|----------|-------|-------------|----|-------------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | - GCL | Menioa | Analysis Date / Dy |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 192 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Alpha precision (±) | 6.3 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta | 60.0 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta precision (±) | 2.4 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Radium 226 | 1.4 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 226 precision (±) | 0.26 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 228 | 1.4 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.84 | % | | | | Calculation | 06/19/09 13:23 / kbh |
| Anions | 4.84 | meq/L | | | | Calculation | 06/19/09 13:23 / kbh |
| Cations | 4.57 | meq/L | | | | Calculation | 06/19/09 13:23 / kbh |
| Solids, Total Dissolved Calculated | 307 | mg/L | | | | Calculation | 06/19/09 13:23 / kbh |
| TDS Balance (0.80 - 1.20) | 1.01 | - | | | | Calculation | 06/19/09 13:23 / kbh |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-019

Client Sample ID: M-118

Report Date: 08/04/09 Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 105 | mg/L | | 1 | | A2320 B | 06/03/09 19:24 / Ijl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/03/09 19:24 / |
| Bicarbonate as HCO3 | 128 | mg/L | | 1 | | A2320 B | 06/03/09 19:24 / ljl |
| Calcium | 62 | mg/L | | 1 | | E200.7 | 06/16/09 17:11 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/10/09 23:22 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/05/09 16:21 / |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 17:11 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/04/09 15:15 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 14:14 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/16/09 17:11 / cp |
| Silica | 13.0 | mg/L | | 0.2 | | E200.8 | 06/06/09 09:05 / sml |
| Sodium | 37 | mg/L | | 1 | | E200.7 | 06/16/09 17:11 / cp |
| Sulfate | 150 | mg/L | | 1 | | E300.0 | 06/10/09 23:22 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 520 | umhos/cm | | 1 | | A2510 B | 06/02/09 14:37 / dd |
| pH | 7.79 | s.u. | | 0.01 | | A4500-H B | 06/02/09 14:37 / dd |
| Solids, Total Dissolved TDS @ 180 C | 353 | mg/L | | 10 | | A2540 C | 06/02/09 16:07 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 09:05 / sml |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 06/06/09 09:05 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 09:05 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 09:05 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 09:05 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 09:05 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 09:05 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 09:05 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 09:05 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 09:05 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 09:05 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 09:05 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 09:05 / sml |
| Selenium | 0.002 | mg/L | | 0.001 | | E200.8 | 06/06/09 09:05 / sml |
| Uranium | 0.192 | mg/L | (| 0.0003 | | E200.8 | 06/06/09 09:05 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 09:05 / sml |
| Zinc | 0.05 | mg/L | | 0.01 | | E200.8 | 06/06/09 09:05 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/16/09 22:13 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/16/09 22:13 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

Client Sample ID: M-118

C09060055-019

Report Date: 08/04/09

Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 257 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Alpha precision (±) | 7.4 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta | 81.2 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta precision (±) | 2.7 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Radium 226 | 30 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 226 precision (±) | 1.2 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 228 | 3.0 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.52 | % | | | | Calculation | 06/19/09 13:26 / kbh |
| Anions | 5.37 | meq/L | | | | Calculation | 06/19/09 13:26 / kbh |
| Cations | 5.01 | meq/L | | | | Calculation | 06/19/09 13:26 / kbh |
| Solids, Total Dissolved Calculated | 342 | mg/L | | | | Calculation | 06/19/09 13:26 / kbh |
| TDS Balance (0.80 - 1.20) | 1.03 | ŭ | | | | Calculation | 06/19/09 13:26 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek C09060055-020

Client Sample ID: M-120A

Report Date: 08/04/09

Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|---------------------------------------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | · · · · · · · · · · · · · · · · · · · | <u> </u> | | | | • | |
| Alkalinity, Total as CaCO3 | 45 | mg/L | | 1 | | A2320 B | 06/03/09 19:30 / ljl |
| Carbonate as CO3 | 2 | mg/L | | 1 | | A2320 B | 06/03/09 19:30 / ljl |
| Bicarbonate as HCO3 | 50 | mg/L | | 1 | | A2320 B | 06/03/09 19:30 / ljl |
| Calcium | 39 | mg/L | | 1 | | E200.7 | 06/11/09 20:01 / aae |
| Chloride | 22 | mg/L | | 1 | | E300.0 | 06/10/09 23:37 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/05/09 16:36 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/11/09 20:01 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/04/09 15:16 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 14:15 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 06/11/09 20:01 / aae |
| Silica | 13.5 | mg/L | | 0.2 | | E200.8 | 06/06/09 09:12 / sml |
| Sodium | 36 | mg/L | | 1 | | E200.7 | 06/11/09 20:01 / aae |
| Sulfate | 108 | mg/L | | 1 | | E300.0 | 06/10/09 23:37 / lji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 416 | umhos/cm | | 1 | | A2510 B | 06/02/09 14:39 / dd |
| Hq | 9.04 | s.u. | | 0.01 | | A4500-H B | 06/02/09 14:39 / dd |
| Solids, Total Dissolved TDS @ 180 C | 274 | mg/L | | 10 | | A2540 C | 06/02/09 16:07 / rp |
| METALS - DISSOLVED | | | | | | | |
| Alumínum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 09:12 / sml |
| Arsenic | 0.007 | mg/L | | 0.001 | | E200.8 | 06/06/09 09:12 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 09:12 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 09:12 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 09:12 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 09:12 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 09:12 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 09:12 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 09:12 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 09:12 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 09:12 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 09:12 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 09:12 / smi |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 09:12 / sml |
| Uranium | 0.0477 | mg/L | | 0.0003 | | E200.8 | 06/06/09 09:12 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 09:12 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 09:12 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/16/09 22:29 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/16/09 22:29 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-020

Client Sample ID: M-120A

Report Date: 08/04/09

Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 52.5 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Alpha precision (±) | 3.5 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta | 20.6 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Radium 226 | 0.91 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 226 precision (±) | 0.23 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/15/09 18:45 / jah |
| Radium 228 | 0.9 | pCi/L | U | | | RA-05 | 06/10/09 15:11 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.794 | % | | | | Calculation | 06/15/09 15:37 / kbh |
| Anions | 3.76 | meq/L | | | | Calculation | 06/15/09 15:37 / kbh |
| Cations | 3.82 | meq/L | | | | Calculation | 06/15/09 15:37 / kbh |
| Solids, Total Dissolved Calculated | 239 | mg/L | | | | Calculation | 06/15/09 15:37 / kbh |
| TDS Balance (0.80 - 1.20) | 1.15 | - | | | | Calculation | 06/15/09 15:37 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit. MDC - Minimum detectable concentration MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-021

Client Sample ID: M-121

Report Date: 08/04/09

Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyeee | Result | Umite | MCL/ its Qualifiers.RL QCL Method Analysis | | | | | | |
|-------------------------------------|--------|----------|---|--------|-----------|-----------------------|--|--|--|
| Analyses | Result | Units | Qualifiers | RL QCL | wiethod | Analysis Date / B | | | |
| MAJOR IONS | | | | | | | | | |
| Alkalinity, Total as CaCO3 | 115 | mg/L | | 1 | A2320 B | 06/03/09 19:38 / ljl | | | |
| Carbonate as CO3 | ND | mg/L | | 1 | A2320 B | 06/03/09 19:38 / ljl | | | |
| Bicarbonate as HCO3 | 141 | mg/L | | 1 | A2320 B | 06/03/09 19:38 / ljl | | | |
| Calcium | 62 | mg/L | | 1 | E200.7 | 06/11/09 20:06 / aad | | | |
| Chloride | 5 | mg/L | | 1 | E300.0 | 06/10/09 23:52 / ljl | | | |
| -luoride | 0.1 | mg/L | | 0.1 | A4500-F C | 06/05/09 16:39 / ljl | | | |
| Magnesium | 3 | mg/L | | 1 | E200.7 | 06/11/09 20:06 / aa | | | |
| Nitrogen, Ammonia as N | ND | mg/L | (| 0.05 | E350.1 | 06/04/09 15:18 / eli- | | | |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | (| 0.05 | E353.2 | 06/04/09 14:17 / eli- | | | |
| Potassium | 3 | mg/L | | 1 | E200.7 | 06/11/09 20:06 / aae | | | |
| Silica | 15.2 | mg/L | | 0.2 | E200.8 | 06/06/09 10:07 / sm | | | |
| Sodium | 38 | mg/L | | 1 | E200.7 | 06/11/09 20:06 / aad | | | |
| Sulfate | 129 | mg/L | | 1 | E300.0 | 06/10/09 23:52 / ljl | | | |
| PHYSICAL PROPERTIES | | | | | | | | | |
| Conductivity | 498 | umhos/cm | | 1 | A2510 B | 06/02/09 14:53 / dd | | | |
| pH . | 8.05 | s.u. | (| 0.01 | A4500-H B | 06/02/09 14:53 / dd | | | |
| Solids, Total Dissolved TDS @ 180 C | 346 | mg/L | | 10 | A2540 C | 06/02/09 16:07 / rp | | | |
| METALS - DISSOLVED | | | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | E200.8 | 06/06/09 10:07 / sm | | | |
| Arsenic | 0.003 | mg/L | 0 | .001 | E200.8 | 06/06/09 10:07 / sm | | | |
| 3arium | ND | mg/L | | 0.1 | E200.8 | 06/06/09 10:07 / sm | | | |
| 3oron Soron | ND | mg/L | | 0.1 | E200.8 | 06/06/09 10:07 / sm | | | |
| Cadmium | ND | mg/L | 0 | .005 | E200.8 | 06/06/09 10:07 / sm | | | |
| Chromium | ND | mg/L | (| 0.05 | E200.8 | 06/06/09 10:07 / sm | | | |
| Copper | ND | mg/L | C | 0.01 | E200.8 | 06/06/09 10:07 / sm | | | |
| ron | ND | mg/L | (| 0.03 | E200.8 | 06/06/09 10:07 / sm | | | |
| _ead | ND | mg/L | 0 | .001 | E200.8 | 06/06/09 10:07 / sm | | | |
| Manganese | 0.04 | mg/L | (| 0.01 | E200.8 | 06/06/09 10:07 / sm | | | |
| Mercury | ND | mg/L | 0 | .001 | E200.8 | 06/06/09 10:07 / sm | | | |
| Molybdenum | ND | mg/L | 1 | 0.1 | E200.8 | 06/06/09 10:07 / sm | | | |
| Nickel | ND | mg/L | (|).05 | E200.8 | 06/06/09 10:07 / sm | | | |
| Selenium | ND | mg/L | 0 | .001 | E200.8 | 06/06/09 10:07 / sm | | | |
| Jranium | 0.0423 | mg/L | 0. | 0003 | E200.8 | 06/06/09 10:07 / sm | | | |
| /anadium | ND | mg/L | | 0.1 | E200.8 | 06/06/09 10:07 / sm | | | |
| Zinc | ND | mg/L | |).01 | E200.8 | 06/06/09 10:07 / sm | | | |
| METALS - TOTAL | | | | | | | | | |
| ron | ND | mg/L | (| 0.03 | E200.7 | 06/16/09 22:37 / cp | | | |
| Vianganese | 0.03 | mg/L | | 0.01 | E200.7 | 06/16/09 22:37 / cp | | | |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID: Client Sample ID: M-121

C09060055-021

Report Date: 08/04/09

Collection Date: 06/01/09 DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 53.5 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Alpha precision (±) | 3.6 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta | 17.0 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Radium 226 | 1.4 | pCi/L | | | | E903.0 | 06/15/09 22:39 / jah |
| Radium 226 precision (±) | 0.27 | pCi/L | | | | E903.0 | 06/15/09 22:39 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/15/09 22:39 / jah |
| Radium 228 | 1.6 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| Radium 228 precision (±) | 8.0 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.674 | % | | | | Calculation | 06/15/09 15:38 / kbh |
| Anions | 5.14 | meq/L | | | | Calculation | 06/15/09 15:38 / kbh |
| Cations | 5.07 | meq/L | | | | Calculation | 06/15/09 15:38 / kbh |
| Solids, Total Dissolved Calculated | 309 | mg/L | | | | Calculation | 06/15/09 15:38 / kbh |
| TDS Balance (0.80 - 1.20) | 1.12 | - | | | | Calculation | 06/15/09 15:38 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit. MDC - Minimum detectable concentration MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-022

Client Sample ID: M-130

Report Date: 08/04/09

Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | OCT WCT | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|------------|-----------|------------------------|
| MAJOR IONS | - | | | | | | |
| Alkalinity, Total as CaCO3 | 2 | mg/L | | 1 | | A2320 B | 06/03/09 19:43 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/03/09 19:43 / ljl |
| Bicarbonate as HCO3 | 2 | mg/L | | 1 | | A2320 B | 06/03/09 19:43 / ljl |
| Calcium | ND | mg/L | | 1 | | E200.7 | 06/11/09 20:12 / aae |
| Chloride | ND | mg/L | | 1 | | E300.0 | 06/11/09 00:08 / Ijl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 06/05/09 16:46 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/11/09 20:12 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/04/09 15:21 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/04/09 14:20 / eli-b |
| Potassium | ND | mg/L | | 1 | | E200.7 | 06/11/09 20:12 / aae |
| Silica | ND | mg/L | | 0.2 | | E200.8 | 06/06/09 10:14 / sml |
| Sodium | ND | mg/L | | 1 | | E200.7 | 06/11/09 20:12 / aae |
| Sulfate | ND | mg/L | | 1 | | E300.0 | 06/11/09 00:08 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 2 | umhos/cm | | 1 | | A2510 B | 06/02/09 14:58 / dd |
| pH | 5.96 | s.u. | | 0.01 | | A4500-H B | 06/02/09 14:58 / dd |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | | 10 | | A2540 C | 06/02/09 16:07 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 10:14 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 10:14 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 10:14 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 10:14 / sml |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 10:14 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 10:14 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 10:14 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.8 | 06/06/09 10:14 / sml |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 10:14 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 10:14 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 10:14 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 10:14 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 10:14 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 10:14 / sml |
| Uranjum | ND | mg/L | | 0.0003 | | E200.8 | 06/06/09 10:14 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 10:14 / sml |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 06/06/09 10:14 / sml |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/16/09 22:42 / cp |
| nen | ND | mg/L | | 0.01 | | E200.7 | 06/16/09 22:42 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060055-022

Client Sample ID: M-130

Report Date: 08/04/09

Collection Date: 06/01/09

DateReceived: 06/02/09

Matrix: Aqueous

| Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---------|---|--|--|--|--------------------------------------|---|
| | | | ••• | | | |
| 0.7 | pCi/L | U | | | E900.0 | 06/24/09 09:16 / cgr |
| 0.7 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| 1.1 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| -0.08 | pCi/L | U | | | E900.0 | 06/24/09 09:16 / cgr |
| 1.5 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| 2.5 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| 0.006 | pCi/L | U | | | E903.0 | 06/15/09 22:39 / jah |
| 0.12 | pCi/L | | | | E903.0 | 06/15/09 22:39 / jah |
| 0.20 | pCi/L | | | | E903.0 | 06/15/09 22:39 / jah |
| -0.1 | pCi/L | U | | | RA-05 | 06/10/09 15:11 / plj |
| 0.7 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| 1.2 | pCi/L | | | | RA-05 | 06/10/09 15:11 / plj |
| | | | | | | |
| -63.6 | % | | | | Calculation | 06/18/09 08:23 / kbh |
| 0.0352 | meq/L | | | | Calculation | 06/18/09 08:23 / kbh |
| 0.00783 | meq/L | | | | Calculation | 06/18/09 08:23 / kbh |
| | 0.7 0.7 1.1 -0.08 1.5 2.5 0.006 0.12 0.20 -0.1 0.7 1.2 | 0.7 pCi/L 0.7 pCi/L 1.1 pCi/L -0.08 pCi/L 1.5 pCi/L 2.5 pCi/L 0.006 pCi/L 0.12 pCi/L 0.20 pCi/L -0.1 pCi/L 0.7 pCi/L 1.2 pCi/L 1.2 pCi/L 1.2 pCi/L 1.2 pCi/L | 0.7 pCi/L U 0.7 pCi/L 1.1 pCi/L -0.08 pCi/L 1.5 pCi/L 2.5 pCi/L 0.006 pCi/L 0.12 pCi/L 0.20 pCi/L -0.1 pCi/L 1.2 pCi/L 1.2 pCi/L 0.7 pCi/L 1.2 pCi/L 1.2 pCi/L | 0.7 pCi/L U 0.7 pCi/L 1.1 pCi/L -0.08 pCi/L U 1.5 pCi/L 2.5 pCi/L 0.006 pCi/L U 0.12 pCi/L 0.20 pCi/L -0.1 pCi/L 0.7 pCi/L 1.2 pCi/L 1.2 pCi/L 1.2 pCi/L 1.2 pCi/L | Result Units Qualifiers RL QCL | Result Units Qualifiers RL QCL Method |

The ion balance is not appropriate for near blank results.

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit. MDC - Minimum detectable concentration MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 08/04/09

Work Order: C09060055

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLImit | Qual |
|------------------------------|-------------|----------------|------------------|---------|------|------------|---------------|----------|------------|-----------|
| Method: A2320 B | | | | | | | | | Batch: | : R11906 |
| Sample ID: MBLK | <u>3</u> Me | thod Blank | | | | Run: MANT | ECH_090603A | | 06/03 | /09 12:56 |
| Alkalinity, Total as CaCO3 | | 3 | mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | | ND | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | | 4 | mg/L | 1 | | | | | | |
| Sample ID: LCS1 | La | boratory Cor | itrol Sample | | | Run: MANT | ECH_090603A | | 06/03 | /09 13:10 |
| Alkalinity, Total as CaCO3 | | 203 | mg/L | 5.0 | 100 | 90 | 110 | | | |
| Sample ID: LCS | La | boratory Cor | troi Sample | | | Run: MANT | ECH_090603A | | 06/03 | /09 13:17 |
| Alkalinity, Total as CaCO3 | | 53.4 | mg/L | 5.0 | 100 | 90 | 110 | | | |
| Sample ID: C09060037-001BMS | Sa | mple Matrix | Spike | | | Run: MANT | ECH_090603A | | 06/03 | /09 15:26 |
| Alkalinity, Total as CaCO3 | | 622 | mg/L | 5.0 | 101 | 80 | 120 | | | |
| Sample ID: C09060037-001BMSD |) Sa | mple Matrix | Spike Duplicate | 1 | | Run: MANT | ECH_090603A | | 06/03 | /09 15:34 |
| Alkalinity, Total as CaCO3 | | 621 | mg/L | 5.0 | 99 | 80 | 120 | 0.3 | 20 | |
| Sample ID: C09060055-005AMS | Sa | mple Matrix | Spike | | | Run: MANT | ECH_090603A | | 06/03 | /09 17:09 |
| Alkalinity, Total as CaCO3 | | 257 | mg/L | 5.0 | 101 | 80 | 120 | | | |
| Sample ID: C09060055-005AMSD |) Sa | mple Matrix | Spike Duplicate | ! | | Run: MANT | ECH_090603A | | 06/03 | /09 17:17 |
| Alkalinity, Total as CaCO3 | | 259 | mg/L | 5.0 | 102 | 80 | 120 | 0.7 | 20 | |
| Sample ID: C09060055-015AMS | Sa | mple Matrix | Spike | | | Run: MANT | ECH_090603A | | 06/03 | /09 18:47 |
| Alkalinity, Total as CaCO3 | | 228 | mg/L | 5.0 | 98 | 80 | 120 | | | |
| Sample ID: C09060055-015AMSD |) Sa | mple Matrix | Spike Duplicate | ! | | Run: MANT | ECH_090603A | | 06/03 | /09 18:54 |
| Alkalinity, Total as CaCO3 | | 231 | mg/L | 5.0 | 100 | 80 | 120 | 1.4 | 20 | |
| Method: A2510 B | | | | | | | Analytica | l Run: (| DRION555A | _090602/ |
| Sample ID: ICV2_090602_3 | Init | ial Calibratio | n Verification S | tandard | | | | | 06/02 | /09 13:49 |
| Conductivity | | 1360 ເ | ımhos/cm | 1.0 | 96 | 90 | 110 | | | |
| Method: A2510 B | | | | • | | | Bat | ch: 090 | 602_3_PH-V | N_555A- |
| Sample ID: MBLK1_090602_3 | Me | thod Blank | | | | Run: ORIOI | N555A_090602A | | 06/02 | /09 13:45 |
| Conductivity | | 1 ι | ımhos/cm | 0.2 | | | _ | | | |
| Sample ID: C09060055-010ADUP | ' Sa | mple Duplica | ate | | | Run: ORIOI | N555A_090602A | | 06/02 | /09 14:18 |
| Conductivity | | 517 u | ımhos/cm | 1.0 | | | | 0.2 | 10 | |
| Sample ID: C09060055-020ADUP | Sa | mple Duplica | ite | | | Run: ORIO | N555A_090602A | | 06/02 | /09 14:41 |
| Conductivity | | | ımhos/cm | 1.0 | | | _ | 0.2 | 10 | |
| Sample ID: C09060081-001ADUP | Sa | mple Duplica | ate | | | Run: ORIOI | N555A_090602A | | 06/02 | /09 15:14 |
| Conductivity | | | ımhos/cm | 1.0 | | | | 0.7 | 10 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc.

Report Date: 08/04/09

Project: Lost Creek

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------------|-------|--------------|-----------------|----|------|------------|------------|-----------|------------|------------|
| Method: A2540 C | | | | • | | | | Batch: 09 | 0602_1_SLE | S-TDS-W |
| Sample ID: LCS2_090602 | La | boratory Co | ntrol Sample | | | Run: BAL-1 | _090602B | | 06/02 | 2/09 16:05 |
| Solids, Total Dissolved TDS @ 180 | C | 996 | mg/L | 10 | 100 | 90 | 110 | | | |
| Sample ID: MBLK2_090602 | Ме | ethod Blank | | | | Run: BAL-1 | _090602B | | 06/02 | 2/09 16:05 |
| Solids, Total Dissolved TDS @ 180 | С | ND | mg/L | 6 | | | | | | |
| Sample ID: C09060059-001AMS | Sa | ımple Matrix | Spike | | | Run: BAL-1 | _090602B | | 06/02 | 2/09 16:08 |
| Solids, Total Dissolved TDS @ 180 | C | 2330 | mg/L | 10 | 103 | 90 | 110 | | | |
| Sample ID: C09060059-001AMSD | Sa | mple Matrix | Spike Duplicate | | | Run: BAL-1 | _090602B | | 06/02 | 2/09 16:08 |
| Solids, Total Dissolved TDS @ 180 | C | 2330 | mg/L | 10 | 102 | 90 | 110 | 0.1 | 10 | |
| Method: A2540 C | | | | | | | | Batch: 09 | 0603_2_SLD | S-TDS-W |
| Sample ID: C09060038-002AMS | Sa | mple Matrix | Spike | | | Run: BAL-1 | _090603D | | 06/03 | 3/09 00:00 |
| Solids, Total Dissolved TDS @ 180 | С | 4810 | mg/L | 10 | 102 | 90 | 110 | | | |
| Sample ID: C09060038-002AMSD | Sa | mple Matrix | Spike Duplicate | | | Run: BAL-1 | _090603D | | 06/03 | 3/09 00:00 |
| Solids, Total Dissolved TDS @ 180 | С | 4820 | mg/L | 10 | 102 | 90 | 110 | 0.2 | 10 | |
| Sample ID: LCS3_ | La | boratory Co | ntrol Sample | | | Run: BAL-1 | _090603D | | 06/03 | 3/09 11:53 |
| Solids, Total Dissolved TDS @ 180 | C | 996 | mg/L | 10 | 99 | 90 | 110 | | | |
| Sample ID: MBLK3_ | Ме | thod Blank | | | | Run: BAL-1 | _090603D | | 06/03 | /09 11:53 |
| Solids, Total Dissolved TDS @ 180 | C | 10 | mg/L | 6 | | | | | | |
| Sample ID: C09060141-005AMS | Sa | mple Matrix | Spike | | | Run: BAL-1 | _090603D | | 06/03 | /09 00:00 |
| Solids, Total Dissolved TDS @ 180 | С | 2450 | mg/L | 10 | 105 | 90 | 110 | | | |
| Sample ID: C09060141-005AMSD | Sa | mple Matrix | Spike Duplicate | | | Run: BAL-1 | _090603D | | 06/03 | /09 00:00 |
| Solids, Total Dissolved TDS @ 180 | C | 2410 | mg/L | 10 | 102 | 90 | 110 | 1.7 | 10 | |
| Solids, Total Dissolved TDS @ 180 | C | 2410 | mg/L | 10 | 102 | 90 | 110 | 1.7 | 10 | |



Client: UR Energy USA Inc

Report Date: 08/04/09

Project: Lost Creek

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---------------|------------------|-------|---------------|-----------------|----------|------|-----------|---------------|----------|------------|-----------|
| Method: A | A4500-F C | | | | | | | | _ | Batch: | R119186 |
| Sample ID: N | MBLK-1 | Me | thod Blank | | | | Run: MANT | ECH_090605A | | 06/05 | /09 11:28 |
| Fluoride | | | ND | mg/L | 0.05 | | | | | | |
| Sample ID: L | .CS-1 | Lat | oratory Co | ntrol Sample | | | Run: MANT | ECH_090605A | | 06/05 | /09 11:31 |
| Fluoride | | | 0.980 | mg/L | 0.10 | 98 | 90 | 110 | | | |
| Sample ID: C | 09060055-006AMS | Sa | mple Matrix | Spike | | | Run: MANT | ECH_090605A | | 06/05 | /09 15:14 |
| Fluoride | | | 1.10 | mg/L | 0.10 | 99 | 80 | 120 | | | |
| Sample ID: C | 09060055-006AMSD | Sai | mple Matrix | Spike Duplica | ate | | Run: MANT | ECH_090605A | | 06/05 | /09 15:17 |
| Fluoride | | | 1.12 | mg/L | 0.10 | 101 | 80 | 120 | 1.8 | 10 | |
| Sample ID: C | 09060055-016AMS | Sa | mple Matrix | Spike | | | Run: MANT | ECH_090605A | | 06/05 | /09 16:10 |
| Fluoride | | | 1.17 | mg/L | 0.10 | 102 | 80 | 120 | | | |
| Sample ID: C | 09060055-016AMS | Sa | mple Matrix | Spike Duplica | ate | | Run: MANT | ECH_090605A | | 06/05 | /09 16:13 |
| Fluoride | | | 1.17 | mg/L | 0.10 | 102 | 80 | 120 | 0 | 10 | |
| Sample ID: C | 09060059-002AMS | Sai | mple Matrix | Spike | | | Run: MANT | ECH_090605A | | 06/05 | /09 16:54 |
| Fluoride | | | 1.26 | mg/L | 0.10 | 99 | 80 | 120 | | | |
| Sample ID: C | 09060059-002AMSD | Sai | mple Matrix | Spike Duplica | ite | | Run: MANT | ECH_090605A | | 06/05 | /09 16:57 |
| Fluoride | | | 1.26 | mg/L | 0.10 | 99 | 80 | 120 | 0 | 10 | |
| Method: A | A4500-H B | | | | | | | Analytica | l Run: 0 | ORION555A | _090602A |
| Sample ID: 10 | CV1_090602_3 | Init | ial Calibrati | on Verification | Standard | | | | | 06/02 | /09 13:48 |
| pH | | | 6.93 | s.u. | 0.010 | 101 | 98 | 102 | | | |
| Method: A | A4500-H B | | | | | | | Bat | ch: 090 | 602_3_PH-V | N_555A-2 |
| Sample ID: C | 09060055-010ADUP | Sai | mple Duplic | ate | | | Run: ORIO | N555A_090602A | | 06/02 | /09 14:18 |
| рH | | | 7.90 | s.u. | 0.010 | | | | 1 | 10 | |
| Sample ID: C | 09060055-020ADUP | Sai | mple Duplic | ate | | | Run: ORIO | N555A_090602A | | 06/02 | /09 14:41 |
| pН | | | 9.04 | s.u. | 0.010 | | | | 0 | 10 | |
| Sample ID: C | 09060081-001ADUP | Sai | mple Duplic | ate | | | Run: ORIO | N555A_090602A | | 06/02 | /09 15:14 |
| pН | | | 8.06 | s.u. | 0.010 | | | | 0.1 | 10 | |



Client: UR Energy USA Inc

Report Date: 08/04/09

Project: Lost Creek

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|--------------|-----------------|-------|------|------------|------------|-----|----------|-----------|
| Method: E200.7 | | | | | - | | | | Bat | ch: 22597 |
| Sample ID: MB-22597 | <u>2</u> Mo | ethod Blank | | | | Run: ICP2- | C_090618A | | 06/18 | /09 23:58 |
| Iron | | ND | mg/L | 0.03 | | | | | | |
| Manganese | | ND | mg/L | 0.007 | | | | | | |
| Sample ID: LCS3-22597 | <u>2</u> La | boratory Cor | itrol Sample | | | Run: ICP2- | C_090618A | | 06/19 | /09 00:02 |
| Iron | | 2.63 | mg/L | 0.033 | 105 | 85 | 115 | | | |
| Manganese | | 2.57 | mg/L | 0.010 | 103 | 85 | 115 | | | |
| Sample ID: C09060133-001AMS3 | 3 <u>2</u> Sa | ımple Matrix | Spike | | | Run: ICP2- | C_090618A | | 06/19 | /09 00:14 |
| Iron | | 6.80 | mg/L | 0.066 | 122 | 70 | 130 | | | |
| Manganese | | 2.86 | mg/L | 0.013 | 106 | 70 | 130 | | | |
| Sample ID: C09060133-001AMSI | D <u>2</u> Sa | imple Matrix | Spike Duplicate | | | Run: ICP2- | C_090618A | | 06/19 | /09 00:18 |
| Iron | | 6.78 | mg/L | 0.066 | 121 | 70 | 130 | 0.3 | 20 | |
| Manganese | | 2.87 | mg/L | 0.013 | 107 | 70 | 130 | 0.5 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 08/04/09

Work Order: C09060055

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|---------------|-----------------|------|------|-------------|------------|-----|----------|-----------|
| Method: E200.7 | | | | | | | | | Batch: | R119437 |
| Sample ID: LRB | <u>4</u> Me | thod Blank | | | | Run: ICP3- | C_090611A | | 06/11 | /09 14:13 |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Potassium | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: LFB | <u>4</u> Lai | boratory Fort | ified Blank | | | Run: ICP3- | C_090611A | | 06/11 | /09 14:18 |
| Calcium | | 46.7 | mg/L | 0.50 | 93 | 85 | 115 | | | |
| Magnesium | | 47.9 | mg/L | 0.50 | 96 | 85 | 115 | | | |
| Potassium | | 47.6 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Sodium | | 49.0 | mg/L | 0.50 | 98 | 85 | 115 | | | |
| Sample ID: MB-22574 | <u>4</u> Me | thod Blank | | | | Run: ICP3- | C_090611A | | 06/11 | /09 16:46 |
| Calcium | | МĎ | mg/L | 0.2 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Potassium | | 0.09 | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: C09060055-007BMS | <u>4</u> Sa | mple Matrix | Spike | | | Run: ICP3- | C_090611A | | 06/11 | /09 17:53 |
| Calcium | | 139 | mg/L | 1.0 | 85 | 70 | 130 | | | |
| Magnesium | | 52.7 | mg/L | 1.0 | 97 | 70 | 130 | | | |
| Potassium | | 60.9 | mg/L | 1.0 | 101 | 70 | 130 | | | |
| Sodium | | 83.5 | mg/L | 1.0 | 96 | 70 | 130 | | | |
| Sample ID: C09060055-007BMSI | 0 <u>4</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP3-6 | C_090611A | | 06/11 | /09 17:58 |
| Calcium | | 140 | mg/L | 1.0 | 87 | 70 | 130 | 0.6 | 20 | |
| Magnesium | | 58.8 | mg/L | 1.0 | 109 | 70 | 130 | 11 | 20 | |
| Potassium | | 67.1 | mg/L | 1.0 | 113 | 70 | 130 | 9.7 | 20 | |
| Sodium | | 88.5 | mg/L | 1.0 | 106 | 70 | 130 | 5.8 | 20 | |
| Sample ID: C09060055-017BMS | <u>4</u> Sa | mple Matrix | Spike | | | Run: ICP3-0 | C_090611A | | 06/11/ | /09 19:34 |
| Calcium | | 100 | mg/L | 1.0 | 90 | 70 | 130 | | | |
| Magnesium | | 53.4 | mg/L | 1.0 | 100 | 70 | 130 | | | |
| Potassium | | 54.9 | mg/L | 1.0 | 102 | 70 | 130 | | | |
| Sodium | | 83.8 | mg/L | 1.0 | 99 | 70 | 130 | | | |
| Sample ID: C09060055-017BMSI |) <u>4</u> Sai | mple Matrix | Spike Duplicate | | | Run: ICP3-0 | C_090611A | | 06/11/ | /09 19:39 |
| Calcium | | 97.1 | mg/L | 1.0 | 85 | 70 | 130 | 2.9 | 20 | |
| Magnesium | | 46.8 | mg/L | 1.0 | 87 | 70 | 130 | 13 | 20 | |
| Potassium | | 49.0 | mg/L | 1.0 | 90 | 70 | 130 | 11 | 20 | |
| Sodium | | 78.9 | mg/L | 1.0 | 89 | 70 | 130 | 6.1 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 08/04/09

Work Order: C09060055

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|--------------|--|-------|------|-------------|------------|-----|----------|----------|
| Method: E200.7 | | | ······································ | - | | | | | Batch: | R119716 |
| Sample ID: MB-090616A | <u>6</u> Me | thod Blank | | | | Run: ICP2- | C 090616A | | 06/16/ | 09 12:33 |
| Calcium | | ND | mg/L | 0.2 | | | - - | | | |
| Iron | | ND | mg/L | 0.005 | | | | | | |
| Magnesium | | ND | mg/L | 0.09 | | | | | | |
| Manganese | | ND | mg/L | 0.001 | | | | | | |
| Potassium | | ND | mg/L | 0.1 | | | | | | |
| Sodium | | ND | mg/L | 0.2 | | | | | | |
| Sample ID: LFB-090616A | <u>6</u> Lai | boratory For | tified Blank | | | Run: ICP2-0 | C_090616A | | 06/16/ | 09 12:37 |
| Calcium | | 50.8 | mg/L | 0.50 | 102 | 85 | 115 | | | |
| Iron | | 1.01 | mg/L | 0.030 | 101 | 85 | 115 | | | |
| Magnesium | | 49.9 | mg/L | 0.50 | 100 | 85 | 115 | | | |
| Manganese | | 0.973 | mg/L | 0.010 | 97 | 85 | 115 | | | |
| Potassium | | 45.1 | mg/L | 0.50 | 90 | 85 | 115 | | | |
| Sodium | | 47.7 | mg/L | 0.50 | 95 | 85 | 115 | | | |
| Sample ID: MB-22574 | <u>6</u> Me | thod Blank | | | | Run: ICP2-0 | C_090616A | | 06/16/ | 09 14:26 |
| Calcium | | ND | mg/L | 0.5 | | | | | | |
| Iron | | ND | mg/L | 0.01 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Manganese | | ND | mg/L | 0.003 | | | | | | |
| Potassium | | ND | mg/L | 0.2 | | | | | | |
| Sodium | | ND | mg/L | 0.5 | | | | | | |
| Sample ID: C09060055-002BMS2 | 6 Sa | mple Matrix | Spike | | | Run: ICP2-0 | C_090616A | | 06/16/ | 09 14:42 |
| Calcium | | 222 | mg/L | 1.0 | 104 | 70 | 130 | | | |
| Iron | | 2.04 | mg/L | 0.030 | 100 | 70 | 130 | | | |
| Magnesium | | 104 | mg/L | 1.0 | 98 | 70 | 130 | | | |
| Manganese | | 2.02 | mg/L | 0.010 | 98 | 70 | 130 | | | |
| Potassium | | 94.1 | mg/L | 1.0 | 88 | 70 | 130 | | | |
| Sodium | | 128 | mg/L | 1.0 | 97 | 70 | 130 | | | |
| Sample ID: C09060055-002BMS |) <u>6</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP2-0 | C_090616A | | 06/16/ | 09 14:46 |
| Calcium | | 223 | mg/L | 1.0 | 105 | 70 | 130 | 0.4 | 20 | |
| Iron | | 2.02 | mg/L | 0.030 | 99 | 70 | 130 | 0.8 | 20 | |
| Magnesium | | 105 | mg/L | 1.0 | 99 | 70 | 130 | 0.6 | 20 | |
| Manganese | | 2.01 | mg/L | 0.010 | 98 | 70 | 130 | 0.5 | 20 | |
| Potassium | | 94.8 | mg/L | 1.0 | 89 | 70 | 130 | 8.0 | 20 | |
| Sodium | | 129 | mg/L | 1.0 | 98 | 70 | 130 | 0.2 | 20 | |
| Sample ID: C09060055-012BMS2 | 6 Sa | mple Matrix | • | | | Run: ICP2-0 | | | 06/16/ | 09 16:23 |
| Calcium | | 175 | mg/L | 1.0 | 97 | 70 | 130 | | | |
| Iron | | 2.00 | mg/L | 0.030 | 98 | 70 | 130 | | | |
| Magnesium | | 103 | mg/L | 1.0 | 98 | 70 | 130 | | | |
| Manganese | | 1.97 | mg/L | 0.010 | 96 | 70 | 130 | | | |
| Potassium | | 94.9 | mg/L | 1.0 | 90 | 70 | 130 | | | |
| Sodium | | 129 | mg/L | 1.0 | 99 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 08/04/09

Work Order: C09060055

| Analyte | | Coun | t Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------|----------------------------------|------------|---------------|-----------------|-------|------|-------------|------------|-----|----------|-----------|
| Method: | E200.7 | | | | | | | | | Batch: | R119716 |
| Sample ID: | C09060 <mark>055-012BMS</mark> 2 | <u>6</u> | Sample Matrix | Spike | | | Run: ICP2- | C_090616A | | 06/16/ | /09 16:23 |
| Sample ID: (| C09060055-012BMSE |) <u>6</u> | Sample Matrix | Spike Duplicate | | | Run: ICP2-6 | C_090616A | | 06/16/ | /09 16:27 |
| Calcium | | | 176 | mg/L | 1.0 | 98 | 70 | 130 | 0.7 | 20 | |
| Iron | | | 2.04 | mg/L | 0.030 | 100 | 70 | 130 | 2 | 20 | |
| Magnesium | | | 103 | mg/L | 1.0 | 98 | 70 | 130 | 0.6 | 20 | |
| Manganese | | | 2.02 | mg/L | 0.010 | 99 | 70 | 130 | 2.6 | 20 | |
| Potassium | | | 93.7 | mg/L | 1.0 | 89 | 70 | 130 | 1.3 | 20 | |
| Sodium | | | 129 | mg/L | 1.0 | 99 | 70 | 130 | 0.2 | 20 | |
| Sample ID: 0 | C09060055-022BMS2 | <u>6</u> | Sample Matrix | Spike | | | Run: ICP2-0 | C_090616A | | 06/16/ | 09 18:16 |
| Calcium | | | 100 | mg/L | 1.0 | 98 | 70 | 130 | | | |
| Iron | | | 1.95 | mg/L | 0.030 | 96 | 70 | 130 | | | |
| Magnesium | | | 102 | mg/L | 1.0 | 100 | 70 | 130 | | | |
| Manganese | | | 1.99 | mg/L | 0.010 | 98 | 70 | 130 | | | |
| Potassium | | | 92.8 | mg/L | 1.0 | 91 | 70 | 130 | | | |
| Sodium | | | 99.9 | mg/L | 1.0 | 98 | 70 | 130 | | | |
| Sample ID: 0 | 09060 055-022BMS D | <u>6</u> | Sample Matrix | Spike Duplicate | | | Run: ICP2-0 | C_090616A | | 06/16/ | 09 18:20 |
| Calcium | | | 99.1 | mg/L | 1.0 | 97 | 70 | 130 | 1.3 | 20 | |
| Iron | | | 1.97 | mg/L | 0.030 | 97 | 70 | 130 | 1.1 | 20 | |
| Magnesium | | | 99.5 | mg/L | 1.0 | 98 | 70 | 130 | 2.4 | 20 | |
| Manganese | | | 2.02 | mg/L | 0.010 | 99 | 70 | 130 | 1.5 | 20 | |
| Potassium | | | 91.9 | mg/L | 1.0 | 90 | 70 | 130 | 1 | 20 | |
| Sodium | | | 99.3 | mg/L | 1.0 | 97 | 70 | 130 | 0.6 | 20 | |
| Sample ID: 0 | 09060055-010CMS2 | <u>6</u> | Sample Matrix | Spike | | | Run: ICP2-0 | C_090616A | | 06/16/ | 09 20:40 |
| Calcium | | | 174 | mg/L | 1.0 | 98 | 70 | 130 | | | |
| Iron | | | 2.05 | mg/L | 0.067 | 101 | 70 | 130 | | | |
| Magnesium | | | 104 | mg/L | 1.0 | 98 | 70 | 130 | | | |
| Manganese | | | 2.05 | mg/L | 0.014 | 101 | 70 | 130 | | | |
| Potassium | | | 96.5 | mg/L | 1.0 | 93 | 70 | 130 | | | |
| Sodium | | | 134 | mg/L | 2.2 | 102 | 70 | 130 | | | |
| Sample ID: 0 | 09060055-010CMSD | <u>6</u> | Sample Matrix | Spike Duplicate | | | Run: ICP2-C | C_090616A | | 06/16/ | 09 20:44 |
| Calcium | | | 174 | mg/L | 1.0 | 98 | 70 | 130 | 0.2 | 20 | |
| Iron | | | 2.03 | mg/L | 0.067 | 99 | 70 | 130 | 1.4 | 20 | |
| Magnesium | | | 103 | mg/L | 1.0 | 98 | 70 | 130 | 0.4 | 20 | |
| Manganese | | | 2.07 | mg/L | 0.014 | 101 | 70 | 130 | 0.7 | 20 | |
| Potassium | | | 97.4 | mg/L | 1.0 | 93 | 70 | 130 | 1 | 20 | |
| Sodium | | | 136 | mg/L | 2.2 | 104 | 70 | 130 | 1.5 | 20 | |

Qualifiers:



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 08/04/09

Work Order: C09060055

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Llmit | RPD | RPDLimit | Qual |
|------------------------------|---------------|-------------|--------------|---------|------|------------|--------------|-----|----------|-----------|
| Method: E200.8 | | | | | | | | | Batch | R11918 |
| Sample ID: LRB | <u>18</u> Me | hod Blank | | | | Run: ICPM | S4-C_090605A | | 06/05 | /09 13:26 |
| Aluminum | | ND | mg/L | 0.0004 | | | _ | | | |
| Arsenic | | ND | mg/L | 5E-05 | | | | | | |
| Barium | | ND | mg/L | 4E-05 | | | | | | |
| Boron | | ND | mg/L | 0.0004 | | | | | | |
| Cadmium | | ND | mg/L | 4E-05 | | | | | | |
| Chromium | | ND | mg/L | 4E-05 | | | | | | |
| Copper | | ND | mg/L | 7E-05 | | | | | | |
| Iron | | ND | mg/L | 0.0006 | | | | | | |
| Lead | | ND | mg/L | 2E-05 | | | | | | |
| Manganese | | ND | mg/L | 3E-05 | | | | | | |
| Mercury | | ND | mg/L | 4E-05 | | | | | | |
| Molybdenum | | ND | mg/L | 0.0001 | | | | | | |
| Nickel | | ND | mg/L | 6E-05 | | | | | | |
| Selenium | | ND | mg/L | 3E-05 | | | | | | |
| Silicon | | 0.0005 | mg/L | 0.0003 | | | | | | |
| Uranium | | ND | mg/L | 3E-05 | | | | | | |
| Vanadium | | ND | mg/L | 4E-05 | | | | | | |
| Zinc | | ND | mg/L | 0.0002 | | | | | | |
| Sample ID: LFB | <u>18</u> Lab | oratory For | tified Blank | | | Run: ICPMS | 64-C_090605A | | 06/05 | /09 14:1 |
| Aluminum | | 0.0553 | mg/L | 0.0010 | 110 | 85 | 115 | | | |
| Arsenic | | 0.0527 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Barium | | 0.0523 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Boron | | 0.0515 | mg/L | 0.0010 | 103 | 85 | 115 | | | |
| Cadmium | | 0.0530 | mg/L | 0.0010 | 106 | 85 | 115 | | | |
| Chromium | | 0.0531 | mg/L | 0.0010 | 106 | 85 | 115 | | | |
| Copper | | 0.0534 | mg/L | 0.0010 | 107 | 85 | 115 | | | |
| Iron | | 1.31 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Lead | | 0.0521 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Manganese | | 0.0525 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Mercury | | 0.00525 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Molybdenum | | 0.0515 | mg/L | 0.0010 | 103 | 85 | 115 | | | |
| Nickel | | 0.0532 | mg/L | 0.0010 | 106 | 85 | 115 | | | |
| Selenium | | 0.0532 | mg/L | 0.0010 | 106 | 85 | 115 | | | |
| Silicon | | 0.283 | mg/L | 0.0010 | 113 | 8 5 | 115 | | | |
| Uranium | | 0.0510 | mg/L | 0.00030 | 102 | 85 | 115 | | | |
| Vanadium | | 0.0530 | mg/L | 0.0010 | 106 | 85 | 115 | | | |
| Zinc | | 0.0565 | mg/L | 0.0010 | 113 | 85 | 115 | | | |
| iample ID: C09060055-010BMS4 | <u>18</u> San | nple Matrix | Spike | | | Run: ICPMS | 64-C_090605A | | 06/06/ | 09 07:22 |
| Aluminum | | 0.0496 | mg/L | 0.0010 | 95 | 70 | 130 | | | |
| Arsenic | | 0.0547 | mg/L | 0.0010 | 108 | 70 | 130 | | | |
| Barium | | 0.0740 | mg/L | 0.0010 | 104 | 70 | 130 | | | |
| Boron | | 0.0680 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Cadmium | | 0.0516 | mg/L | 0.010 | 103 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 08/04/09

Project: Lost Creek

Work Order: C09060055

| Analyte | Count Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------------------|--------------|---------|------|------------|--------------|-----|----------|-----------|
| Method: E200.8 | | | | | | | | Batch | R119189 |
| Sample ID: C09060055-010BMS | 4 18 Sample Matrix | Spike | | | Run: ICPM | S4-C_090605A | | 06/06 | /09 07:22 |
| Chromium | 0.0511 | mg/L | 0.050 | 102 | 70 | 130 | | | |
| Copper | 0.0518 | mg/L | 0.010 | 103 | 70 | 130 | | | |
| Iron | 1.28 | mg/L | 0.030 | 102 | 70 | 130 | | | |
| Lead | 0.0522 | mg/L | 0.050 | 104 | 70 | 130 | | | |
| Manganese | 0.0626 | mg/L | 0.010 | 107 | 70 | 130 | | | |
| Mercury | 0.00510 | mg/L | 0.0010 | 102 | 70 | 130 | | | |
| Molybdenum | 0.0523 | mg/L | 0.0010 | 103 | 70 | 130 | | | |
| Nickel | 0.0513 | mg/L | 0.050 | 102 | 70 | 130 | | | |
| Selenium | 0.0542 | mg/L | 0.0010 | 108 | 70 | 130 | | | |
| Silicon | 6.34 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Uranium | 0.189 | mg/L | 0.00030 | 106 | 70 | 130 | | | |
| Vanadium | 0.0517 | mg/L | 0.0010 | 103 | 70 | 130 | | | |
| Zinc | 0.0616 | mg/L | 0.010 | 106 | 70 | 130 | | | |
| Sample ID: C09060055-010BMSI | D <u>18</u> Sample Matrix | Spike Duplic | cate | | Run: ICPMS | S4-C_090605A | | 06/06/ | 09 07:29 |
| Aluminum | 0.0498 | mg/L | 0.0010 | 95 | 70 | 130 | 0.3 | 20 | |
| Arsenic | 0.0544 | mg/L | 0.0010 | 107 | 70 | 130 | 0.6 | 20 | |
| Barium | 0.0740 | mg/L | 0.0010 | 104 | 70 | 130 | 0 | 20 | |
| Boron | 0.0681 | mg/L | 0.0010 | 101 | 70 | 130 | 0.2 | 20 | |
| Cadmium | 0.0517 | mg/L | 0.010 | 103 | 70 | 130 | 0.1 | 20 | |
| Chromium | 0.0516 | mg/L | 0.050 | 103 | 70 | 130 | 1 | 20 | |
| Copper | 0.0516 | mg/L | 0.010 | 103 | 70 | 130 | 0.3 | 20 | |
| Iron | 1.27 | mg/L | 0.030 | 102 | 70 | 130 | 0.7 | 20 | |
| Lead | 0.0523 | mg/L | 0.050 | 104 | 70 | 130 | 0.2 | 20 | |
| Manganese | 0.0616 | mg/L | 0.010 | 105 | 70 | 130 | 1.5 | 20 | |
| Mercury | 0.00511 | mg/L | 0.0010 | 102 | 70 | 130 | 0.1 | 20 | |
| Molybdenum | 0.0516 | mg/L | 0.0010 | 102 | 70 | 130 | 1.3 | . 20 | |
| Nickel | 0.0512 | mg/L | 0.050 | 102 | 70 | 130 | 0.3 | 20 | |
| Selenium | 0.0539 | mg/L | 0.0010 | 108 | 70 | 130 | 0.5 | 20 | |
| Silicon | 6.34 | mg/L | 0.10 | | 70 | 130 | 0.1 | 20 | Α |
| Uranium | 0.187 | mg/L | 0.00030 | 103 | 70 | 130 | 0.7 | 20 | |
| Vanadium | 0.0517 | mg/L | 0.0010 | 103 | 70 | 130 | 0.1 | 20 | |
| Zinc | 0.0607 | mg/L | 0.010 | 104 | 70 | 130 | 1.5 | 20 | |
| Sample ID: C09060055-020BMS4 | 18 Sample Matrix | Spike | | | Run: ICPMS | 4-C_090605A | | 06/06/ | 09 09:19 |
| Aluminum | 0.106 | mg/L | 0.0010 | 110 | 70 | 130 | | | |
| Arsenic | 0.0590 | mg/L | 0.0010 | 104 | 70 | 130 | | | |
| Barium | 0.0628 | mg/L | 0.0010 | 100 | 70 | 130 | | | |
| Boron | 0.0663 | mg/L | 0.0010 | 102 | 70 | 130 | | | |
| Cadmium | 0.0502 | mg/L | 0.010 | 100 | 70 | 130 | | | |
| Chromium | 0.0526 | mg/L | 0.050 | 101 | 70 | 130 | | | |
| Copper | 0.0509 | mg/L | 0.010 | 102 | 70 | 130 | | | |
| Iron | 1.29 | mg/L | 0.030 | 103 | 70 | 130 | | | |
| Lead | 0.0510 | mg/L | 0.050 | 102 | 70 | 130 | | | |
| Manganese | 0.0491 | mg/L | 0.010 | 97 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 08/04/09

Project: Lost Creek

Work Order: C09060055

| Analyte | Count Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLImit | Qual |
|------------------------------|--------------------|--------------|---------|------|------------|--------------|-----|----------|----------|
| Method: E200.8 | | | | | | · - | | Batch: | R119189 |
| Sample ID: C09060055-020BMS4 | 18 Sample Matrix | Spike | | | Run: ICPMS | S4-C_090605A | | 06/06/ | 09 09:19 |
| Mercury | 0.00497 | mg/L | 0.0010 | 99 | 70 | 130 | | | |
| Molybdenum | 0.0552 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Nickel | 0.0504 | mg/L | 0.050 | 101 | 70 | 130 | | | |
| Selenium | 0.0543 | mg/L | 0.0010 | 107 | 70 | 130 | | | |
| Silicon | 6.69 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Uranium | 0.104 | mg/L | 0.00030 | 113 | 70 | 130 | | | |
| Vanadium | 0.0572 | mg/L | 0.0010 | 102 | 70 | 130 | | | |
| Zinc | 0.0522 | mg/L | 0.010 | 103 | 70 | 130 | | | |
| Sample ID: C09060055-020BMS | 2 18 Sample Matrix | Spike Duplic | cate | | Run: ICPMS | 64-C_090605A | | 06/06/ | 09 09:26 |
| Aluminum | 0.105 | mg/L | 0.0010 | 108 | 70 | 130 | 0.9 | 20 | |
| Arsenic | 0.0597 | mg/L | 0.0010 | 106 | 70 | 130 | 1.2 | 20 | |
| Barium | 0.0645 | mg/L | 0.0010 | 104 | 70 | 130 | 2.7 | 20 | |
| Boron | 0.0657 | mg/L | 0.0010 | 101 | 70 | 130 | 1 | 20 | |
| Cadmium | 0.0516 | mg/L | 0.010 | 103 | 70 | 130 | 2.7 | 20 | |
| Chromium | 0.0531 | mg/L | 0.050 | 102 | 70 | 130 | 0.9 | 20 | |
| Copper | 0.0512 | mg/L | 0.010 | 102 | 70 | 130 | 0.6 | 20 | |
| Iron | 1.29 | mg/L | 0.030 | 103 | 70 | 130 | 0.2 | 20 | |
| Lead | 0.0513 | mg/L | 0.050 | 103 | 70 | 130 | 0.6 | 20 | |
| Manganese | 0.0485 | mg/L | 0.010 | 96 | 70 | 130 | 1 | 20 | |
| Mercury | 0.00498 | mg/L | 0.0010 | 100 | 70 | 130 | 0.1 | 20 | |
| Molybdenum | 0.0564 | mg/L | 0.0010 | 103 | 70 | 130 | 2.3 | 20 | |
| Nickel | 0.0506 | mg/L | 0.050 | 101 | 70 | 130 | 0.3 | 20 | |
| Selenium | 0.0544 | mg/L | 0.0010 | 107 | 70 | 130 | 0.3 | 20 | |
| Silicon | 6.68 | mg/L | 0.10 | | 70 | 130 | 0 | 20 | Α |
| Uranium | 0.105 | mg/L | 0.00030 | 114 | 70 | 130 | 0.4 | 20 | |
| Van adiu m | 0.0573 | mg/L | 0.0010 | 102 | 70 | 130 | 0.1 | 20 | |
| Zinc | 0.0527 | mg/L | 0.010 | 104 | 70 | 130 | 0.8 | 20 | |

Qualifiers:



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 08/04/09

Work Order: C09060055

| Analyte | | Coun | t Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|-------------------|------------|-----------------|-----------------|------|-----------|-------------|------------|-----|----------|----------|
| Method: | E300.0 | | | | | | | | | Batch: | R11941 |
| Sample ID: | LCS | <u>2</u> | Laboratory Cor | ntrol Sample | | | Run: IC1-C | _090608A | | 06/08/ | 09 19:23 |
| Chloride | | | 9.51 | mg/L | 1.0 | 95 | 90 | 110 | | | |
| Sulfate | | | 38.6 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sample ID: | MBLK | <u>2</u> | Method Blank | | | | Run: IC1-C | _090608A | | 06/08/ | 09 19:39 |
| Chloride | | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: | C09050680-011AMS | <u>2</u> | Sample Matrix | Spike | | | Run: IC1-C | _090608A | | 06/09/ | 09 00:32 |
| Chloride | | | 332 | mg/L | 1.0 | | 90 | 110 | | | Α |
| Sulfate | | | 822 | mg/L | 1.0 | <u>83</u> | 90 | 110 | | | s |
| Sample ID; | C09050680-011AMSD | <u>2</u> | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090608A | | 06/09/ | 09 00:47 |
| Chloride | | | 332 | mg/L | 1.0 | | 90 | 110 | 0 | 20 | Α |
| Sulfate | | | 821 | mg/L | 1.0 | <u>82</u> | 90 | 110 | 0.1 | 20 | S |
| Sample ID: | C09060055-003AMS | 2 | Sample Matrix | Spike | | | Run: IC1-C | _090608A | | 06/09/ | 09 08:29 |
| Chloride | | | 53.8 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sulfate | | | 487 | mg/L | 1.0 | 100 | 90 | 110 | | | |
| Sample ID: | C09060055-003AMSD | <u>2</u> | Sample Matrix | Spike Duplicate | | | Run: IC1-C_ | _090608A | | 06/09/ | 09 08:45 |
| Chloride | | | 53.9 | mg/L | 1.0 | 97 | 90 | 110 | 0.3 | 20 | |
| Sulfate | | | 483 | mg/L | 1.0 | 98 | 90 | 110 | 0.8 | 20 | |
| Sample ID: | C09060055-009AMS | <u>2</u> | Sample Matrix | Spike | | | Run: IC1-C_ | _090608A | | 06/09/ | 09 11:19 |
| Chloride | | | 24.2 | mg/L | 1.0 | 99 | 90 | 110 | | | |
| Sulfate | | | 224 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Sample ID: | C09060055-009AMSD | 2 | Sample Matrix | Spike Duplicate | | | Run: IC1-C_ | .090608A | | 06/09/ | 09 11:34 |
| Chloride | | | 24.5 | mg/L | 1.0 | 100 | 90 | 110 | 1.1 | 20 | |
| Sulfate | | | 225 | mg/L | 1.0 | 99 | 90 | 110 | 0.4 | 20 | |
| Method: | E300.0 | - | | | | | | | | Batch: | R119443 |
| Sample ID: | LCS | 2 | Laboratory Con | trol Sample | | | Run: IC1-C_ | 090610A | | 06/10/ | 09 22:35 |
| Chloride | | | 9.63 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sulfate | | | 38.6 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sample ID: | MBLK | 2 | Method Blank | | | | Run: IC1-C_ | 090610A | | 06/10/ | 09 22:51 |
| Chloride | | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | | ND | mg/L | 0.1 | | | | | | |
| • | C09060058-001AMS | <u>2</u> : | Sample Matrix : | Spike | | | Run: IC1-C_ | 090610A | | 06/11/0 | 09 00:39 |
| Chloride | | | 90.5 | mg/L | 1.0 | 101 | 90 | 110 | | | |
| Sulfate | | | 468 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| | C09060058-001AMSD | <u>2</u> | | Spike Duplicate | | | Run: IC1-C_ | 090610A | | 06/11/0 | 09 00:54 |
| Chloride | | | 90.3 | mg/L | 1.0 | 101 | 90 | 110 | 0.3 | 20 | |
| Sulfate | | | 466 | mg/L | 1.0 | 97 | 90 | 110 | 0.4 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 08/04/09

Project: Lost Creek

Work Order: C09060055

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------------------------|-------|-------------|-----------------|-------|-----------|------------|------------|-----|-----------|----------|
| Method: E350.1 | | | | | | | | | Batch: B_ | R130610 |
| Sample ID: MBLK | Ме | thod Blank | | | | Run: SUB-E | 3130610 | | 06/04/ | 09 14:32 |
| Nitrogen, Ammonia as N | | ND | mg/L | 0.02 | | | | | | |
| Sample ID: LFB | Lat | oratory For | tified Blank | | | Run: SUB-E | 3130610 | | 06/04/ | 09 14:34 |
| Nitrogen, Ammonia as N | | 1.01 | mg/L | 0.10 | 103 | 90 | 110 | | | |
| Sample ID: B09060406-001EMS | Sai | mple Matrix | Spike | | | Run: SUB-E | 3130610 | | 06/04/ | 09 14:40 |
| Nitrogen, Ammonia as N | | 0.936 | mg/L | 0.050 | <u>87</u> | 90 | 110 | | | S |
| Sample ID: B09060406-001EMSE |) Sai | mple Matrix | Spike Duplicate | | | Run: SUB-E | 3130610 | | 06/04/ | 09 14:41 |
| Nitrogen, Ammonia as N | | 0.925 | mg/L | 0.050 | <u>86</u> | 90 | 110 | 1.2 | 10 | S |
| Sample ID: C09060055-006E | Sai | mple Matrix | Spike | | | Run: SUB-E | 3130610 | | 06/04/ | 09 14:54 |
| Nitrogen, Ammonia as N | | 0.691 | mg/L | 0.050 | <u>69</u> | 90 | 110 | | | S |
| Sample ID: C09060055-006E | Sai | mple Matrix | Spike Duplicate | | | Run: SUB-E | 3130610 | | 06/04/ | 09 14:55 |
| Nitrogen, Ammonia as N | | 0.687 | mg/L | 0.050 | <u>69</u> | 90 | 110 | 0.6 | 10 | S |
| Method: E353.2 | | | | | | | | | Batch: B_ | R130560 |
| Sample ID: MBLK | Me | thod Blank | | | | Run: SUB-E | 3130560 | | 06/04/ | 09 10:13 |
| Nitrogen, Nitrate+Nitrite as N | | ND | mg/L | 0.002 | | | | | | |
| Sample ID: LFB | Lat | oratory For | tified Blank | | | Run: SUB-E | 3130560 | | 06/04/ | 09 10:14 |
| Nitrogen, Nitrate+Nitrite as N | | 0.990 | mg/L | 0.050 | 101 | 90 | 110 | | | |
| Sample ID: B09060406-003EMS | Sa | mple Matrix | Spike | | | Run: SUB-E | 3130560 | | 06/04/ | 09 12:57 |
| Nitrogen, Nitrate+Nitrite as N | | 0.966 | mg/L | 0.050 | 98 | 90 | 110 | | | |
| Sample ID: B09060406-003EMSD |) Sai | mple Matrix | Spike Duplicate | | | Run: SUB-E | 3130560 | | 06/04/ | 09 12:58 |
| Nitrogen, Nitrate+Nitrite as N | | 0.959 | mg/L | 0.050 | 97 | 90 | 110 | 0.7 | 10 | |
| Sample ID: B09060385-006CMS | Sar | mple Matrix | Spike | | | Run: SUB-E | 3130560 | | 06/04/ | 09 13:14 |
| Nitrogen, Nitrate+Nitrite as N | | 0.996 | mg/L | 0.050 | 99 | 90 | 110 | | | |
| Sample ID: B09060385-006CMSE |) Sar | mple Matrix | Spike Duplicate | | | Run: SUB-E | 3130560 | | 06/04/ | 09 13:15 |
| Nitrogen, Nitrate+Nitrite as N | | 0.979 | mg/L | 0.050 | 97 | 90 | 110 | 1.7 | 10 | |
| Sample ID: C09060055-014E | Sar | nple Matrix | Spike | | | Run: SUB-E | 3130560 | | 06/04/ | 09 14:05 |
| Nitrogen, Nitrate+Nitrite as N | | 0.974 | mg/L | 0.050 | 99 | 90 | 110 | | | |
| Sample ID: C09060055-014E | Sar | nple Matrix | Spike Duplicate | | | Run: SUB-E | 3130560 | | 06/04/ | 09 14:06 |
| Nitrogen, Nitrate+Nitrite as N | | 0.983 | mg/L | 0.050 | 100 | 90 | 110 | 0.9 | 10 | |

Qualifiers:



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 08/04/09

| Analyte | Count Result | Units | RL %REC | Low Limit | High Limit | RPD | RPDLImit | Qual |
|------------------------------|----------------|-----------------|---------|------------|--|-----|----------|-----------|
| Method: E900.0 | | | | | <u>. </u> | | Batch: G | rAB-067 |
| Sample ID: C09050376-001EMS | Sample Matrix | Spike | | Run: G5000 | OW_090618A | | 06/21/ | /09 20:26 |
| Gross Alpha | 132 | pCi/L | 96 | 70 | 130 | | | |
| Sample ID: C09050376-001EMSD | Sample Matrix | Spike Duplicate | | Run: G5000 | W_090618A | | 06/21/ | /09 20:26 |
| Gross Alpha | 133 | pCi/L | 97 | 70 | 130 | 0.6 | 16.3 | |
| Sample ID: C09050376-001EMS | Sample Matrix | Spike | | Run: G5000 | W_090618A | | 06/21/ | /09 20:26 |
| Gross Beta | 89.1pC | Ci/L | 98 | 70 | 130 | | | |
| Sample ID: C09050376-001EMSD | Sample Matrix | Spike Duplicate | | Run: G5000 | W_090618A | | 06/21/ | /09 20:26 |
| Gross Beta | 88.1pC | Di/L | 97 | 70 | 130 | 1 | 16.3 | |
| Sample ID: MB-GrAB-0677 | 6 Method Blank | | | Run: G5000 | W_090618A | | 06/21/ | 09 20:26 |
| Gross Alpha | -0.5 | pCi/L | | | | | | U |
| Gross Alpha precision (±) | 0.5 | pCi/L | | | | | | |
| Gross Alpha MDC | 0.6 | pCi/L | | | | | | |
| Gross Beta | -2 | pCi/L | | | | | | U |
| Gross Beta precision (±) | 2 | pCi/L | | | | | | |
| Gross Beta MDC | 2 | pCi/L | | | | | | |
| Sample ID: UNAT-GrAB-0677 | Laboratory Cor | ntrol Sample | | Run: G5000 | W_090618A | | 06/21/ | 09 20:26 |
| Gross Alpha | 140 | pCi/L | 105 | 70 | 130 | | | |
| Sample ID: Cs137-GrAB-0677 | Laboratory Cor | ntrol Sample | | Run: G5000 | W_090618A | | 06/21/ | 09 20:26 |
| Gross Beta | 88 | pCi/L | 98 | 70 | 130 | | | |



Client: UR Energy USA Inc

Report Date: 08/04/09

Project: Lost Creek

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limi | t RPD | RPDLimit | Qual |
|------------------------------|-------------|-------------|-----------------|----|------|-----------|-----------|-------|----------|-----------|
| Method: E900.0 | | | | | | | | | Batch: G | rAB-0679 |
| Sample ID: MB-GrAB-0679 | <u>6</u> Me | thod Blank | | | | Run: G500 | 0W_090619 | В | 06/23 | /09 21:07 |
| Gross Alpha | | -0.6 | pCi/L | | | | | | | U |
| Gross Alpha precision (±) | | 0.6 | pCi/L | | | | | | | |
| Gross Alpha MDC | | 0.7 | pCi/L | | | | | | | |
| Gross Beta | | -1.0 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | | 1 | pCi/L | | | | | | | |
| Gross Beta MDC | | 2 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0679 | Lab | oratory Cor | trol Sample | | | Run: G500 | 0W_090619 | В | 06/23 | /09 21:07 |
| Gross Alpha | | 150 | pCi/L | | 108 | 70 | 130 |) | | |
| Sample ID: Cs137-GrAB-0679 | Lab | oratory Cor | itrol Sample | | | Run: G500 | oW_090619 | В | 06/23 | /09 21:07 |
| Gross Beta | | 86 | pCi/L | | 94 | 70 | 130 |) | | |
| Sample ID: C09060055-022DMS | Sar | mple Matrix | Spike | | | Run: G500 | 0W_090619 | В | 06/24 | /09 09:16 |
| Gross Alpha | | 147 | pCi/L | | 107 | 70 | 130 |) | | |
| Sample ID: C09060055-022DMSI |) Sar | mple Matrix | Spike Duplicate | | | Run: G500 | ow_090619 | В | 06/24 | /09 09:16 |
| Gross Alpha | | 140 | pCi/L | | 102 | 70 | 130 | 4.9 | 15.8 | |
| Sample ID: C09060055-022DMS | Sar | nple Matrix | Spike | | | Run: G500 | 0W_090619 | В | 06/24 | /09 09:16 |
| Gross Beta | | 88.1pC | i/L | | 96 | 70 | 130 |) | | |
| Sample ID: C09060055-022DMSI |) Sar | mple Matrix | Spike Duplicate | | | Run: G500 | 0W_090619 | В | 06/24 | /09 09:16 |
| Gross Beta | | 87.3pC | i/L | | 95 | 70 | 130 | 0.8 | 16.1 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 08/04/09

| Analyte | Count Result | Units | RL %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|-------------------|---------|-----------|------------|-----|----------|-----------|
| Method: E900.0 | | | | | | | Batch: G | rAB-0687 |
| Sample ID: MB-GrAB-0687 | 6 Method Blank | • | | Run: G500 | 0W_090626A | | 07/08 | /09 01:45 |
| Gross Alpha | -0.01 | pCi/L | | | | | | U |
| Gross Alpha precision (±) | 0.5 | pCi/L | | | | | | |
| Gross Alpha MDC | 0.6 | pCi/L | | | | | | |
| Gross Beta | -2 | pCi/L | | | | | | U |
| Gross Beta precision (±) | 1 | pCi/L | | | | | | |
| Gross Beta MDC | 1 | pCi/L | | | | | | |
| Sample ID: UNAT-GrAB-0687 | Laboratory C | ontrol Sample | | Run: G500 | 0W_090626A | | 07/08/ | /09 01:45 |
| Gross Alpha | 130 | pCi/L | 94 | 70 | 130 | | | |
| Sample ID: Cs137-GrAB-0687 | Laboratory Co | ontrol Sample | | Run: G500 | 0W_090626A | | 07/08/ | 09 01:45 |
| Gross Beta | 80 | pCi/L | 89 | 70 | 130 | | | |
| Sample ID: C09060673-003AMS | Sample Matri | x Spike | | Run: G500 | 0W_090626A | | 07/08/ | 09 01:45 |
| Gross Alpha | 150 | pCi/L | 107 | 70 | 130 | | | |
| Sample ID: C09060673-003AMS0 | Sample Matri | x Spike Duplicate | | Run: G500 | 0W_090626A | | 07/08/ | 09 01:45 |
| Gross Alpha | 120 | pCi/L | 89 | 70 | 130 | 18 | 20 | |
| Sample ID: C09060673-003AMS | Sample Matri | x Spike | | Run: G500 | 0W_090626A | | 07/08/ | 09 18:57 |
| Gross Beta | 77 | pCi/L | 84 | 70 | 130 | | | |
| Sample ID: C09060673-003AMSD | Sample Matri | x Spike Duplicate | | Run: G500 | 0W_090626A | | 07/08/ | 09 18:57 |
| Gross Beta | 91 | pCi/L | 100 | 70 | 130 | 17 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 08/04/09

Work Order: C09060055

| Analyte | Count | Result | Units | RL %REC | Low Limi | t High Limit | RPD | RPDLimit | Qual |
|------------------------------|--------------|-------------|-----------------|---------|----------|--------------------------|----------|-----------|-----------|
| Method: E900.0 | | - | | | | | <u> </u> | Batch: G | FAB-070 |
| Sample ID: MB-GrAB-0701 | <u>6</u> Met | hod Blank | | | Run: G50 | 00W_0 9 07208 | 3 | 07/23 | /09 10:32 |
| Gross Alpha | | -1 | pCi/L | | | _ | | | U |
| Gross Alpha precision (±) | | 0.6 | pCi/L | | | | | | |
| Gross Alpha MDC | | 0.8 | pCi/L | | | | | | |
| Gross Beta | | 0.1 | pCi/L | | | | | | υ |
| Gross Beta precision (±) | | 1 | pCi/L | | | | | | |
| Gross Beta MDC | | 1 | pCi/L | | | | | | |
| Sample ID: UNAT-GrAB-0701 | Lab | oratory Cor | ntrol Sample | | Run: G50 | 00W_090720E | 3 | 07/23 | /09 10:32 |
| Gross Alpha | | 150 | pCi/L | 113 | 70 | 130 | | | |
| Sample ID: Cs137-GrAB-0701 | Lab | oratory Cor | ntrol Sample | | Run: G50 | 00W_090720E | 3 | 07/23 | /09 10:32 |
| Gross Beta | | 79 | pCi/L | 86 | 70 | 130 | | | |
| Sample ID: C09070165-001AMS | San | nple Matrix | Spike | | Run: G50 | 00W_090720E | 3 | 07/23 | /09 10:32 |
| Gross Alpha | | 150 | pCi/L | 113 | 70 | 130 | | | |
| Sample ID: C09070165-001AMSD | San | nple Matrix | Spike Duplicate | | Run: G50 | 00W_090720E | 3 | 07/23 | /09 10:32 |
| Gross Alpha | | 180 | pCi/L | 130 | 70 | | | 15.9 | |
| Sample ID: C09070165-001AMS | Sam | nple Matrix | Spike | | Run: G50 | 00W_090720E | 3 | 07/23/ | /09 10:32 |
| Gross Beta | | 86 | pCi/L | 93 | 70 | 130 | | | |
| Sample ID: C09070165-001AMSD | San | nple Matrix | Spike Duplicate | | Run: G50 | 00W_090720E | 3 | 07/23/ | /09 10:32 |
| Gross Beta | | 90 | pCi/L | 98 | 70 | 130 | 4.8 | 16 | |
| Method: E903.0 | | | | | | | | Batch: RA | 226-3717 |
| iample ID: C09060055-004DMS | Sam | ple Matrix | Spike | | Run: BER | THOLD 770-2 | _090604B | 06/15/ | 09 16:19 |
| Radium 226 | | 18 | pCi/L | 95 | 70 | | | | |
| ample ID: C09060055-004DMSD | Sam | nple Matrix | Spike Duplicate | | Run: BER | THOLD 770-2 | 090604B | 06/15/ | 09 18:48 |
| Radium 226 | | 18 | pCi/L | 98 | 70 | | 3.7 | 24.6 | |
| Sample ID: MB-RA226-3717 | 3 Meti | hod Blank | | | Run: BER | THOLD 770-2 | _090604B | 06/15/ | 09 18:48 |
| Radium 226 | | -0.06 | pCi/L | | | | • | | U |
| Radium 226 precision (±) | | 0.10pC | SI/L | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | |
| ample ID: LCS-RA226-3717 | Labo | oratory Con | trol Sample | | Run: BER | THOLD 770-2 | _090604B | 06/15/ | 09 18:48 |
| Radium 226 | | 8.7 | pCi/L | 111 | 70 | 130 | _ | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 08/04/09

Work Order: C09060055

| Analyte | Count | Result | Units | RL | %REC | Low L | imit | High Lim | t RPI | RPDLimit | Qual |
|-------------------------------|-------------|--------------|-----------------|----|------|-------------|-------|------------|-----------|-----------|------------|
| Method: E903.0 | | | | | | | | | | Batch: R | A226-3718 |
| Sample ID: C09060055-011DMS | Sa | ample Matrix | Spike | | | Run: E | BERTI | HOLD 770- | 2_0906040 | 06/16 | 6/09 10:20 |
| Radium 226 | | 59 | pCi/L | | 104 | | 70 | 130 |) | | |
| Sample ID: C09060055-011DMSD | Sa | ample Matrix | Spike Duplicate | | | Run: E | BERTH | HOLD 770- | 2_0906040 | 06/16 | 5/09 10:20 |
| Radium 226 | | 60 | pCi/L | | 110 | | 70 | 130 | 1.5 | 18.8 | |
| Sample ID: MB-RA226-3718 | <u>3</u> M | ethod Blank | | | | Run: E | BERTH | HOLD 770-: | 2_090604C | 06/16 | 3/09 12:09 |
| Radium 226 | | -0.10 | pCi/L | | | | | | | | U |
| Radium 226 precision (±) | | 0.1 | pCi/L | | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | | |
| Sample ID: LCS-RA226-3718 | La | boratory Co | ntrol Sample | | | Run: E | BERTH | HOLD 770- | 2_090604C | 06/16 | /09 12:09 |
| Radium 226 | | 7.8 | pCi/L | | 101 | | 70 | 130 |) | | |
| Method: E903.0 | | | | | | | | | | Batch: RA | 1226-3719 |
| Sample ID: C09060055-014DMS | Sa | ample Matrix | Spike | | | Run: E | BERTH | HOLD 770- | 1_090604A | 06/15 | /09 18:45 |
| Radium 226 | | 28 | pCi/L | | 117 | | 70 | 130 | | | |
| Sample ID: C09060055-014DMSD | Sa | ımple Matrix | Spike Duplicate | | | Run: E | BERTH | HOLD 770- | 1_090604A | 06/15 | /09 18:45 |
| Radium 226 | | 26 | pCi/L | | 106 | | 70 | 130 | 6.1 | 21.5 | |
| Sample ID: MB-RA226-3719 | <u>3</u> Me | ethod Blank | | | | Run: E | BERTH | 10LD 770- | 1_090604A | 06/15 | /09 22:39 |
| Radium 226 | | -0.2 | pCi/L | | | | | | | | U |
| Radium 226 precision (±) | | 0.09p0 | Ci/L | | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | | |
| Sample ID: LCS-RA226-3719 | La | boratory Co | ntrol Sample | | | Run: B | BERTH | OLD 770- | 1_090604A | 06/15 | /09 22:39 |
| Radium 226 | | 8.7 | pCi/L | | 112 | | 70 | 130 | 1 | | |
| Method: RA-05 | | | | | | · | | | | Batch: RA | 228-2695 |
| Sample ID: LCS-228-RA226-3717 | La | boratory Cor | ntrol Sample | | | Run: T | ENNE | ELEC-3_09 | 0604A | 06/10 | /09 13:05 |
| Radium 228 | | 7.7 | pCi/L | | 89 | | 70 | 130 | 1 | | |
| Sample ID: MB-RA226-3717 | <u>3</u> Me | ethod Blank | | | | Run: T | ENNE | ELEC-3_09 | 0604A | 06/10 | /09 13:05 |
| Radium 228 | | 0.04p0 | Ci/L | | | | | _ | | | Ü |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | |
| Sample ID: C09060055-005DMS | Sa | mple Matrix | Spike | | | Run: T | ENNE | ELEC-3_09 | 0604A | 06/10 | /09 13:05 |
| Radium 228 | | 23 | pCi/L | | 89 | | 70 | 130 | | | |
| Sample ID: C09060055-005DMSD | Sa | mple Matrix | Spike Duplicate | | | Run: T | ENNE | LEC-3_09 | 0604A | 06/10 | /09 13:05 |
| Radium 228 | | 23 | pCi/L | | 92 | | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 08/04/09

Project: Lost Creek

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------|-------------|--------------|-----------------|----|------|-----------|----------------|----------|-----------|-----------|
| Method: RA-05 | | | | | | | | | Batch: RA | 228-2696 |
| Sample ID: LCS-228-RA226-3718 | 3 La | boratory Co | ntrol Sample | | | Run: TENN | ELEC-3_0906040 | C | 06/11/ | /09 10:06 |
| Radium 228 | | 9.3 | pCi/L | | 115 | 70 | 130 | | | |
| Sample ID: MB-RA226-3718 | <u>3</u> Me | thod Blank | | | | Run: TENN | ELEC-3_0906040 | 3 | 06/11/ | /09 10:06 |
| Radium 228 | | -0.6 | pCi/L | | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | |
| Sample ID: C09060055-012DMS | Sa | mple Matrix | Spike | | | Run: TENN | ELEC-3_0906040 |) | 06/11/ | /09 12:14 |
| Radium 228 | | 18 | pCi/L | | 74 | 70 | 130 | | | |
| Sample ID: C09060055-012DMSE |) Sa | mple Matrix | Spike Duplicate | | | Run: TENN | ELEC-3_0906040 | 3 | 06/11/ | 09 10:06 |
| Radium 228 | | 22 | pCi/L | | 98 | 70 | 130 | 20 | 35.1 | |
| Method: RA-05 | | | | | | | | - | Batch: RA | 228-2697 |
| Sample ID: LCS-228-RA226-3719 |) La | boratory Cor | ntrol Sample | | | Run: TENN | ELEC-3_0906048 | 3 | 06/10/ | 09 15:11 |
| Radium 228 | | 7.00p0 | Di/L | | 81 | 70 | 130 | | | |
| Sample ID: MB-RA226-3719 | <u>3</u> Me | thod Blank | | | | Run: TENN | ELEC-3_090604E | 3 | 06/10/ | 09 15:11 |
| Radium 228 | | 0.02p0 | Ci/L | | | | | | | U |
| Radium 228 precision (±) | | 8.0 | pCi/L | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | |
| Sample ID: C09060055-015DMS | Sa | mple Matrix | Spike | | | Run: TENN | ELEC-3_090604E | 3 | 06/10/ | 09 15:11 |
| Radium 228 | | 18.7p0 | Ci/L | | 79 | 70 | 130 | | | |
| Sample ID: C09060055-015DMSE |) Sa | mple Matrix | Spike Duplicate | | | Run: TENN | ELEC-3_090604E | 3 | 06/10/ | 09 15:11 |
| Radium 228 | | 22.2p0 | Ci/L | | 98 | 70 | 130 | 17 | 34.7 | |

| ENE | RGY |
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Chain of Custody and Analytical Request Record

| Page of | 3 |
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| Company Name: | PLEASE PRI | INT- Provide as mucl | n information as possible. | | |
|--|---|---|----------------------------|--|---|
| · · · · · · · · · · · · · · · · · · · | Project Na | me, PWS, Permit, I | Etc. | Sample Origin | EPA/State Compliance: |
| UR Energy | lost | Creek | | State: WY | Yes ☐ No ☐ |
| Report Mail, Address: 5880 Enterprise Dr. Suite 200 | Contact Na | ame: P | hone/Fax: | Email: | Sampler: (Please Print) |
| Casper WY 82609 | John Coc | 1 37-215-22 | 73 johncashaur-ene | | |
| Invoice Address: | Invoice Co | ntact & Phone: | 1- JCHALGSHEULT-ENE | Purchasa Ordani | Overto Dente Out |
| | | | | i dichase Older. | Quote/Bottle Order: |
| Special Report/Formats – ELI must be notified | | WIMWII AAG | IS REQUESTED | Contact ELI prio | Shipped by: |
| prior to sample submittal for the following: | 0 6 | (2) N | IS MEGICES I ISIN | RUSH sample s | |
| UR Energy Excel Sheet | Number of Containers Sample Type: A W S V B O Ar Water Solls/Solids Vegetation Bloassay Other | | | for observe and | Cooler ID(s) |
| , - | V Sol | | | | |
| ☐ DW ☐ A2LA | A A Solis | | ATTACHED | Comments: H Interpretation Page Comments: | Receipt Temp |
| GSA EDD/EDT(Electronic Data) | 2 9 9 0 | 00 | | g Comments. | (v °c |
| │ | al≪ Ten | | | | On Ice: |
| ☐ State: ☐ LEVEL IV ☐ Other: ☐ NELAC | get and a | | | E • | Yes (No) |
| Other: NELAC | l _es ≥ | | SEE | ma | Custody Seal Y (1) |
| | } | <u> </u> | | 2 H | Coolers B C |
| SAMPLE IDENTIFICATION Collection Collection | MATRIX | 75 | | | Intact Y N |
| (Name, Location, Interval, etc.) Date Time | IIIATINA | | | | Signature Y N |
| M-101 #1 6-1-09 | W Zgal | | | C090600 | 55 |
| <u> 17)-102</u> #7 | / | | | | |
| 3 M-103 #3 | 7 | | | | |
| 4 M-164 #4 | | | | | |
| 5 M-105 #5 | | | | | |
| 6 M-106 #6 | | | | | |
| 1 M-107 #7 | | | | | 1 |
| ° M-108 #8 | | | | | RAII |
| ⁹ M-109 #9 | | | | | |
| 10 M-110 #110 | - | | | | |
| Trempelation by (print). Date/ (iffie: | Signe | 74 | Received by (print); | Date/Time: | Signature: |
| Record Relinquished by (noist) Dred (Fine) | | 116 | | 6-1-09 5:08 Date/Time: | - Common of the |
| MUST be 1,2.09 8,3 | Signed | | Received by (print): | Date/Time: | Signature: |
| Signod / / | | | Received by Laboratory: | Date/Time: | Signature |
| Sample Disposal: Return to Client: | Lab Dispos | al: | Hudren laren | -6-2-09 838 | 07/ |

| ENERGY |
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| LABORATORIES |

Chain of Custody and Analytical Request Record

| Page | Ž | of | <u> </u> |
|------|---|----|----------|
| | | | |

| LABORATORIES | Project Name, PWS, P | ermit Etc | T | Sample | Origin | EPA/Sta | te Compliance: |
|--|--|-------------------------|--|--------------|-------------------------------------|-----------|-------------------------|
| Company Name: | Project Iyame, PWS, P | 5111III., LIO. | | | WY | Yes 🗌 | No 🖭 |
| UR Energy | Lost Liech | | | | w / | | : (Please Print) |
| Report Mail Address: Dr Swife 200 | Contact Name: | Phone/Fax: | | Email: | | Sample | . (Frease Frint) |
| 5880 Enterprise or swife coo | | | | _ | | | |
| Cosper WY 82609 Invoice Address: | John Cash 307-2 | 15-2373 john. Gshau | s-eneig | Purcha | - <i>COm</i> | Quote/E | Bottle Order: |
| Invoice Address: | Invoice Contact & Phor | ne: | | l diosic | | | |
| | | | | | | | Shipped by: 1 |
| Special Report/Formats – ELI must be notified | | Lysis requested | | _ | Contact ELI prior RUSH sample su | | Harid |
| prior to sample submittal for the following: | | | | R | for charges and | Difficted | Cooler ID(s): |
| UR Energy Excel Sheet | මුරුම් කෙරුම් | | الآ | | scheduling - See | ; | NH |
| THE CARTY EXICT SALL. | Say Sol | | 뿌 | u | Instruction Page | | |
| □ DW □ A2LA | Cor Soils Soils | | غ اق | ~ | Comments: | | Receipt Temp |
| ☐ DW ☐ A2LA ☐ EDD/EDT(Electronic Data) | Type: | | T/A | | | ŀ | On ice: |
| POTW/WWTP Format: | Number of Containers Sample Type: A W S V B O Air Water Soils/Solids Vegetation Bioassay Other | | SEE ATTACHED Normal Turnaround (TAT) | S | | | Yes (No |
| State: LEVEL IV | Se Paris | | H = E | | | Ì | Custody Seal Y (N) |
| Other: NELAC | Z S > C | | SEE | H | | | Bottles/ Coolers B C |
| | 13 | | Ž | - | | | Intact Y N |
| SAMPLE IDENTIFICATION Collection Collection | MATRIX 13 | | | | | | Signature Y N |
| (Name, Location, Interval, etc.) Date Time | | | | 1 1 | Λ - | | Match |
| M-179 #11 6-1-09 | W Zgal | | | - | (1090600c | 55 | |
| 2 M-111 #12 | | | | | | | |
| 3 M-112 #13 | | | | | | | |
| 4 M-113 #14 | | | | | | | I. |
| 5 M-114 #15 | | | | | | | 0/R/V |
| 6 M-115 #16 | | | | | | | |
| 7 M-116 #17 | | | | | | | |
| ° M-117 #18 | | | | | | | <u>NB(0</u> |
| ° M-118 #19 | | | | +- | | | |
| 10 M·120 A #70 Date/Time: | Signature | Received by (print): | | -Date/Time | | Signa | ture: |
| Relinquished by (print): Record Relinquished by (print): Date/Time: Date/Time: | 00 | -) - pl | ع (د | Date/Time | - 2:00- | 2 Signa | iture: |
| Record Retinquished by (print): Date/Time: | Signatur | Received by (print): | | Jake Hills | • | | |
| MUST be 6-2-09 - 83 | 3 | Received by Laboratory: | | Date/Time | lac or | | NE Z |
| Signed Sample Disposal: Return to Client: | Lab Disposal: | Andrew lar | Der _ | <u> (21)</u> | 109 839 | | Castad |

| ENERGY |
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| LABORATORIES |

Chain of Custody and Analytical Request Record

| Page | 3 | of | <u> </u> |
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| LABORATORILS | PLEASE PRIN | T- Pro | ovide a | s much | imorma | ition a | is poss | ibie. | | | 0 | le Origin | EDA/St | ate Compliand | - |
|--|---|------------------|----------------------|----------|----------|--------------|---------------|----------|----------------|-------------------------|------------------|--|---------------|--------------------|--------------------------|
| Company Name: | Project Nam | ie, PV | VS, Pe | ermit, E | tc. | | | | | | | | | - | |
| | Lost a | Sec. | ek. | .4 | | | | | | | | WY | Yes 🗆 | | |
| Report Mail Address: 5850 Enterprise Dr Snife 200 | Contact Nar | ne: | | Ph | one/Fa | X: | | | | | Email | • | Sample | er: (Please Pri | π) - |
| STOD ENTERPRISE DE SINIA COO | 51 C | .] | 3 ≈7. | 2/4-2 | フママ | :/ | | 100 | Li F= | PARA | re Jus | in allow | | | |
| CcSJe/ WY 82409 Invoice Address: | Invoice Con | tact 8 | <u>کن ۲۰</u> Phon | <u> </u> | <u> </u> | JOH | <u>n. (%)</u> | 100 | 7 , | Cica | Purch | ase Order: | Quote/ | Bottle Order: | |
| Invoice Address. | | | | | | | | | | | | | 1 | | |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: UR Energy Excel Steet DW A2LA GSA EDD/EDT(Electronic Data) POTW/WWTP Format: State: LEVEL IV Other: NELAC | Number of Containers Sample Type: A W S V B O Ar Water Soils/Solids Vegetation Bloassay Other | Selve 8 | | LYS | S RI | | | | SEE ATTACHED | Normal Turnaround (TAT) | R U S H | Contact ELI prior RUSH sample su for charges and scheduling – See Instruction Page Comments: | ubmittal e | On Ice: | °C Y 10 B C Y N |
| SAMPLE IDENTIFICATION Collection (Name, Location, Interval, etc.) Date Time | MATRIX | 12 | | | | | | | | | | | | Signature Match | YN |
| M-121 #21 6-109 | w zga/ | | | | | | | <u> </u> | _ | | | Cogoloo | 055_ | <u> </u> | |
| ² M·/30 # Z2 | | \triangleright | | | | | | | | | | <u> </u> | | ON/IE | |
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| 5 | | | | | | | | | | | | | | ORY | |
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| 7 | | $\ \cdot\ $ | | | | | | | | | | | | ORATI | |
| 8 | | 1 | | | | | | | | <u></u> | <u> </u> | | | <u> </u> | |
| 9 | | | | | | | | <u> </u> | | | | | | | |
| 10 | | | | | | | | | | | | | | | |
| Custody Relinguished by (print): Date/Time: | | apire: | | | | 7 | by (print): | - | | — | Date/Tim | 09- 500 | Signa | itur | |
| Record Relinquished by (print): Date/Time: | ' Short | lature. | <u> </u> | | | ceiv | by (print) | 117 | | | Date/Tim | e: | Signa | ature: | |
| MUST be 1-12-09. 8 | 35 | É | | | Re | C eceived | by Labo | ratory: | | 1 | Date/Tjm | e: / | Signa | dure: | >— |
| Signed Sample Disposal: Return to Client: | Lab Dispo | osal:_ | | | | | ew | | u | (| <u>2/ما</u> | 109 838 | - 4 | | |

Energy Laboratories Inc Workorder Receipt Checklist



UR Energy USA Inc

C09060055
te and Time Received: 6/2/2009 8:38 AM

| Login completed by: Kimberly Humiston | Date and Time Received: 6/2/2009 8:38 AM | | | | | | | |
|---|--|------------------------|------------------------|--|--|--|--|--|
| Reviewed by: | Received by: al | | | | | | | |
| Reviewed Date: | | Carrier name: Hand Del | | | | | | |
| Shipping container/cooler in good condition? | Yes 🔲 | No 🗀 | Not Present ✓ | | | | | |
| Custody seals intact on shipping container/cooler? | Yes 🗌 | No 🗌 | Not Present ✓ | | | | | |
| Custody seals intact on sample bottles? | Yes 🗌 | No 🗀 | Not Present 🔽 | | | | | |
| Chain of custody present? | Yes ✓ | No 🗌 | | | | | | |
| Chain of custody signed when relinquished and received? | Yes ✓ | No 🗌 | | | | | | |
| Chain of custody agrees with sample labels? | Yes 🗸 | No 🗀 | | | | | | |
| Samples in proper container/bottle? | Yes 🗸 | No 🗌 | | | | | | |
| Sample containers intact? | Yes 🗸 | No 🔲 | | | | | | |
| Sufficient sample volume for indicated test? | Yes ✓ | No 🖂 | | | | | | |
| All samples received within holding time? | Yes ✓ | No 🗀 | | | | | | |
| Container/Temp Blank temperature: | 6°C | | | | | | | |
| Water - VOA vials have zero headspace? | Yes 🗌 | No 🗌 | No VOA vials submitted | | | | | |
| Water - pH acceptable upon receipt? | Yes 🗹 | No 🗌 | Not Applicable | | | | | |

Contact and Corrective Action Comments:

Sample was subsampled and preserved in lab upon receipt for metals with 1/2 mL HNO3 and for Nitrate+Nitrite with 1/2 mL H2SO4 to pH <2. In accordance with the Drinking Water Act, the metals/hardness sample must be held 24 hours prior to analysis.

CLIENT: Project:

UR Energy USA Inc

Lost Creek

CASE NARRATIVE

Date: 04-Aug-09

Sample Delivery Group: C09060055

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS

Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS

The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505

Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT

eli-g - Energy Laboratories, Inc. - Gillette, WY

eli-h - Energy Laboratories, Inc. - Helena, MT

eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER, WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT



ANALYTICAL SUMMARY REPORT

July 07, 2009

UR Energy USA Inc 10758 W Centennial Rd Ste 200 Ken Caryl Ranch, CO 80127

Workorder No.: C09060141

Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 20 samples for UR Energy USA Inc on 6/3/2009 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|-----------------|------------------|----------------|--------------|---------|--|
| C09060141-00 | 01 M-119 | 06/02/09 00:00 | 0 06/03/09 | Aqueous | Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved |
| C09060141-0 | 02 M-122 | 06/02/09 00:00 | 06/03/09 | Aqueous | Same As Above |
| C09060141-0 | 03 M-123 | 06/02/09 00:00 | 06/03/09 | Aqueous | Same As Above |
| C09060141-0 | 04 M-124 | 06/02/09 00:00 | 0 06/03/09 | Aqueous | Same As Above |
| C09060141-0 | 05 M-125 | 06/02/09 00:00 | 0 06/03/09 | Aqueous | Same As Above |
| C09060141-0 | 06 M-126 | 06/02/09 00:00 | 0 06/03/09 | Aqueous | Same As Above |
| C09060141-0 | 007 M-127 | 06/02/09 00:0 | 0 06/03/09 | Aqueous | Same As Above |
| C09060141-0 | 008 M-128 | 06/02/09 00:0 | 0 06/03/09 | Aqueous | Same As Above |
| C09060141-0 | 009 MO-110 | 06/02/09 00:0 | 0 06/03/09 | Aqueous | Same As Above |
| C09060141-0 | 010 MP-110 | 06/02/09 00:0 | 0 06/03/09 | Aqueous | Same As Above |
| C09060141-0 |)11 M-131 | 06/02/09 00:0 | 0 06/03/09 | Aqueous | Same As Above |
| C09060141-0 |)12 MU-110 | 06/02/09 00:0 | 0 06/03/09 | Aqueous | Same As Above |
| C09060141-0 | 013 MO-111 | 06/02/09 00:0 | 0 06/03/09 | Aqueous | Same As Above |
| C09060141-0 | 014 MU-111 | 06/02/09 00:0 | 0 06/03/09 | Aqueous | Same As Above |
| C00060141-0 | D15 MO-112 | 06/02/09 00:0 | 0 06/03/09 | Aqueous | Same As Above |



ANALYTICAL SUMMARY REPORT

| C09060141-016 MP-112 | 06/02/09 00:00 06/03/09 | Aqueous | Same As Above |
|----------------------|-------------------------|---------|---------------|
| C09060141-017 MU-112 | 06/02/09 00:00 06/03/09 | Aqueous | Same As Above |
| C09060141-018 MO-113 | 06/02/09 00:00 06/03/09 | Aqueous | Same As Above |
| C09060141-019 MU-113 | 06/02/09 00:00 06/03/09 | Aqueous | Same As Above |
| C09060141-020 M-132 | 06/02/09 00:00 06/03/09 | Aqueous | Same As Above |

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Stephanie D. Waldrop Reporting Supervisor



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-001

Client Sample ID M-119

Report Date: 07/07/09

Collection Date: 06/02/09 DateReceived: 06/03/09

Matrix: Aqueous

| Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|----------------|--|--|--|---|-------------------------------------|--|
| | | | | | | |
| 113 | mg/L | | 1 | | A2320 B | 06/09/09 14:45 / IjI |
| ND | - | | 1 | | A2320 B | 06/09/09 14:45 / Ijl |
| 138 | • | | 1 | | A2320 B | 06/09/09 14:45 / Ijl |
| 59 | • | | 1 | | E200.7 | 06/12/09 14:34 / aae |
| 5 | ~ | | 1 | | E300.0 | 06/11/09 05:32 / Ijl |
| 0.1 | Ŧ | | 0.1 | | A4500-F C | 06/08/09 15:37 / Ijl |
| 3 | • | | 1 | | E200.7 | 06/12/09 14:34 / aae |
| ND | - | | 0.05 | | E350.1 | 06/05/09 12:13 / eli-b |
| | • | | 0.05 | | E353.2 | 06/05/09 11:39 / eli-b |
| | - | | | | | 06/12/09 14:34 / aae |
| | - | | | | | 06/18/09 17:01 / cp |
| | • | | | | | 06/12/09 14:34 / aae |
| | • | | | | | 06/11/09 05:32 / ljl |
| 120 | mg/L | | ' | | L000.0 | 00/11/00 00:02/1 |
| | | | | | | |
| 490 | umhos/cm | | 1 | | A2510 B | 06/03/09 14:22 / dd |
| 7.89 | s.u. | | 0.01 | | A4500-H B | 06/03/09 14:22 / dd |
| 338 | mg/L | | 10 | | A2540 C | 06/03/09 11:59 / rp |
| | | | | | | |
| ND | mg/L | | 0.1 | | E200.7 | 06/18/09 17:01 / cp |
| 0.004 | mg/L | | 0.001 | | E200.8 | 06/05/09 14:40 / ts |
| ND | mg/L | | 0.1 | | E200.8 | 06/05/09 14:40 / ts |
| ND | mg/L | | 0.1 | | E200.7 | 06/18/09 17:01 / cp |
| ND | • | | 0.005 | | E200.8 | 06/05/09 14:40 / ts |
| ND | - | | 0.05 | | E200.8 | 06/05/09 14:40 / ts |
| | • | | | | E200.8 | 06/05/09 14:40 / ts |
| | • | | | | E200.7 | 06/18/09 17:01 / cp |
| | - | | | | E200.8 | 06/05/09 14:40 / ts |
| | • | | 0.01 | | E200.8 | 06/05/09 14:40 / ts |
| - - | • | | | | E200.8 | 06/05/09 14:40 / ts |
| | - | | | | E200.8 | 06/05/09 14:40 / ts |
| | - | | | | | 06/05/09 14:40 / ts |
| | - | | | | | 06/05/09 14:40 / ts |
| | _ | | | | | 06/05/09 14:40 / ts |
| | • | | | | | 06/05/09 14:40 / ts |
| ND | mg/L | | 0.01 | | E200.8 | 06/05/09 14:40 / ts |
| | | | | | | |
| ND | ma/l | D | 0.07 | | F200.7 | 06/16/09 23:02 / cp |
| 0.05 | mg/L | U | 0.01 | | E200.7 | 06/16/09 23:02 / cp |
| | 113 ND 138 59 5 0.1 3 ND ND 3 17.1 35 128 490 7.89 338 ND 0.004 ND ND ND ND ND ND ND ND ND ND ND ND ND | 113 mg/L ND mg/L 138 mg/L 59 mg/L 5 mg/L 0.1 mg/L 3 mg/L ND mg/L ND mg/L 3 mg/L 17.1 mg/L 35 mg/L 128 mg/L 128 mg/L 128 mg/L 128 mg/L 128 mg/L 128 mg/L 0.004 mg/L ND mg/L | 113 mg/L ND mg/L 138 mg/L 59 mg/L 5 mg/L 0.1 mg/L 3 mg/L ND mg/L ND mg/L 3 mg/L 17.1 mg/L 35 mg/L 128 mg/L 128 mg/L 128 mg/L ND mg/L | 113 mg/L 1 ND mg/L 1 138 mg/L 1 59 mg/L 1 5 mg/L 1 5 mg/L 1 0.1 mg/L 0.1 3 mg/L 1 ND mg/L 0.05 ND mg/L 0.05 ND mg/L 0.2 35 mg/L 1 128 mg/L 1 100.004 mg/L 0.01 ND mg/L 0.05 ND mg/L 0.01 ND mg/L 0.05 ND mg/L 0.01 ND mg/L 0.01 ND mg/L 0.05 ND mg/L 0.01 ND mg/L 0.01 ND mg/L 0.01 ND mg/L 0.01 ND mg/L 0.03 ND mg/L 0.001 | Result Units Qualifier RL QCL | Result Units Qualifier RL QCL Method |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-001

Client Sample ID M-119

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Amaluana | Result | l lastes | Ovelifien | D. | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|----------|-----------|----|-------------|-------------|----------------------|
| Analyses | Kezuit | Units | Qualifier | RL | - GOL | WISTITION | Analysis Date / Dy |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 84.3 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Alpha precision (±) | 4.4 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta | 25.3 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Radium 226 | 1.4 | pCi/L | | | | E903.0 | 06/16/09 16:27 / jah |
| Radium 226 precision (±) | 0.27 | pCi/L | | | | E903.0 | 06/16/09 16:27 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/16/09 16:27 / jah |
| Radium 228 | 1.2 | pCi/L | U | | | RA-05 | 06/11/09 12:14 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/11/09 12:14 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/11/09 12:14 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.95 | % | | | | Calculation | 06/18/09 14:09 / kbh |
| Anions | 5.08 | meq/L | | | | Calculation | 06/18/09 14:09 / kbh |
| Cations | 4.79 | meq/L | | | | Calculation | 06/18/09 14:09 / kbh |
| Solids, Total Dissolved Calculated | 301 | mg/L | | | | Calculation | 06/18/09 14:09 / kbh |
| TDS Balance (0.80 - 1.20) | 1.12 | - | | | | Calculation | 06/18/09 14:09 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-002

Client Sample ID M-122

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------------|--------------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 114 | mg/L | | 1 | | A2320 B | 06/09/09 14:52 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 14:52 / ljl |
| Bicarbonate as HCO3 | 140 | mg/L | | 1 | | A2320 B | 06/09/09 14:52 / ljl |
| Calcium | 59 | mg/L | | 1 | | E200.7 | 06/12/09 14:39 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/11/09 05:47 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 15:39 / Iji |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/12/09 14:39 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/05/09 12:14 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/05/09 12:21 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/12/09 14:39 / aae |
| Silica | 17.7 | mg/L | | 0.2 | | E200.7 | 06/18/09 17:13 / cp |
| Sodium | 35 | mg/L | | 1 | | E200.7 | 06/12/09 14:39 / aae |
| Sulfate | 127 | mg/L | | 1 | | E300.0 | 06/11/09 05:47 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 487 | umhos/cm | | 1 | | A2510 B | 06/03/09 14:24 / dd |
| рН | 7.95 | s.u. | | 0.01 | | A4500-H B | 06/03/09 14:24 / dd |
| Solids, Total Dissolved TDS @ 180 C | 345 | mg/L | | 10 | | A2540 C | 06/03/09 11:59 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 17:13 / cp |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 06/05/09 14:47 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 14:47 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 17:13 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/05/09 14:47 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/05/09 14:47 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 14:47 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/18/09 17:13 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 14:47 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 06/05/09 14:47 / ts |
| • | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 14:47 / ts |
| Meluhdanum | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 14:47 / ts |
| Molybdenum | ND | mg/L | | 0.05 | | E200.8 | 06/05/09 14:47 / ts |
| Nickel | ND ND | mg/L | | 0.001 | | E200.8 | 06/05/09 14:47 / ts |
| Selenium | 0.0501 | mg/L | | 0.0003 | | E200.8 | 06/05/09 14:47 / ts |
| Uranium | 0.0501 ND | - | | 0.0003 | | E200.8 | 06/05/09 14:47 / ts |
| Vanadium Zinc | Q.01 | mg/L mg/L | | 0.01 | | E200.8 | 06/05/09 14:47 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 06/16/09 23:06 / cp |
| Manganese | 0.02 | mg/L | . | 0.01 | | E200.7 | 06/16/09 23:06 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-002

Client Sample ID M-122

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | · | | _ | | | |
| Gross Alpha | 69.8 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Alpha precision (±) | 4.0 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta | 25.7 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Radium 226 | 9.7 | pCi/L | | | | E903.0 | 06/16/09 16:27 / jah |
| Radium 226 precision (±) | 0.64 | pCi/L | | | | E903.0 | 06/16/09 16:27 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/16/09 16:27 / jah |
| Radium 228 | 1.1 | pCi/L | U | | | RA-05 | 06/11/09 12:14 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/11/09 12:14 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/11/09 12:14 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.91 | % | | | | Calculation | 06/18/09 14:09 / kbh |
| Anions | 5.08 | meq/L | | | | Calculation | 06/18/09 14:09 / kbh |
| Cations | 4.80 | meq/L | | | | Calculation | 06/18/09 14:09 / kbh |
| Solids, Total Dissolved Calculated | 301 | mg/L | | | | Calculation | 06/18/09 14:09 / kbh |
| TDS Balance (0.80 - 1.20) | 1.15 | - | | | | Calculation | 06/18/09 14:09 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-003

Client Sample ID M-123

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| | | MCL/ | | | | |
|--------|---|---|--|---|---------------------------------------|--|
| Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By |
| | | | | | | |
| 116 | mg/L | | 1 | | A2320 B | 06/09/09 14:59 / Ijl |
| ND | _ | | 1 | | A2320 B | 06/09/09 14:59 / ljl |
| 142 | _ | | 1 | | A2320 B | 06/09/09 14:59 / ljl |
| | • | | | | E200.7 | 06/12/09 14:45 / aae |
| | • | | 1 | | E300.0 | 06/11/09 06:49 / ljl |
| | _ | | 0.1 | | A4500-F C | 06/08/09 15:52 / Ijl |
| | - | | 1 | | E200.7 | 06/12/09 14:45 / aae |
| _ | • | | 0.05 | | E350.1 | 06/05/09 12:15 / eli-b |
| | - | | | | | 06/05/09 12:22 / eli-b |
| | - | | | | | 06/12/09 14:45 / aae |
| | _ | | | | | 06/18/09 17:21 / cp |
| | - | | | | | 06/12/09 14:45 / aae |
| | - | | | | | 06/11/09 06:49 / ljl |
| 119 | mg/L | | ' | | L300.0 | 00/11/09 00:49 / iji |
| | | | | | | |
| 477 | umhos/cm | | 1 | | A2510 B | 06/03/09 14:26 / dd |
| 8.02 | s.u. | | 0.01 | | A4500-H B | 06/03/09 14:26 / dd |
| 330 | mg/L | | 10 | | A2540 C | 06/03/09 12:00 / rp |
| | | | | | | |
| ND | mall | | 0.1 | | E200.7 | 06/18/09 17:21 / cp |
| | - | | | | | 06/05/09 14:53 / ts |
| | • | | | | | 06/05/09 14:53 / ts |
| | - | | | | | 06/18/09 17:21 / cp |
| | - | | • • • • | | | 06/05/09 14:53 / ts |
| | - | | | | | 06/05/09 14:53 / ts |
| | _ | | | | | 06/05/09 14:53 / ts |
| | • | | | | | 06/18/09 17:21 / cp |
| • • • | - | | | | | 06/05/09 14:53 / ts |
| | _ | | | | | |
| | - | | | | | 06/05/09 14:53 / ts |
| | - | | | | | 06/05/09 14:53 / ts |
| | - | | | | | 06/05/09 14:53 / ts |
| | • | | | | | 06/05/09 14:53 / ts |
| | _ | | | | | 06/05/09 14:53 / ts |
| | mg/L | | | | | 06/05/09 14:53 / ts |
| | mg/L | | | | = | 06/05/09 14:53 / ts |
| 0.01 | mg/L | | 0.01 | | E200.8 | 06/05/09 14:53 / ts |
| | | | | | | |
| ND | ma/L | D | 0.07 | | E200.7 | 06/16/09 23:22 / cp |
| 0.05 | mg/L | | 0.01 | | E200.7 | 06/16/09 23:22 / cp |
| | ND 142 61 5 0.1 2 ND ND 3 18.3 32 119 477 8.02 330 ND | 116 mg/L ND mg/L 142 mg/L 61 mg/L 5 mg/L 0.1 mg/L 2 mg/L ND mg/L ND mg/L 3 mg/L 18.3 mg/L 119 mg/L 119 mg/L 119 mg/L 477 umhos/cm 8.02 s.u. 330 mg/L ND mg/L | 116 mg/L ND mg/L 142 mg/L 61 mg/L 5 mg/L 0.1 mg/L 2 mg/L ND mg/L ND mg/L 3 mg/L 18.3 mg/L 119 mg/L 119 mg/L ND mg/L ND mg/L ND mg/L 10.003 mg/L ND mg/L | 116 mg/L 1 ND mg/L 1 142 mg/L 1 61 mg/L 1 5 mg/L 1 0.1 mg/L 0.1 2 mg/L 0.05 ND mg/L 0.05 ND mg/L 0.2 32 mg/L 1 119 mg/L 1 100.003 mg/L 1 ND mg/L 0.01 ND mg/L 0.005 ND mg/L 0.005 ND mg/L 0.005 ND mg/L 0.001 ND mg/L 0.005 ND mg/L 0.005 ND mg/L 0.005 ND mg/L 0.005 ND mg/L 0.001 ND mg/L 0.005 ND mg/L 0.001 | Result Units Qualifier RL QCL | Result Units Qualifier RL QCL Method |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-003

Client Sample ID M-123

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL_ | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|-----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 33.0 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Alpha precision (±) | 2.9 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta | 10.4 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/24/09 09:16 / cgr |
| Radium 226 | 3.1 | pCi/L | | | | E903.0 | 06/16/09 22:40 / jah |
| Radium 226 precision (±) | 0.39 | pCi/L | | | | E903.0 | 06/16/09 22:40 / jah |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 06/16/09 22:40 / jah |
| Radium 228 | 1.0 | pCi/L | U | | | RA-05 | 06/11/09 12:14 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/11/09 12:14 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/11/09 12:14 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.73 | % | | | | Calculation | 06/18/09 14:11 / kbh |
| Anions | 4.95 | meq/L | | | | Calculation | 06/18/09 14:11 / kbh |
| Cations | 4.69 | meq/L | | | | Calculation | 06/18/09 14:11 / kbh |
| Solids, Total Dissolved Calculated | 292 | mg/L | | | | Calculation | 06/18/09 14:11 / kbh |
| TDS Balance (0.80 - 1.20) | 1.13 | ū | | | | Calculation | 06/18/09 14:11 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-004

Client Sample ID M-124

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|----------|----------|-----------|--------|-------------|--------------------|------------------------|
| | (1000 | Office | diam'i | | | | |
| MAJOR IONS | | ,, | | | | 40000 F | 00/00/00 45:00 / 6 |
| Alkalinity, Total as CaCO3 | 114 | mg/L | | 1 | | A2320 B A2320 B | 06/09/09 15:06 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | | 06/09/09 15:06 / ljl |
| Bicarbonate as HCO3 | 139 | mg/L | | 1 | | A2320 B | 06/09/09 15:06 / ljl |
| Calcium | 57 | mg/L | | 1 | | E200.7 | 06/12/09 14:50 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/11/09 07:04 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 15:59 / Ijl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/12/09 14:50 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/05/09 12:16 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/05/09 12:24 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/12/09 14:50 / aae |
| Silica | 17.4 | mg/L | | 0.2 | | E200.7 | 06/18/09 17:25 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 06/12/09 14:50 / aae |
| Sulfate | 110 | mg/L | | 1 | | E300.0 | 06/11/09 07:04 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 454 | umhos/cm | | 1 | | A2510 B | 06/03/09 14:28 / dd |
| pH | 8.23 | s.u. | | 0.01 | | A4500-H B | 06/03/09 14:28 / dd |
| Solids, Total Dissolved TDS @ 180 C | 312 | mg/L | | 10 | | A2540 C | 06/03/09 12:00 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 17:25 / cp |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 06/05/09 15:11 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 15:11 / ts |
| | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 17:25 / cp |
| Boron | ND | mg/L | | 0.005 | | E200.8 | 06/05/09 15:11 / ts |
| Cadmium | ND | mg/L | | 0.05 | | E200.8 | 06/05/09 15:11 / ts |
| Chromium | ND ND | - | | 0.01 | | E200.8 | 06/05/09 15:11 / ts |
| Copper | | mg/L | | 0.03 | | E200.7 | 06/18/09 17:25 / cp |
| Iron | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 15:11 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 15:11 / ts |
| Manganese | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 15:11 / ts |
| Mercury | ND | mg/L | | | | | 06/05/09 15:11 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 15:11 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 15:11 / ts |
| Uranium | 0.0538 | mg/L | | 0.0003 | | E200.8 | 06/05/09 15:11 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 15:11 / ts |
| Zinc | 0.03 | mg/L | | 0.01 | | E200.8 | 06/05/09 15:11 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 06/16/09 23:26 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/16/09 23:26 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-004

Client Sample ID M-124

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| | MCL/ | | | | | | | |
|------------------------------------|--------|-------|-----------|----|-----|-------------|----------------------|--|
| Analyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By | |
| RADIONUCLIDES - DISSOLVED | | | | | | | | |
| Gross Alpha | 71.0 | pÇi/L | | | | E900.0 | 06/24/09 23:04 / cgr | |
| Gross Alpha precision (±) | 3.9 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr | |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr | |
| Gross Beta | 23.7 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr | |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr | |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr | |
| Radium 226 | 1.4 | pCi/L | | | | E903.0 | 06/16/09 22:40 / jah | |
| Radium 226 precision (±) | 0.27 | pCi/L | | | | E903.0 | 06/16/09 22:40 / jah | |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/16/09 22:40 / jah | |
| Radium 228 | 1.8 | pCi/L | | | | RA-05 | 06/11/09 12:14 / plj | |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/11/09 12:14 / plj | |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/11/09 12:14 / plj | |
| DATA QUALITY | | | | | | | | |
| A/C Balance (± 5) | -3.92 | % | | | | Calculation | 06/18/09 14:11 / kbh | |
| Anions | 4.71 | meq/L | | | | Calculation | 06/18/09 14:11 / kbh | |
| Cations | 4.36 | meq/L | | | | Calculation | 06/18/09 14:11 / kbh | |
| Solids, Total Dissolved Calculated | 275 | mg/L | | | | Calculation | 06/18/09 14:11 / kbh | |
| TDS Balance (0.80 - 1.20) | 1.14 | - | | | | Calculation | 06/18/09 14:11 / kbh | |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-005

Client Sample ID M-125

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ | Method | Analysis Date / By |
|-------------------------------------|---------|----------|-----------|--------|------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 111 | mg/L | | 1 | | A2320 B | 06/09/09 15:13 / IjI |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 15:13 / Ijl |
| Bicarbonate as HCO3 | 136 | mg/L | | 1 | | A2320 B | 06/09/09 15:13 / ljl |
| Calcium | 70 | mg/L | | 1 | | E200.7 | 06/12/09 15:07 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/11/09 07:19 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 16:02 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/12/09 15:07 / aae |
| Nitrogen, Ammonia as N | , ND | mg/L | | 0.05 | | E350.1 | 06/05/09 12:20 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.06 | mg/L | | 0.05 | | E353.2 | 06/05/09 12:25 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/12/09 15:07 / aae |
| Silica | 16.7 | mg/L | | 0.2 | | E200.7 | 06/18/09 17:29 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 06/12/09 15:07 / aae |
| Sulfate | 153 | mg/L | | 1 | | E300.0 | 06/11/09 07:19 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 528 | umhos/cm | | 1 | | A2510 B | 06/03/09 14:31 / dd |
| pH | 7.91 | s.u. | | 0.01 | | A4500-H B | 06/03/09 14:31 / dd |
| Solids, Total Dissolved TDS @ 180 C | 360 | mg/L | | 10 | | A2540 C | 06/03/09 12:00 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 17:29 / cp |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 15:18 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 15:18 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 17:29 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/05/09 15:18 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/05/09 15:18 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 15:18 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/18/09 17:29 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 15:18 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 15:18 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 15:18 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 15:18 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/05/09 15:18 / ts |
| Selenium | 0.013 | mg/L | | 0.001 | | E200.8 | 06/05/09 15:18 / ts |
| Uranium | 0.297 | mg/L | | 0.0003 | | E200.8 | 06/05/09 15:18 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 15:18 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 15:18 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 06/16/09 23:30 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/16/09 23:30 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-005

Client Sample ID M-125

Report Date: 07/07/09

Collection Date: 06/02/09 DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|-------------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | . <u> </u> | | | • | |
| Gross Alpha | 308 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Alpha precision (±) | 8.2 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta | 83.0 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta precision (±) | 2.8 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta MDC | 2 .7 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Radium 226 | 2.0 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 226 precision (±) | 0.35 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 226 MDC | 0.25 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 228 | 2.1 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| Radium 228 MDC | 1.6 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.36 | % | | | | Calculation | 06/18/09 14:12 / kbh |
| Anions | 5.58 | meq/L | | | | Calculation | 06/18/09 14:12 / kbh |
| Cations | 5.22 | meq/L | | | | Calculation | 06/18/09 14:12 / kbh |
| Solids, Total Dissolved Calculated | 334 | mg/L | | | | Calculation | 06/18/09 14:12 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | • | | | | Calculation | 06/18/09 14:12 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-006

Client Sample ID M-126

Report Date: 07/07/09 Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|---------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | - | | | | · |
| Alkalinity, Total as CaCO3 | 90 | mg/L | | 1 | | A2320 B | 06/09/09 15:21 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 15:21 / ljl |
| Bicarbonate as HCO3 | 109 | mg/L | | 1 | | A2320 B | 06/09/09 15:21 / ljl |
| Calcium | 63 | mg/L | | 1 | | E200.7 | 06/12/09 15:12 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/11/09 07:35 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 16:05 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/12/09 15:12 / aae |
| Nitrogen, Ammonia as N | 0.25 | mg/L | | 0.05 | | E350.1 | 06/05/09 12:23 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/05/09 12:26 / eli-k |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/12/09 15:12 / aae |
| Silica | 15.6 | mg/L | | 0.2 | | E200.7 | 06/18/09 17:33 / cp |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 06/12/09 15:12 / aae |
| Sulfate | 149 | mg/L | | 1 | | E300.0 | 06/11/09 07:35 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 491 | umhos/cm | | 1 | | A2510 B | 06/03/09 14:33 / dd |
| pH | 8.30 | s.u. | | 0.01 | | A4500-H B | 06/03/09 14:33 / dd |
| Solids, Total Dissolved TDS @ 180 C | 328 | mg/L | | 10 | | A2540 C | 06/04/09 12:49 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 17:33 / cp |
| Arsenic | 0.007 | mg/L | | 0.001 | | E200.8 | 06/05/09 15:25 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 15:25 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 17:33 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/05/09 15:25 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/05/09 15:25 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 15:25 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/18/09 17:33 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 15:25 / ts |
| Manganese | 0.12 | mg/L | | 0.01 | | E200.8 | 06/05/09 15:25 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 15:25 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 15:25 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/05/09 15:25 / ts |
| Selenium | 0.006 | mg/L | | 0.001 | | E200.8 | 06/05/09 15:25 / ts |
| Uranium | 0.354 | mg/L | | 0.0003 | | E200.8 | 06/05/09 15:25 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 15:25 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 15:25 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 06/16/09 23:34 / cp |
| Manganese | 0.12 | mg/L | | 0.01 | | E200.7 | 06/16/09 23:34 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-006

Client Sample ID M-126

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 426 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Alpha precision (±) | 9.3 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta | 99.5 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta precision (±) | 2.9 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Radium 226 | 2.0 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 226 precision (±) | 0.31 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 228 | 1.3 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| Radium 228 precision (±) | 8.0 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.758 | % | | | | Calculation | 06/18/09 14:13 / kbh |
| Anions | 5.08 | meq/L | | | | Calculation | 06/18/09 14:13 / kbh |
| Cations | 5.00 | meq/L | | | | Calculation | 06/18/09 14:13 / kbh |
| Solids, Total Dissolved Calculated | 313 | mg/L | | | | Calculation | 06/18/09 14:13 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | - | | | | Calculation | 06/18/09 14:13 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-007

Client Sample ID M-127

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|-------------------------------------|-------------|--------------|-----------|--------------|------|------------------|------------------------|
| Analyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 110 | mg/L | | 1 | | A2320 B | 06/09/09 15:28 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 15:28 / ljl |
| Bicarbonate as HCO3 | 135 | mg/L | | 1 | | A2320 B | 06/09/09 15:28 / ljl |
| Calcium | 64 | mg/L | | 1 | | E200.7 | 06/12/09 15:17 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/11/09 07:50 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 16:07 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/12/09 15:17 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/05/09 12:24 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/05/09 12:27 / eli-b |
| Potassium | 8 | mg/L | | 1 | | E200.7 | 06/12/09 15:17 / aae |
| Silica | 17.0 | mg/L | | 0.2 | | E200.7 | 06/18/09 18:26 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 06/12/09 15:17 / aae |
| Sulfate | 140 | mg/L | | 1 | | E300.0 | 06/11/09 07:50 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 510 | umhos/cm | | 1 | | A2510 B | 06/03/09 14:35 / dd |
| pH | 8.04 | s.u. | | 0.01 | | A4500-H B | 06/03/09 14:35 / dd |
| Solids, Total Dissolved TDS @ 180 C | 340 | mg/L | | 10 | | A2540 C | 06/04/09 12:49 / rp |
| METALS - DISSOLVED | | | | | | | |
| | MD | | | 0.1 | | E200.7 | 06/18/09 18:26 / cp |
| Aluminum | ND 0.002 | mg/L | | 0.001 | | E200.7 E200.8 | 06/05/09 15:31 / ts |
| Arsenic | | mg/L | | 0.001 | | E200.8 | 06/05/09 15:31 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 E200.7 | 06/18/09 18:26 / cp |
| Boron | ND | mg/L | | 0.005 | | E200.7 E200.8 | 06/05/09 15:31 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/05/09 15:31 / ts |
| Chromium | ND | mg/L | | 0.05 0.01 | | E200.8 | 06/05/09 15:31 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 E200.7 | 06/18/09 18:26 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 E200.8 | 06/05/09 15:31 / ts |
| Lead | ND 0.00 | mg/L | | 0.001 | | E200.8 | 06/05/09 15:31 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 06/05/09 15:31 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 15:31 / ts |
| Molybdenum | ND ND | mg/L | | 0.05 | | E200.8 | 06/05/09 15:31 / ts |
| Nickel | 0.006 | mg/L | | 0.001 | | E200.8 | 06/05/09 15:31 / ts |
| Selenium | 0.006 | mg/L | | 0.0001 | | E200.8 | 06/05/09 15:31 / ts |
| Uranium | | mg/L | | 0.0003 | | E200.8 | 06/05/09 15:31 / ts |
| Vanadium Zinc | ND ND | mg/L mg/L | | 0.1 | | E200.8 | 06/05/09 15:31 / ts |
| METALS TOTAL | | | | | | | |
| METALS - TOTAL | ND | | | 0.07 | | E200.7 | 06/16/00 22:46 / 05 |
| Iron | ND 0.00 | mg/L | D | 0.07 | | E200.7 | 06/16/09 23:46 / cp |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 06/16/09 23:46 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-007

Client Sample ID M-127

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| | | | | | MCL/ | | Ameliata Baka (Bir |
|------------------------------------|--------|-------|-----------|-----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifier | RL. | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 186 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Alpha precision (±) | 6.4 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta | 47.6 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta precision (±) | 2.3 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Radium 226 | 1.5 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 226 precision (±) | 0.29 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 228 | 1.7 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.72 | % | | | | Calculation | 06/18/09 14:13 / kbh |
| Anions | 5.29 | meq/L | | | | Calculation | 06/18/09 14:13 / kbħ |
| Cations | 5.01 | meq/L | | | | Calculation | 06/18/09 14:13 / kbh |
| Solids, Total Dissolved Calculated | 318 | mg/L | | | | Calculation | 06/18/09 14:13 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 06/18/09 14:13 / kbh |
| · | | | | | | | |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-008

Client Sample ID M-128

Report Date: 07/07/09

Collection Date: 06/02/09 DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 113 | mg/L | | 1 | | A2320 B | 06/09/09 15:35 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 15:35 / Ijl |
| Bicarbonate as HCO3 | 138 | mg/L | | 1 | | A2320 B | 06/09/09 15:35 / ljl |
| Calcium | 74 | mg/L | | 1 | | E200.7 | 06/15/09 16:04 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/11/09 08:36 / IjI |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 16:16 / Ijl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/12/09 15:41 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/05/09 12:26 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/05/09 12:31 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/12/09 15:41 / aae |
| Silica | 16.3 | mg/L | | 0.2 | | E200.7 | 06/18/09 18:30 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 06/12/09 15:41 / aae |
| Sulfate | 155 | mg/L | | 1 | | E300.0 | 06/11/09 08:36 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 538 | umhos/cm | | 1 | | A2510 B | 06/03/09 14:37 / dd |
| pH | 7.84 | s.u. | | 0.01 | | A4500-H B | 06/03/09 14:37 / dd |
| Solids, Total Dissolved TDS @ 180 C | 368 | mg/L | | 10 | | A2540 C | 06/04/09 12:49 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 18:30 / cp |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 06/05/09 15:38 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 15:38 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 18:30 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/05/09 15:38 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/05/09 15:38 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 15:38 / ts |
| fron | ND | mg/L | | 0.03 | | E200.7 | 06/18/09 18:30 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 15:38 / ts |
| Manganese | 0.04 | mg/L | | 0.01 | | E200.8 | 06/05/09 15:38 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 15:38 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 15:38 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/05/09 15:38 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 15:38 / ts |
| Uranium | 0.0853 | mg/L | | 0.0003 | | E200.8 | 06/05/09 15:38 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 15:38 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 15:38 / ts |
| METALS - TOTAL | | | | | | | |
| iron | ND | mg/L | D | 0.07 | | E200.7 | 06/16/09 23:55 / cp |
| Manganese | 0.04 | mg/L | | 0.01 | | E200.7 | 06/16/09 23:55 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-008

Client Sample ID M-128

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 93.3 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Alpha precision (±) | 4.6 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta | 30.9 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta precision (±) | 2.1 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Radium 226 | 1.2 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 226 precision (±) | 0.26 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 228 | 1.6 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.81 | % | | | | Calculation | 06/18/09 14:13 / kbh |
| Anions | 5.66 | meq/L | | | | Calculation | 06/18/09 14:13 / kbh |
| Cations | 5.35 | meq/L | | | | Calculation | 06/18/09 14:13 / kbh |
| Solids, Total Dissolved Calculated | 340 | mg/L | | | | Calculation | 06/18/09 14:13 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | | | | | Calculation | 06/18/09 14:13 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-009

Client Sample ID MO-110

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | 11-14- | O!!# | DI. | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|-------------|----------|-----------|--------|-------------|------------------|------------------------|
| | Result | Units | Qualifier | RL | - GOL | MAUIOU | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 96 | mg/L | | 1 | | A2320 B | 06/09/09 15:57 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 15:57 / ljl |
| Bicarbonate as HCO3 | 117 | mg/L | | 1 | | A2320 B | 06/09/09 15:57 / ljl |
| Calcium | 47 | mg/L | | 1 | | E200.7 | 06/15/09 16:26 / aae |
| Chloride | 8 | mg/L | | 1 | | E300.0 | 06/11/09 08:52 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 16:19 / ljl |
| Magnesium | 1 | mg/L | | 1 | | E200.7 | 06/12/09 15:46 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/05/09 12:27 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.13 | mg/L | | 0.05 | | E353.2 | 06/05/09 12:34 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/12/09 15:46 / aae |
| Silica | 13.6 | mg/L | | 0.2 | | E200.7 | 06/18/09 18:34 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/12/09 15:46 / aae |
| Sulfate | 101 | mg/L | | 1 | | E300.0 | 06/11/09 08:52 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 421 | umhos/cm | | 1 | | A2510 B | 06/03/09 14:40 / dd |
| Н | 8.06 | s.u. | | 0.01 | | A4500-H B | 06/03/09 14:40 / dd |
| Solids, Total Dissolved TDS @ 180 C | 285 | mg/L | | 10 | | A2540 C | 06/04/09 12:49 / rp |
| METALS - DISSOLVED | | | | | | | |
| | ND | /I | | 0.1 | | E200.7 | 06/18/09 18:34 / cp |
| Aluminum | ND 0.004 | mg/L | | 0.001 | | E200.7 E200.8 | 06/05/09 15:47 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 06/05/09 15:47 / ts |
| Barium | ND | mg/L | | | | E200.8 E200.7 | |
| Boron | ND | mg/L | | 0.1 | | | 06/18/09 18:34 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/05/09 15:47 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/05/09 15:47 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 15:47 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/18/09 18:34 / cp |
| Lead | 0.001 | mg/L | | 0.001 | | E200.8 | 06/05/09 15:47 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 15:47 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 15:47 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 15:47 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/05/09 15:47 / ts |
| Selenium | 0.019 | mg/L | | 0.001 | | E200.8 | 06/05/09 15:47 / ts |
| Uranium | 0.294 | mg/L | | 0.0003 | | E200.8 | 06/05/09 15:47 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 15:47 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 15:47 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 06/16/09 23:59 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/16/09 23:59 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-009

Client Sample ID MO-110

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| | | | | had Amakada Bata / Bu | | | |
|------------------------------------|--------|-------|-----------|-----------------------|-----|-------------|----------------------|
| Analyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 385 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Alpha precision (±) | 8.6 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta | 96.7 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta precision (±) | 2.9 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Radium 226 | 2.6 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 226 precision (±) | 0.34 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 228 | 4.2 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.60 | % | | | | Calculation | 06/18/09 14:14 / kbh |
| Anions | 4.26 | meq/L | | | | Calculation | 06/18/09 14:14 / kbh |
| Cations | 3.89 | meq/L | | | | Calculation | 06/18/09 14:14 / kbh |
| Solids, Total Dissolved Calculated | 250 | mg/L | | | | Calculation | 06/18/09 14:14 / kbh |
| TDS Balance (0.80 - 1.20) | 1.14 | • | | | | Calculation | 06/18/09 14:14 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc.

Project:

Lost Creek

Lab ID:

C09060141-010

Client Sample ID MP-110

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| | | | | | MCL/ | | | |
|-------------------------------------|---------|----------|--------------|--------|------|------------------|------------------------|--|
| Analyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By | |
| MAJOR IONS | <u></u> | | | | | | | |
| Alkalinity, Total as CaCO3 | 108 | mg/L | | 1 | | A2320 B | 06/09/09 16:04 / ljl | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 16:04 / ljl | |
| Bicarbonate as HCO3 | 132 | mg/L | | 1 | | A2320 B | 06/09/09 16:04 / ljl | |
| Calcium | 53 | mg/L | | 1 | | E200.7 | 06/15/09 16:32 / aae | |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/11/09 09:07 / lji | |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 16:21 / Ijl | |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/15/09 16:32 / aae | |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/05/09 12:28 / eli-b | |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/05/09 12:35 / eli-b | |
| Potassium | 8 | mg/L | | 1 | | E200.7 | 06/12/09 15:51 / aae | |
| Silica | 16.8 | mg/L | | 0.2 | | E200.7 | 06/18/09 18:38 / cp | |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 06/15/09 16:32 / aae | |
| Sulfate | 130 | mg/L | | 1 | | E300.0 | 06/11/09 09:07 / ljl | |
| Gunate | 150 | mg/L | | • | | L500.0 | 00/11/03 00:07 / iji | |
| PHYSICAL PROPERTIES | | | | | | | | |
| Conductivity | 486 | umhos/cm | | 1 | | A2510 B | 06/03/09 14:42 / dd | |
| pH | 8.14 | s.u. | | 0.01 | | A4500-H B | 06/03/09 14:42 / dd | |
| Solids, Total Dissolved TDS @ 180 C | 341 | mg/L | | 10 | | A2540 C | 06/04/09 12:50 / rp | |
| METALS - DISSOLVED | | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 18:38 / cp | |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.7 | 06/05/09 16:21 / ts | |
| Barium | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 16:21 / ts | |
| Boron | ND | - | | 0.1 | | E200.7 | 06/18/09 18:38 / cp | |
| | | mg/L | | 0.005 | | E200.7 E200.8 | 06/05/09 16:21 / ts | |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/05/09 16:21 / ts | |
| Chromium | ND | mg/L | | | | | | |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 16:21 / ts | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/18/09 18:38 / cp | |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 16:21 / ts | |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 16:21 / ts | |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 16:21 / ts | |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 16:21 / ts | |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/05/09 16:21 / ts | |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 16:21 / ts | |
| Uranium | 0.275 | mg/L | | 0.0003 | | E200.8 | 06/05/09 16:21 / ts | |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 16:21 / ts | |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 16:21 / ts | |
| METALS - TOTAL | | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 06/17/09 09:16 / cp | |
| Manganese | ND | mg/L | - | 0.01 | | E200.7 | 06/17/09 09:16 / cp | |
| | | | | • | | | | |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-010

Client Sample ID MP-110

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 1460 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Alpha precision (±) | 17.3 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta | 479 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta precision (±) | 5.6 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta MDC | 2.7 | pÇi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Radium 226 | 698 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 226 precision (±) | 5.4 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah |
| Radium 228 | 7.0 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -5.00 | % | | | | Calculation | 06/18/09 14:20 / kbh |
| Anions | 5.02 | meq/L | | | | Calculation | 06/18/09 14:20 / kbh |
| Cations | 4.54 | meq/L | | | | Calculation | 06/18/09 14:20 / kbh |
| Solids, Total Dissolved Calculated | 298 | mg/L | | | | Calculation | 06/18/09 14:20 / kbh |
| TDS Balance (0.80 - 1.20) | 1.14 | | | | | Calculation | 06/18/09 14:20 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID: Client Sample ID M-131

C09060141-011

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 95 | mg/L | | 1 | | A2320 B | 06/09/09 16:20 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 16:20 / ljl |
| Bicarbonate as HCO3 | 116 | mg/L | | 1 | | A2320 B | 06/09/09 16:20 / ljl |
| Calcium | 48 | mg/L | | 1 | | E200.7 | 06/15/09 16:37 / aae |
| Chloride | 8 | mg/L | | 1 | | E300.0 | 06/11/09 09:23 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 16:24 / ljl |
| Magnesium | 1 | mg/L | | 1 | | E200.7 | 06/12/09 16:02 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/05/09 12:29 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.14 | mg/L | | 0.05 | | E353.2 | 06/05/09 12:37 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/12/09 16:02 / aae |
| Silica | 14.0 | mg/L | | 0.2 | | E200.7 | 06/18/09 18:42 / cp |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 06/12/09 16:02 / aae |
| Sulfate | 100 | mg/L | | 1 | | E300.0 | 06/11/09 09:23 / Ijl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 419 | umhos/cm | | 1 | | A2510 B | 06/03/09 14:46 / dd |
| pH | 8.29 | s.u. | | 0.01 | | A4500-H B | 06/03/09 14:46 / dd |
| Solids, Total Dissolved TDS @ 180 C | 265 | mg/L | | 10 | | A2540 C | 06/04/09 12:51 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 23:40 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 06/05/09 23:40 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 23:40 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 18:42 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/05/09 23:40 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/05/09 23:40 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 23:40 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/18/09 18:42 / cp |
| Lead | 0.001 | mg/L | | 0.001 | | E200.8 | 06/05/09 23:40 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 23:40 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 23:40 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 23:40 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/05/09 23:40 / ts |
| Selenium | 0.018 | mg/L | | 0.001 | | E200.8 | 06/05/09 23:40 / ts |
| Uranium | 0.307 | mg/L | | 0.0003 | | E200.8 | 06/05/09 23:40 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 23:40 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 23:40 / ts |
| METALS - TOTAL | | | | | | | |
| iron | ND | mg/L | D | 0.07 | | E200.7 | 06/17/09 09:20 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/17/09 09:20 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-011

Client Sample ID M-131

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| | MCL/ | | | | | | | | |
|------------------------------------|--------|-------|-----------|----|-----|-------------|----------------------|--|--|
| Analyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By | | |
| RADIONUCLIDES - DISSOLVED | | | | | | | | | |
| Gross Alpha | 388 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr | | |
| Gross Alpha precision (±) | 8.6 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr | | |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr | | |
| Gross Beta | 98.1 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr | | |
| Gross Beta precision (±) | 2.9 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr | | |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr | | |
| Radium 226 | 3.3 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah | | |
| Radium 226 precision (±) | 0.38 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah | | |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/16/09 13:47 / jah | | |
| Radium 228 | 1.9 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj | | |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj | | |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj | | |
| DATA QUALITY | | | | | | | | | |
| A/C Balance (± 5) | -2.84 | % | | | | Calculation | 06/18/09 14:20 / kbh | | |
| Anions | 4.23 | meq/L | | | | Calculation | 06/18/09 14:20 / kbh | | |
| Cations | 4.00 | meq/L | | | | Calculation | 06/18/09 14:20 / kbh | | |
| Solids, Total Dissolved Calculated | 251 | mg/L | | | | Calculation | 06/18/09 14:20 / kbh | | |
| TDS Balance (0.80 - 1.20) | 1.06 | - | | | | Calculation | 06/18/09 14:20 / kbh | | |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-012

Client Sample ID MU-110

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| | | | MCL/ | | | | | | |
|-------------------------------------|----------|----------|-----------|--------|-----|-----------|------------------------|--|--|
| Analyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By | | |
| MAJOR IONS | | | | | | | | | |
| Alkalinity, Total as CaCO3 | 36 | mg/L | | 1 | | A2320 B | 06/09/09 16:28 / ljl | | |
| Carbonate as CO3 | 5 | mg/L | | 1 | | A2320 B | 06/09/09 16:28 / ljl | | |
| Bicarbonate as HCO3 | 34 | mg/L | | 1 | | A2320 B | 06/09/09 16:28 / ljl | | |
| Calcium | 30 | mg/L | | 1 | | E200.7 | 06/15/09 16:42 / aae | | |
| Chloride | 9 | mg/L | | 1 | | E300.0 | 06/11/09 09:38 / ljl | | |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 16:27 / ljl | | |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/12/09 16:08 / aae | | |
| Nitrogen, Ammonia as N | 0.14 | mg/L | | 0.05 | | E350.1 | 06/05/09 12:30 / eli-b | | |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/05/09 12:38 / eli-b | | |
| Potassium | 11 | mg/L | | 1 | | E200.7 | 06/12/09 16:08 / aae | | |
| Silica | 15.0 | mg/L | | 0.2 | | E200.7 | 06/18/09 18:54 / cp | | |
| Sodium | 35 | mg/L | | 1 | | E200.7 | 06/12/09 16:08 / aae | | |
| Sulfate | 110 | mg/L | | 1 | | E300.0 | 06/11/09 09:38 / ljl | | |
| Canaco | 110 | | | • | | | | | |
| PHYSICAL PROPERTIES | | | | | | | | | |
| Conductivity | 381 | umhos/cm | | 1 | | A2510 B | 06/03/09 14:48 / dd | | |
| pH | 9.61 | s.u. | | 0.01 | | A4500-H B | 06/03/09 14:48 / dd | | |
| Solids, Total Dissolved TDS @ 180 C | 225 | mg/L | | 10 | | A2540 C | 06/04/09 12:51 / rp | | |
| METALS - DISSOLVED | | | | | | | | | |
| Aluminum | 0.1 | mg/L | | 0.1 | | E200.8 | 06/05/09 23:47 / ts | | |
| Arsenic | 0.022 | mg/L | | 0.001 | | E200.8 | 06/05/09 23:47 / ts | | |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 23:47 / ts | | |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 18:54 / cp | | |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/05/09 23:47 / ts | | |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/05/09 23:47 / ts | | |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 23:47 / ts | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/18/09 18:54 / cp | | |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 23:47 / ts | | |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 23:47 / ts | | |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 23:47 / ts | | |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 23:47 / ts | | |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/05/09 23:47 / ts | | |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 23:47 / ts | | |
| Uranium | 0.0815 | mg/L | | 0.0003 | | E200.8 | 06/05/09 23:47 / ts | | |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 23:47 / ts | | |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 23:47 / ts | | |
| METALS - TOTAL | | | | | | | | | |
| Iron | ND | ma/l | D | 0.07 | | E200.7 | 06/17/09 09:24 / cp | | |
| | ND ND | mg/L | U | 0.07 | | E200.7 | 06/17/09 09:24 / cp | | |
| Manganese | ND | mg/L | | 0.01 | | L200.1 | 00/7/103 03.24 / Op | | |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-012

Client Sample ID MU-110

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| | MCL/ | | | | | | | | |
|------------------------------------|--------|-------|-----------|----|-----|-------------|----------------------|--|--|
| Analyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By | | |
| RADIONUCLIDES - DISSOLVED | | | | | | | | | |
| Gross Alpha | 111 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr | | |
| Gross Alpha precision (±) | 4.7 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr | | |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr | | |
| Gross Beta | 42.6 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr | | |
| Gross Beta precision (±) | 2.3 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr | | |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr | | |
| Radium 226 | 2.9 | pCi/L | | | | E903.0 | 06/16/09 16:22 / jah | | |
| Radium 226 precision (±) | 0.38 | pCi/L | | | | E903.0 | 06/16/09 16:22 / jah | | |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 06/16/09 16:22 / jah | | |
| Radium 228 | 4.0 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj | | |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj | | |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj | | |
| DATA QUALITY | | | | | | | | | |
| A/C Balance (± 5) | 0.403 | % | | | | Calculation | 06/18/09 14:20 / kbh | | |
| Anions | 3.27 | meq/L | | | | Calculation | 06/18/09 14:20 / kbh | | |
| Cations | 3.30 | meq/L | | | | Calculation | 06/18/09 14:20 / kbh | | |
| Solids, Total Dissolved Calculated | 216 | mg/L | | | | Calculation | 06/18/09 14:20 / kbh | | |
| TDS Balance (0.80 - 1.20) | 1.04 | | | | | Calculation | 06/18/09 14:20 / kbh | | |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-013

Client Sample ID MO-111

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|-------------------------------------|----------|----------|-----------|--------|------|------------------|------------------------|
| Analyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | • • | | | | |
| Alkalinity, Total as CaCO3 | 98 | mg/L | | 1 | | A2320 B | 06/09/09 16:35 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 16:35 / Ijl |
| Bicarbonate as HCO3 | 120 | mg/L | | 1 | | A2320 B | 06/09/09 16:35 / ljl |
| Calcium | 46 | mg/L | | 1 | | E200.7 | 06/15/09 16:48 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/11/09 10:24 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 16:43 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/12/09 16:13 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/05/09 12:34 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.16 | mg/L | | 0.05 | | E353.2 | 06/05/09 12:39 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/12/09 16:13 / aae |
| Silica | 14.8 | mg/L | | 0.2 | | E200.7 | 06/18/09 19:02 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/12/09 16:13 / aae |
| Sulfate | 96 | mg/L | | 1 | | E300.0 | 06/11/09 10:24 / ljl |
| dilato | 50 | mg/L | | • | | | 00/11/00 TO:21/1/p |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 408 | umhos/cm | | 1 | | A2510 B | 06/03/09 14:51 / dd |
| pH | 7.81 | s.u. | | 0.01 | | A4500-H B | 06/03/09 14:51 / dd |
| Solids, Total Dissolved TDS @ 180 C | 261 | mg/L | | 10 | | A2540 C | 06/04/09 12:51 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 23:54 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 06/05/09 23:54 / ts |
| Barium | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 23:54 / ts |
| | ND ND | • | | 0.1 | | E200.7 | 06/18/09 19:02 / cp |
| Boron | ND ND | mg/L | | 0.005 | | E200.7 | 06/05/09 23:54 / ts |
| Cadmium | ND ND | mg/L | | 0.005 | | E200.8 | 06/05/09 23:54 / ts |
| Chromium | ND ND | mg/L | | 0.03 | | E200.8 | 06/05/09 23:54 / ts |
| Copper | | mg/L | | 0.01 | | E200.8 E200.7 | 06/18/09 19:02 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 E200.8 | 06/05/09 23:54 / ts |
| Lead | ND | mg/L | | | | | 06/05/09 23:54 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/05/09 23:54 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 23:54 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/05/09 23:54 / ts |
| Selenium | 0.022 | mg/L | | 0.001 | | E200.8 | 06/05/09 23:54 / ts |
| Uranium | 0.369 | mg/L | | 0.0003 | | E200.8 | 06/05/09 23:54 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/05/09 23:54 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/05/09 23:54 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 06/17/09 09:28 / cp |
| Manganese | ND | mg/L | - | 0.01 | | E200.7 | 06/17/09 09:28 / cp |
| | ,,,, | | | | | | 23. 7.7.42 |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-013

Client Sample ID MO-111

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|-----------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 439 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Alpha precision (±) | 9.2 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta | 138 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta precision (±) | 3.3 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/24/09 23:04 / cgr |
| Radium 226 | 6.2 | pCi/L | | | | E903.0 | 06/16/09 16:22 / jah |
| Radium 226 precision (±) | 0.52 | pCi/L | | | | E903.0 | 06/16/09 16:22 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/16/09 16:22 / jah |
| Radium 228 | 1.4 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/11/09 14:26 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.93 | % | | | | Calculation | 06/18/09 14:21 / kbh |
| Anions | 4.15 | meq/L | | | | Calculation | 06/18/09 14:21 / kbh |
| Cations | 3.84 | meq/L | | | | Calculation | 06/18/09 14:21 / kbh |
| Solids, Total Dissolved Calculated | 243 | mg/L | | | | Calculation | 06/18/09 14:21 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 06/18/09 14:21 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-014

Client Sample ID MU-111

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By |
|--------|--|---|---|--|--|--|
| | | | | | | |
| | | | | | | |
| 79 | mg/L | | 1 | | A2320 B | 06/09/09 16:42 / Ijl |
| ND | - | | 1 | | A2320 B | 06/09/09 16:42 / ljl |
| 96 | - | | 1 | | A2320 B | 06/09/09 16:42 / Ijl |
| 50 | mg/L | | 1 | | E200.7 | 06/15/09 17:11 / aae |
| 7 | mg/L | | 1 | | E300.0 | 06/11/09 10:40 / ljl |
| 0.2 | - | | 0.1 | | A4500-F C | 06/08/09 16:46 / Ijl |
| 1 | _ | | 1 | | E200.7 | 06/12/09 16:18 / aae |
| ND | • | | 0.05 | | E350.1 | 06/05/09 12:38 / eli-b |
| ND | - | | 0.05 | | E353.2 | 06/05/09 12:40 / eli-b |
| 11 | =" | | 1 | | E200.7 | 06/12/09 16:18 / aae |
| | - | | 0.2 | | E200.7 | 06/18/09 19:18 / cp |
| | - | | 1 | | E200.7 | 06/12/09 16:18 / aae |
| 135 | mg/L | | 1 | | E300.0 | 06/11/09 10:40 / ljl |
| | | | | | | |
| 477 | umhos/cm | | 1 | | A2510 B | 06/03/09 14:52 / dd |
| | | | | | | 06/03/09 14:52 / dd |
| | | | | | | 06/04/09 12:52 / rp |
| 304 | my.c | | , 0 | | 712040 | 00/0//00 12:02 / 16 |
| | | | | | | |
| | • | | | | | 06/06/09 00:05 / ts |
| | - | | | | | 06/06/09 00:05 / ts |
| | - | | = | | | 06/06/09 00:05 / ts |
| | mg/L | | | | | 06/18/09 19:18 / cp |
| | mg/L | | | | | 06/06/09 00:05 / ts |
| | mg/L | | | | | 06/06/09 00:05 / ts |
| ND | mg/L | | | | | 06/06/09 00:05 / ts |
| ND | mg/L | | | | | 06/18/09 19:18 / cp |
| ND | mg/L | | | | | 06/06/09 00:05 / ts |
| ND | mg/L | | 0.01 | | | 06/06/09 00:05 / ts |
| ND | mg/L | | 0.001 | | E200.8 | 06/06/09 00:05 / ts |
| ND | mg/L | | 0.1 | | E200.8 | 06/06/09 00:05 / ts |
| ND | mg/L | | 0.05 | | E200.8 | 06/06/09 00:05 / ts |
| ND | mg/L | | 0.001 | | E200.8 | 06/06/09 00:05 / ts |
| 0.0314 | mg/L | | 0.0003 | | E200.8 | 06/06/09 00:05 / ts |
| ND | mg/L | | 0.1 | | E200.8 | 06/06/09 00:05 / ts |
| ND | mg/L | | 0.01 | | E200.8 | 06/06/09 00:05 / ts |
| | | | | | | |
| ND | mg/L | D | 0.07 | | E200.7 | 06/17/09 09:32 / cp |
| ND | - | | 0.01 | | E200.7 | 06/17/09 09:32 / cp |
| | 96 50 7 0.2 1 ND ND 11 15.2 37 135 477 8.86 304 ND | 96 mg/L 50 mg/L 7 mg/L 0.2 mg/L 1 mg/L ND mg/L ND mg/L 11 mg/L 15.2 mg/L 37 mg/L 135 mg/L 135 mg/L 477 umhos/cm 8.86 s.u. 304 mg/L ND mg/L | 96 mg/L 50 mg/L 7 mg/L 0.2 mg/L 1 mg/L ND mg/L ND mg/L 11 mg/L 15.2 mg/L 37 mg/L 135 mg/L 135 mg/L 477 umhos/cm 8.86 s.u. 304 mg/L ND mg/L | 96 mg/L 50 mg/L 7 mg/L 0.2 mg/L 1 1 mg/L ND mg/L 1 1 mg/L 1 1 ND mg/L 1 15.2 mg/L 135 mg/L 1 135 mg/L 1 10 ND mg/L 10 ND mg/ | 96 mg/L 1 50 mg/L 1 7 mg/L 1 0.2 mg/L 0.1 1 mg/L 1 ND mg/L 0.05 ND mg/L 0.05 ND mg/L 1 15.2 mg/L 1 135 mg/L 1 135 mg/L 1 10 ND mg/L 0.01 ND mg/L 0.1 ND mg/L 0.1 ND mg/L 0.1 ND mg/L 0.1 ND mg/L 0.05 ND mg/L 0.01 ND mg/L 0.01 ND mg/L 0.01 ND mg/L 0.05 ND mg/L 0.01 ND mg/L 0.03 ND mg/L 0.001 ND mg/L 0.001 ND mg/L 0.01 ND mg/L 0.001 ND mg/L 0.0003 ND mg/L 0.001 ND mg/L 0.0003 ND mg/L 0.001 | 96 mg/L 1 A2320 B 50 mg/L 1 E200.7 7 mg/L 1 E300.0 0.2 mg/L 0.1 A4500-F C 1 mg/L 1 E200.7 ND mg/L 0.05 E350.1 ND mg/L 0.05 E353.2 11 mg/L 1 E200.7 15.2 mg/L 0.2 E200.7 135 mg/L 1 E200.7 135 mg/L 1 E200.7 136 s.u. 0.01 A4500-H B 8.86 s.u. 0.01 A4500-H B 304 mg/L 0.0 A2540 C ND mg/L 0.1 E200.8 ND mg/L 0.05 E200.8 ND mg/L 0.05 E200.8 ND mg/L 0.01 E200.8 ND mg/L 0.001 E200.8 |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-014

Client Sample ID MU-111

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| | MCL/ | | | | | | | | |
|------------------------------------|--------|-------|-----------|----|-----|-------------|----------------------|--|--|
| Analyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By | | |
| RADIONUCLIDES - DISSOLVED | | | | | | | | | |
| Gross Alpha | 229 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr | | |
| Gross Alpha precision (±) | 6.8 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr | | |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr | | |
| Gross Beta | 93.3 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr | | |
| Gross Beta precision (±) | 2.9 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr | | |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr | | |
| Radium 226 | 112 | pCi/L | | | | E903.0 | 06/19/09 13:14 / jah | | |
| Radium 226 precision (±) | 2.1 | pCi/L | | | | E903.0 | 06/19/09 13:14 / jah | | |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 06/19/09 13:14 / jah | | |
| Radium 228 | 2.7 | pCi/L | | | | RA-05 | 06/15/09 11:16 / plj | | |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 06/15/09 11:16 / plj | | |
| Radium 228 MDC | 1 | pCi/L | | | | RA-05 | 06/15/09 11:16 / plj | | |
| DATA QUALITY | | | | | | | | | |
| A/C Balance (± 5) | -1.12 | % | | | | Calculation | 06/18/09 14:22 / kbh | | |
| Anions | 4.59 | meq/L | | | | Calculation | 06/18/09 14:22 / kbh | | |
| Cations | 4.49 | meq/L | | | | Calculation | 06/18/09 14:22 / kbh | | |
| Solids, Total Dissolved Calculated | 288 | mg/L | | | | Calculation | 06/18/09 14:22 / kbh | | |
| TDS Balance (0.80 - 1.20) | 1.06 | _ | | | | Calculation | 06/18/09 14:22 / kbh | | |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-015

Client Sample ID MO-112

Report Date: 07/07/09

Collection Date: 06/02/09

MACL /

DateReceived: 06/03/09

Matrix: Aqueous

| mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | Qualifier | RL 1 1 1 1 0.1 1 0.05 0.05 1 0.2 1 1 | QCL | A2320 B A2320 B A2320 B E200.7 E300.0 A4500-F C E200.7 E350.1 E353.2 E200.7 E200.7 E300.0 | 06/09/09 16:50 / Iji 06/09/09 16:50 / Iji 06/09/09 16:50 / Iji 06/09/09 16:50 / Iji 06/15/09 17:16 / aae 06/11/09 10:55 / Iji 06/08/09 16:50 / Iji 06/05/09 12:39 / eli-b 06/05/09 12:41 / eli-b 06/12/09 16:53 / aae 06/18/09 19:22 / cp 06/12/09 16:53 / aae 06/11/09 10:55 / Iji |
|--|---|---|--|--|--|
| mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 1 1 0.1 1 0.05 0.05 1 0.2 | | A2320 B A2320 B E200.7 E300.0 A4500-F C E200.7 E350.1 E353.2 E200.7 E200.7 | 06/09/09 16:50 / iji 06/09/09 16:50 / iji 06/15/09 17:16 / aae 06/11/09 10:55 / iji 06/08/09 16:50 / iji 06/12/09 16:53 / aae 06/05/09 12:39 / eli-b 06/05/09 12:41 / eli-b 06/12/09 16:53 / aae 06/18/09 19:22 / cp 06/12/09 16:53 / aae |
| mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 1 1 0.1 1 0.05 0.05 1 0.2 | | A2320 B A2320 B E200.7 E300.0 A4500-F C E200.7 E350.1 E353.2 E200.7 E200.7 | 06/09/09 16:50 / iji 06/09/09 16:50 / iji 06/15/09 17:16 / aae 06/11/09 10:55 / iji 06/08/09 16:50 / iji 06/12/09 16:53 / aae 06/05/09 12:39 / eli-b 06/05/09 12:41 / eli-b 06/12/09 16:53 / aae 06/18/09 19:22 / cp 06/12/09 16:53 / aae |
| mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 1 1 0.1 1 0.05 0.05 1 0.2 | | A2320 B E200.7 E300.0 A4500-F C E200.7 E350.1 E353.2 E200.7 E200.7 | 06/09/09 16:50 / iji 06/09/09 16:50 / iji 06/15/09 17:16 / aae 06/11/09 10:55 / iji 06/08/09 16:50 / iji 06/12/09 16:53 / aae 06/05/09 12:39 / eli-b 06/05/09 12:41 / eli-b 06/12/09 16:53 / aae 06/18/09 19:22 / cp 06/12/09 16:53 / aae |
| mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 1 0.1 1 0.05 0.05 1 0.2 | | A2320 B E200.7 E300.0 A4500-F C E200.7 E350.1 E353.2 E200.7 E200.7 | 06/09/09 16:50 / Iji 06/15/09 17:16 / aae 06/11/09 10:55 / Iji 06/08/09 16:50 / Iji 06/12/09 16:53 / aae 06/05/09 12:39 / eli-b 06/05/09 12:41 / eli-b 06/12/09 16:53 / aae 06/18/09 19:22 / cp 06/12/09 16:53 / aae |
| mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 0.1 1 0.05 0.05 1 0.2 | | E300.0 A4500-F C E200.7 E350.1 E353.2 E200.7 E200.7 | 06/15/09 17:16 / aae 06/11/09 10:55 / IjI 06/08/09 16:50 / IjI 06/12/09 16:53 / aae 06/05/09 12:39 / eli-b 06/05/09 12:41 / eli-b 06/12/09 16:53 / aae 06/18/09 19:22 / cp 06/12/09 16:53 / aae |
| mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 0.1 1 0.05 0.05 1 0.2 | | A4500-F C E200.7 E350.1 E353.2 E200.7 E200.7 | 06/08/09 16:50 / Iji 06/12/09 16:53 / aae 06/05/09 12:39 / eli-b 06/05/09 12:41 / eli-b 06/12/09 16:53 / aae 06/18/09 19:22 / cp 06/12/09 16:53 / aae |
| mg/L mg/L mg/L mg/L mg/L mg/L mg/L | | 1 0.05 0.05 1 0.2 | | E200.7 E350.1 E353.2 E200.7 E200.7 | 06/12/09 16:53 / aae 06/05/09 12:39 / eli-b 06/05/09 12:41 / eli-b 06/12/09 16:53 / aae 06/18/09 19:22 / cp 06/12/09 16:53 / aae |
| mg/L mg/L mg/L mg/L mg/L mg/L | | 0.05 0.05 1 0.2 1 | | E350.1 E353.2 E200.7 E200.7 E200.7 | 06/05/09 12:39 / eli-b 06/05/09 12:41 / eli-b 06/12/09 16:53 / aae 06/18/09 19:22 / cp 06/12/09 16:53 / aae |
| mg/L mg/L mg/L mg/L mg/L | | 0.05 1 0.2 1 | | E353.2 E200.7 E200.7 E200.7 | 06/05/09 12:41 / eli-b 06/12/09 16:53 / aae 06/18/09 19:22 / cp 06/12/09 16:53 / aae |
| mg/L mg/L mg/L mg/L umhos/cm | | 1 0.2 1 | | E200.7 E200.7 E200.7 | 06/12/09 16:53 / aae 06/18/09 19:22 / cp 06/12/09 16:53 / aae |
| mg/L mg/L mg/L umhos/cm | | 0.2 1 | | E200.7 E200.7 | 06/18/09 19:22 / cp 06/12/09 16:53 / aae |
| mg/L mg/L umhos/cm | | 1 | | E200.7 | 06/12/09 16:53 / aae |
| mg/L umhos/cm | | | | | |
| umhos/cm | | 1 | | E300.0 | 06/11/09 10:55 / lil |
| | | | | | 23 |
| | | | | | |
| | | 1 | | A2510 B | 06/03/09 14:54 / dd |
| S.U. | | 0.01 | | A4500-H B | 06/03/09 14:54 / dd |
| mg/L | | 10 | | A2540 C | 06/04/09 12:52 / rp |
| | | | | | |
| ma/L | | 0.1 | | E200.8 | 06/06/09 00:07 / ts |
| _ | | 0.001 | | E200.8 | 06/06/09 00:07 / ts |
| - | | 0.1 | | E200.8 | 06/06/09 00:07 / ts |
| - | | 0.1 | | E200.7 | 06/18/09 19:22 / cp |
| - | | 0.005 | | E200.8 | 06/06/09 00:07 / ts |
| - | | 0.05 | | E200.8 | 06/06/09 00:07 / ts |
| _ | | 0.01 | | E200.8 | 06/06/09 00:07 / ts |
| - | | 0.03 | | E200.7 | 06/18/09 19:22 / cp |
| mg/L | | 0.001 | | E200.8 | 06/06/09 00:07 / ts |
| mg/L | | 0.01 | | E200.8 | 06/06/09 00:07 / ts |
| mg/L | | 0.001 | | E200.8 | 06/06/09 00:07 / ts |
| mg/L | | 0.1 | | E200.8 | 06/06/09 00:07 / ts |
| mg/L | | 0.05 | | E200.8 | 06/06/09 00:07 / ts |
| mg/L | | 0.001 | | E200.8 | 06/06/09 00:07 / ts |
| mg/L | | 0.0003 | | E200.8 | 06/06/09 00:07 / ts |
| mg/L | | 0.1 | | E200.8 | 06/06/09 00:07 / ts |
| mg/L | | 0.01 | | E200.8 | 06/06/09 00:07 / ts |
| | | | | | |
| mg/L | ם | 0.07 | | E200.7 | 06/17/09 09:37 / cp |
| mg/L | | 0.01 | | E200.7 | 06/17/09 09:37 / cp |
| | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L | mg/L 0.1 mg/L 0.001 mg/L 0.1 mg/L 0.1 mg/L 0.05 mg/L 0.05 mg/L 0.01 mg/L 0.1 mg/L 0.05 mg/L 0.05 mg/L 0.01 mg/L 0.05 mg/L 0.01 mg/L 0.05 mg/L 0.001 mg/L 0.001 mg/L 0.001 mg/L 0.001 | mg/L 0.1 mg/L 0.001 mg/L 0.1 mg/L 0.1 mg/L 0.1 mg/L 0.05 mg/L 0.05 mg/L 0.01 mg/L 0.1 mg/L 0.1 mg/L 0.05 mg/L 0.05 mg/L 0.1 mg/L 0.05 mg/L 0.001 mg/L 0.001 mg/L 0.001 mg/L 0.001 mg/L 0.001 | mg/L 0.1 E200.8 mg/L 0.001 E200.8 mg/L 0.1 E200.8 mg/L 0.01 E200.7 mg/L 0.005 E200.8 mg/L 0.05 E200.8 mg/L 0.01 E200.8 mg/L 0.03 E200.7 mg/L 0.001 E200.8 mg/L 0.01 E200.8 mg/L 0.05 E200.8 mg/L 0.001 E200.8 mg/L 0.001 E200.8 mg/L 0.001 E200.8 mg/L 0.0003 E200.8 mg/L 0.1 E200.8 mg/L 0.01 E200.8 mg/L 0.01 E200.8 mg/L 0.01 E200.8 mg/L 0.01 E200.8 |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-015

Client Sample ID MO-112

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|--------|-----------|----|-------------|-------------|----------------------|
| - Thurston | Nesuit | Offics | Qualifier | KL | QUL | Metrica | Alialysis Date / Dy |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 334 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Alpha precision (±) | 7.6 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta | 94.6 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta precision (±) | 2.8 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Radium 226 | 1.0 | pCi/L | | | | E903.0 | 06/19/09 13:14 / jah |
| Radium 226 precision (±) | 0.25 | pCi/L | | | | E903.0 | 06/19/09 13:14 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/19/09 13:14 / jah |
| Radium 228 | 0.4 | pCi/L | U | | | RA-05 | 06/15/09 11:16 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 06/15/09 11:16 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 06/15/09 11:16 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 2.48 | % | | | | Calculation | 06/18/09 14:23 / kbh |
| Anions | 3.38 | meq/L | | | | Calculation | 06/18/09 14:23 / kbh |
| Cations | 3.55 | meq/L | | | | Calculation | 06/18/09 14:23 / kbh |
| Solids, Total Dissolved Calculated | 210 | mg/L | | | | Calculation | 06/18/09 14:23 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | _ | | | | Calculation | 06/18/09 14:23 / kbh |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

Client Sample ID MP-112

C09060141-016

Report Date: 07/07/09 Collection Date: 06/02/09 DateReceived: 06/03/09

Matrix: Aqueous

| *** | - | | | | | | | |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|------------------------|--|
| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By | |
| MAJOR IONS | | | | | | | | |
| Alkalinity, Total as CaCO3 | 39 | mg/L | | 1 | | A2320 B | 06/09/09 16:56 / Iji | |
| Carbonate as CO3 | 1 | mg/L | | 1 | | A2320 B | 06/09/09 16:56 / ljl | |
| Bicarbonate as HCO3 | 45 | mg/L | | 1 | | A2320 B | 06/09/09 16:56 / Ijl | |
| Calcium | 38 | mg/L | | 1 | | E200.7 | 06/15/09 17:22 / aae | |
| Chloride | 7 | mg/L | | 1 | | E300.0 | 06/11/09 11:11 / ljl | |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 16:52 / Iji | |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/12/09 16:58 / aae | |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/05/09 12:40 / eli-l | |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/05/09 12:43 / eli-l | |
| Potassium | 9 | mg/L | | 1 | | E200.7 | 06/12/09 16:58 / aae | |
| Silica | 15.0 | mg/L | | 0.2 | | E200.7 | 06/18/09 19:27 / cp | |
| Sodium | 40 | mg/L | | 1 | | E200.7 | 06/12/09 16:58 / aae | |
| Sulfate | 128 | mg/L | | 1 | | E300.0 | 06/11/09 11:11 / ljl | |
| PHYSICAL PROPERTIES | | | | | | | | |
| Conductivity | 405 | umhos/cm | | 1 | | A2510 B | 06/03/09 14:56 / dd | |
| pH | 9.30 | s.u. | | 0.01 | | A4500-H B | 06/03/09 14:56 / dd | |
| Solids, Total Dissolved TDS @ 180 C | 240 | mg/L | | 10 | | A2540 C | 06/04/09 12:53 / rp | |
| METALS - DISSOLVED | | | | | | | | |
| Aluminum | 0.2 | mg/L | | 0.1 | | E200.8 | 06/06/09 00:14 / ts | |
| Arsenic | 0.027 | mg/L | | 0.001 | | E200.8 | 06/06/09 00:14 / ts | |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 00:14 / ts | |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 19:27 / cp | |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 00:14 / ts | |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 00:14 / ts | |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 00:14 / ts | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/18/09 19:27 / cp | |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 00:14 / ts | |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 00:14 / ts | |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 00:14 / ts | |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 00:14 / ts | |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 00:14 / ts | |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 00:14 / ts | |
| Uranium | 0.405 | mg/L | | 0.0003 | | E200.8 | 06/06/09 00:14 / ts | |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 00:14 / ts | |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 00:14 / ts | |
| METALS - TOTAL | | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 06/17/09 09:41 / cp | |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/17/09 09:41 / cp | |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-016

Client Sample ID MP-112

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | l l miém | Ovelities | D. | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|----------|-----------|----|-------------|-------------|----------------------|
| Allalyses | Result | Units | Qualifier | RL | QCL. | MACHOO | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 760 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Alpha precision (±) | 12.3 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta | 271 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta precision (±) | 4.4 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Radium 226 | 120 | pCi/L | | | | E903.0 | 06/30/09 11:31 / jah |
| Radium 226 precision (±) | 1.8 | pCi/L | | | | E903.0 | 06/30/09 11:31 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 06/30/09 11:31 / jah |
| Radium 228 | 2,2 | pCi/L | | | | RA-05 | 06/15/09 13:20 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/15/09 13:20 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/15/09 13:20 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 3.33 | % | | | | Calculation | 06/18/09 14:23 / kbh |
| Anions | 3.64 | meq/L | | | | Calculation | 06/18/09 14:23 / kbh |
| Cations | 3.89 | meq/L | | | | Calculation | 06/18/09 14:23 / kbh |
| Solids, Total Dissolved Calculated | 246 | mg/L | | | | Calculation | 06/18/09 14:23 / kbh |
| TDS Balance (0.80 - 1.20) | 0.980 | - | | | | Calculation | 06/18/09 14:23 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-017

Client Sample ID MU-112

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|-------------------------------------|--------|----------|-----------|--------|------|-----------|------------------------------|
| Analyses | Result | Units | Qualifier | RL. | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | · | |
| Alkalinity, Total as CaCO3 | 69 | mg/L | | 1 | | A2320 B | 06/09/09 17:03 / lil |
| Carbonate as CO3 | 2 | mg/L | | 1 | | A2320 B | 06/09/09 17:03 / ljl |
| Bicarbonate as HCO3 | 80 | mg/L | | 1 | | A2320 B | 06/09/09 17:03 / Iji |
| Calcium | 51 | mg/L | | 1 | | E200.7 | 06/15/09 17:27 / aae |
| Chloride | 11 | mg/L | | 1 | | E300.0 | 06/11/09 11:26 / Iji |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 16:56 / Iji |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/12/09 17:03 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/05/09 12:41 / eti-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/05/09 12:44 / eli-b |
| Potassium | 8 | mg/L | | 1 | | E200.7 | 06/12/09 17:03 / aae |
| Silica | 16.3 | - | | 0.2 | | E200.7 | 06/18/09 19:31 / cp |
| Sodium | 38 | mg/L | | | | | • |
| | | mg/L | | 1 | | E200.7 | 06/12/09 17:03 / aae |
| Sulfate | 117 | mg/L | | 1 | | E300.0 | 06/11/09 11 :26 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 442 | umhos/cm | | 1 | | A2510 B | 06/03/09 14:58 / dd |
| pH | 9.15 | s.u. | | 0.01 | | A4500-H B | 06/03/09 14:58 / dd |
| Solids, Total Dissolved TDS @ 180 C | 271 | mg/L | | 10 | | A2540 C | 06/04/09 12:53 / rp |
| METAL C. DICCOLVED | | | | | | | |
| METALS - DISSOLVED | ND | #1 | | 0.4 | | E200.0 | 06/06/00 00:04 / 4- |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 00:21 / ts |
| Arsenic | 0.009 | mg/L | | 0.001 | | E200.8 | 06/06/09 00:21 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 00:21 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 19:31 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 00:21 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 00:21 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 00:21 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/18/09 19:31 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 00:21 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 00:21 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 00:21 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 00:21 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 00:21 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 00:21 / ts |
| Uranium | 0.0076 | mg/L | | 0.0003 | | E200.8 | 06/06/09 00:21 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 00:21 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 00:21 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 06/17/09 10:05 / cp |
| Manganese | ND | mg/L | D | 0.01 | | E200.7 | 06/17/09 10:05 / cp |
| Mangallood | NO | mgrL | | 0.01 | | LEVV. I | озитио толо и ор |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-017

Client Sample ID MU-112

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Dogulé | 11-14- | 0 | ъ. | MCL/ QCL | | Amelyaia Data (D.) |
|------------------------------------|--------|--------|-----------|----|-------------|-------------|----------------------|
| Attatyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 24.8 | pÇi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Alpha precision (±) | 2.4 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta | 17.8 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Radium 226 | 1.9 | pCi/L | | | | E903.0 | 06/30/09 11:31 / jah |
| Radium 226 precision (±) | 0.24 | pCi/L | | | | E903.0 | 06/30/09 11:31 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 06/30/09 11:31 / jah |
| Radium 228 | 4.0 | pCi/L | | | | RA-05 | 06/15/09 13:20 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/15/09 13:20 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/15/09 13:20 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 3.22 | % | | | | Calculation | 06/18/09 14:23 / kbh |
| Anions | 4.13 | meq/L | | | | Calculation | 06/18/09 14:23 / kbh |
| Cations | 4.41 | meq/L | | | | Calculation | 06/18/09 14:23 / kbh |
| Solids, Total Dissolved Calculated | 267 | mg/L | | | | Calculation | 06/18/09 14:23 / kbh |
| TDS Balance (0.80 - 1.20) | 1.01 | - | | | | Calculation | 06/18/09 14:23 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-018

Client Sample ID MO-113

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|-------------|---------------------------------------|------------------------|
| MAJOR IONS | | | | | | · · · · · · · · · · · · · · · · · · · | , |
| Alkalinity, Total as CaCO3 | 105 | mg/L | | 1 | | A2320 B | 06/09/09 17:11 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 17:11 / lil |
| Bicarbonate as HCO3 | 129 | mg/L | | 1 | | A2320 B | 06/09/09 17:11 / Ijl |
| Calcium | 56 | mg/L | | 1 | | E200.7 | 06/15/09 17:33 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/11/09 12:12 / III |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 17:04 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/12/09 17:09 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/05/09 12:42 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.17 | mg/L | | 0.05 | | E353.2 | 06/05/09 12:47 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/12/09 17:09 / aae |
| Silica | 15.6 | mg/L | | 0.2 | | E200.7 | 06/18/09 19:35 / cp |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 06/12/09 17:09 / aae |
| Sulfate | 106 | mg/L | | 1 | | E300.0 | 06/11/09 12:12 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 436 | umhos/cm | | 1 | | A2510 B | 06/03/09 15:00 / dd |
| На | 7.85 | s.u. | | 0.01 | | A4500-H B | 06/03/09 15:00 / dd |
| Solids, Total Dissolved TDS @ 180 C | 273 | mg/L | | 10 | | A2540 C | 06/04/09 12:54 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 00:27 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 00:27 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 00:27 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 19:35 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 00:27 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 00:27 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 00:27 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/18/09 19:35 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 00:27 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 00:27 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 00:27 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 00:27 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 00:27 / ts |
| Selenium | 0.042 | mg/L | | 0.001 | | E200.8 | 06/06/09 00:27 / ts |
| Uranium | 0.641 | mg/L | | 0.0003 | | E200.8 | 06/06/09 00:27 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 00:27 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 00:27 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 06/17/09 10:13 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/17/09 10:13 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-018

Client Sample ID MO-113

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|-----------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifier | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 587 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Alpha precision (±) | 10.7 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Alpha MDC | 1.7 | pCì/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta | 202 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta precision (±) | 3.8 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Radium 226 | 38 | pCi/L | | | | E903.0 | 06/30/09 11:31 / jah |
| Radium 226 precision (±) | 0.96 | pCi/L | | | | E903.0 | 06/30/09 11:31 / jah |
| Radium 226 MDC | 0.14 | pCi/L | | | | E903.0 | 06/30/09 11:31 / jah |
| Radium 228 | 2.9 | pCi/L | | | | RA-05 | 06/15/09 13:20 / plj |
| Radium 228 precision (±) | 8.0 | pCi/L | | | | RA-05 | 06/15/09 13:20 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/15/09 13:20 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.38 | % | | | | Calculation | 06/18/09 14:24 / kbh |
| Anions | 4.52 | meq/L | | | | Calculation | 06/18/09 14:24 / kbh |
| Cations | 4.39 | meq/L | | | | Calculation | 06/18/09 14:24 / kbh |
| Solids, Total Dissolved Calculated | 268 | mg/L | | | | Calculation | 06/18/09 14:24 / kbh |
| TD\$ Balance (0.80 - 1.20) | 1.02 | - | | | | Calculation | 06/18/09 14:24 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit. MDC - Minimum detectable concentration

MCL - Maximum contaminant level. ND - Not detected at the reporting limit.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-019

Client Sample ID MU-113

Report Date: 07/07/09

Collection Date: 06/02/09 DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 77 | mg/L | | 1 | | A2320 B | 06/09/09 17:34 / ljl |
| Carbonate as CO3 | 4 | mg/L | | 1 | | A2320 B | 06/09/09 17:34 / Ijl |
| Bicarbonate as HCO3 | 85 | mg/L | | 1 | | A2320 B | 06/09/09 17:34 / ljl |
| Calcium | 55 | mg/L | | 1 | | E200.7 | 06/15/09 17:49 / aae |
| Chloride | 8 | mg/L | | 1 | | E300.0 | 06/11/09 12:28 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 17:07 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/12/09 17:14 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/05/09 12:44 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/05/09 12:51 / eli-b |
| Potassium | 9 | mg/L | | 1 | | E200.7 | 06/12/09 17:14 / aae |
| Silica | 16.2 | mg/L | | 0.2 | | E200.7 | 06/18/09 19:39 / cp |
| Sodium | 36 | mg/L | | 1 | | E200.7 | 06/12/09 17:14 / aae |
| Sulfate | 121 | mg/L | | 1 | | E300.0 | 06/11/09 12:28 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 449 | umhos/cm | | 1 | | A2510 B | 06/03/09 15:02 / dd |
| Н | 9.12 | s.u. | | 0.01 | | A4500-H B | 06/03/09 15:02 / dd |
| Solids, Total Dissolved TDS @ 180 C | 290 | mg/L | | 10 | | A2540 C | 06/04/09 12:54 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 00:34 / ts |
| Arsenic | 0.016 | mg/L | | 0.001 | | E200.8 | 06/06/09 00:34 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 00:34 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 19:39 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 00:34 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 00:34 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 00:34 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/18/09 19:39 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 00:34 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 00:34 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 00:34 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 00:34 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 00:34 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 00:34 / ts |
| Uranium | 0.0247 | mg/L | | 0.0003 | | E200.8 | 06/06/09 00:34 / ts |
| Vanadium | ND | mg/L | | 0.000 | | E200.8 | 06/06/09 00:34 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 00:34 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 06/17/09 10:17 / cp |
| Manganese | ND | mg/L | _ | 0.01 | | E200.7 | 06/17/09 10:17 / cp |
| manganoso | ND | 9, L | | 0.01 | | 2200,7 | 23/1//03 10.11/ op |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-019

Client Sample ID MU-113

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 37.9 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Alpha precision (±) | 2.9 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta | 21.4 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Radium 226 | 2.6 | pCi/L | | | | E903.0 | 06/30/09 11:31 / jah |
| Radium 226 precision (±) | 0.30 | pCi/L | | | | E903.0 | 06/30/09 11:31 / jah |
| Radium 226 MDC | 0.17 | pCi/L | | | | E903.0 | 06/30/09 11:31 / jah |
| Radium 228 | 5.0 | pCi/L | | | | RA-05 | 06/15/09 13:20 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 06/15/09 13:20 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 06/15/09 13:20 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 3.17 | % | | | | Calculation | 06/18/09 14:25 / kbh |
| Anions | 4.31 | meq/L | | | | Calculation | 06/18/09 14:25 / kbh |
| Cations | 4.59 | meq/L | | | | Calculation | 06/18/09 14:25 / kbh |
| Solids, Total Dissolved Calculated | 276 | mg/L | | | | Calculation | 06/18/09 14:25 / kbh |
| TDS Balance (0.80 - 1.20) | 1.05 | - | | | | Calculation | 06/18/09 14:25 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-020

Client Sample ID M-132

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|-----------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 2 | mg/L | В | 1 | | A2320 B | 06/09/09 17:39 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 17:39 / iji |
| Bicarbonate as HCO3 | 2 | mg/L | В | 1 | | A2320 B | 06/09/09 17:39 / ljl |
| Calcium | ND | mg/L | | 1 | | E200.7 | 06/15/09 17:54 / aae |
| Chloride | ND | mg/L | | 1 | | E300.0 | 06/11/09 12:43 / ljl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 06/08/09 17:14 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/12/09 17:20 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/05/09 12:45 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/05/09 12:52 / eli-b |
| Potassium | ND | mg/L | | 1 | | E200.7 | 06/12/09 17:20 / aae |
| Silica | ND | mg/L | | 0.2 | | E200.7 | 06/18/09 19:43 / cp |
| Sodium | ND | mg/L | | 1 | | E200.7 | 06/12/09 17:20 / aae |
| Sulfate | ND | mg/L | | 1 | | E300.0 | 06/11/09 12:43 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 1 | umhos/cm | | 1 | | A2510 B | 06/03/09 15:05 / dd |
| Hq | 6.16 | s.u. | | 0.01 | | A4500-H B | 06/03/09 15:05 / dd |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | | 10 | | A2540 C | 06/04/09 12:54 / rp |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 01:08 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 01:08 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 01:08 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/18/09 19:43 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/06/09 01:08 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 01:08 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 01:08 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/18/09 19:43 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 01:08 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 01:08 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 01:08 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 01:08 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/06/09 01:08 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/06/09 01:08 / ts |
| Uranium | ND | mg/L | | 0.0003 | | E200.8 | 06/06/09 01:08 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/06/09 01:08 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/06/09 01:08 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | D | 0.07 | | E200.7 | 06/17/09 10:21 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/17/09 10:21 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060141-020

Client Sample ID M-132

Report Date: 07/07/09

Collection Date: 06/02/09

DateReceived: 06/03/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|---|--------------|-------|-----------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | , | |
| Gross Alpha | 0.1 | pCi/L | U | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Alpha MDC | 1.0 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta | -1 | pCi/L | U | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta precision (±) | 1.5 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 06/25/09 11:17 / cgr |
| Radium 226 | -0.08 | pCi/L | U | | | E903.0 | 06/30/09 11:31 / jah |
| Radium 226 precision (±) | 0.08 | pCi/L | | | | E903.0 | 06/30/09 11:31 / jah |
| Radium 226 MDC | 0.15 | pCi/L | | | | E903.0 | 06/30/09 11:31 / jah |
| Radium 228 | 0.3 | pCi/L | U | | | RA-05 | 06/15/09 13:20 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/15/09 13:20 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 06/15/09 13:20 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -92.9 | % | | | | Calculation | 06/18/09 14:27 / kbh |
| Anions | 0.0401 | meg/L | | | | Calculation | 06/18/09 14:27 / kbh |
| Cations | 0.00148 | meg/L | | | | Calculation | 06/18/09 14:27 / kbh |
| - The ion balance is not appropriate for pear h | lank regulte | • | | | | | |

⁻ The ion balance is not appropriate for near blank results.

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit. MDC - Minimum detectable concentration MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/07/09

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-------------|----------------|----------------------|-------|------|-----------|---------------|----------|-------------|------------|
| Method: A2320 B | | | | | | | | | Batch | : R11933 |
| Sample ID: MBLK | <u>3</u> M€ | thod Blank | | | | Run: MANT | ECH_090609A | | 06/09 | /09 14:16 |
| Alkalinity, Total as CaCO3 | | 3 | mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | | ND | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | | 3 | mg/L | 1 | | | | | | |
| Sample ID: LCS1 | La | boratory Co | ntrol Sample | | | Run: MANT | ECH_090609A | | 06/09 | /09 14:31 |
| Alkalinity, Total as CaCO3 | | 205 | mg/L | 5.0 | 101 | 90 | 110 | | | |
| Sample ID: LCS | La | boratory Co | ntrol Sample | | | Run: MANT | ECH_090609A | | 06/09 | /09 14:38 |
| Alkalinity, Total as CaCO3 | | 53.5 | mg/L | 5.0 | 102 | 90 | 110 | | | |
| Sample ID: C09060141-008AMS | Sa | mple Matrix | Spike | | | Run: MANT | ECH_090609A | | 06/09 | /09 15:43 |
| Alkalinity, Total as CaCO3 | | 244 | mg/L | 5.0 | 105 | 80 | 120 | | | |
| Sample ID: C09060141-008AMSE |) Sa | mple Matrix | Spike Duplicate | | | Run: MANT | ECH_090609A | | 06/09 | /09 15:50 |
| Alkalinity, Total as CaCO3 | | 241 | mg/L | 5.0 | 102 | 80 | 120 | 1.6 | 20 | |
| Sample ID: C09060141-018AMS | Sa | mple Matrix | Spike | | | Run: MANT | ECH_090609A | | 06/09 | /09 17:19 |
| Alkalinity, Total as CaCO3 | | 231 | mg/L | 5.0 | 100 | 80 | 120 | | | |
| Sample ID: C09060141-018AMSE |) Sa | mple Matrix | Spike Duplicate | • | | Run: MANT | ECH_090609A | | 06/09 | /09 17:26 |
| Alkalinity, Total as CaCO3 | | 232 | mg/L | 5.0 | 101 | 80 | 120 | 0.3 | 20 | |
| Method: A2510 B | | | | | | | Analytica | I Run: 0 | ORION555A | _0906030 |
| Sample ID: ICV2_090603_3 | Ini | tial Calibrati | on Verification Star | ndard | | | | | 06/03 | /09 14:18 |
| Conductivity | | 1390 | umhos/cm | 1.0 | 99 | 90 | 110 | | | |
| Method: A2510 B | | | | | | | Bat | ch: 090 | 0603_3_PH-\ | W_555A- |
| Sample ID: MBLK1_090603_3 | Me | thod Blank | | | | Run: ORIO | N555A_090603C | | 06/03 | 3/09 14:14 |
| Conductivity | | 8.0 | umhos/cm | 0.2 | | | | | | |
| Sample ID: C09060141-010ADUF |) Sa | mple Duplic | cate | | | Run: ORIO | N555A_090603C | | 06/03 | /09 14:44 |
| Conductivity | | 486 | umhos/cm | 1.0 | | | | 0 | 10 | |
| Sample ID: C09060141-020ADUF |) Sa | mple Duplic | cate | | | Run: ORIO | N555A_090603C | | 06/03 | 3/09 15:08 |
| Conductivity | | 1.10 | umhos/cm | 1.0 | | | | 0 | 10 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/07/09

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|----------------------------------|-------|-------------|-----------------|-------|------|------------|------------|------------|------------|-----------|
| Method: A2540 C | | | | · · - | | | | Batch: 090 | 0603_2_SLD | S-TDS-W |
| Sample ID: LCS3_ | Lat | oratory Cor | ntrol Sample | | | Run: BAL-1 | _090603D | | 06/03 | /09 11:53 |
| Solids, Total Dissolved TDS @ 18 | 30 C | 996 | mg/L | 10 | 99 | 90 | 110 | | | |
| Sample ID: MBLK3_ | Me | thod Blank | | | | Run: BAL-1 | _090603D | • | 06/03 | /09 11:53 |
| Solids, Total Dissolved TDS @ 18 | 80 C | 10 | mg/L | 6 | | | | | | |
| Sample ID: C09060141-005AMS | Sa | mple Matrix | Spike | | | Run: BAL-1 | _090603D | | 06/03 | /09 00:00 |
| Solids, Total Dissolved TDS @ 18 | 30 C | 2450 | mg/L | 10 | 105 | 90 | 110 | | | |
| Sample ID: C09060141-005AMS | D Sai | mple Matrix | Spike Duplicate | | | Run: BAL-1 | _090603D | | 06/03 | /09 00:00 |
| Solids, Total Dissolved TDS @ 18 | 30 C | 2410 | mg/L | 10 | 102 | 90 | 110 | 1.7 | 10 | |
| Method: A2540 C | | | | | | | | Batch: 090 | 0604_1_SLD | S-TDS-W |
| Sample ID: MBLK1_090604 | Me | thod Blank | | | | Run: BAL-1 | _090604B | | 06/04 | /09 12:48 |
| Solids, Total Dissolved TDS @ 18 | 80 C | ND | mg/L | 6 | | | | | | |
| Sample ID: LCS1_090604 | Lat | oratory Cor | ntrol Sample | | | Run: BAL-1 | _090604B | | 06/04 | /09 12:48 |
| Solids, Total Dissolved TDS @ 18 | 80 C | 996 | mg/L | 10 | 100 | 90 | 110 | | | |
| Sample ID: C09060141-015AMS | Sai | mple Matrix | Spike | | | Run: BAL-1 | _090604B | | 06/04 | /09 12:52 |
| Solids, Total Dissolved TDS @ 18 | 80 C | 2270 | mg/L | 10 | 103 | 90 | 110 | | | |
| Sample ID: C09060141-015AMS | D Sai | mple Matrix | Spike Duplicate | | | Run: BAL-1 | _090604B | | 06/04 | /09 12:53 |
| Solids, Total Dissolved TDS @ 18 | 30 C | 2260 | mg/L | 10 | 102 | 90 | 110 | 0.4 | 10 | |
| Sample ID: C09060156-001AMS | Sai | mple Matrix | Spike | | | Run: BAL-1 | _090604B | | 06/04 | /09 12:56 |
| Solids, Total Dissolved TDS @ 18 | 30 C | 28100 | mg/L | 10 | 102 | 90 | 110 | | | |
| Sample ID: C09060156-001AMS | D Sai | mple Matrix | Spike Duplicate | | | Run: BAL-1 | _090604B | | 06/04 | /09 12:57 |
| Solids, Total Dissolved TDS @ 18 | 30 C | 28200 | mg/L | 10 | 103 | 90 | 110 | 0.4 | 10 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/07/09

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|-------------------|-------------|------------------|-----------------|-------------|------|-----------|---------------|----------|-------------|-----------|
| Method: | A4500-F C | | | | | • | | | | Batch: | R119289 |
| Sample ID: | MBLK-1 | Me | thod Blank | | | | Run: MANT | ECH_090608A | | 06/08 | /09 15:01 |
| Fluoride | | | ND | mg/L | 0.05 | | | | | | |
| Sample ID: | LCS-1 | La | boratory Co | ntrol Sample | | | Run: MANT | ECH_090608A | | 06/08 | /09 15:04 |
| Fluoride | | | 1.02 | mg/L | 0.10 | 102 | 90 | 110 | | | |
| Sample ID: | C09060109-001AMS | Sa | mple Matrix | Spike | | | Run: MANT | ECH_090608A | | 06/08 | /09 15:23 |
| Fluoride | | | 1.72 | mg/L | 0.10 | 100 | 80 | 120 | | | |
| Sample ID: | C09060109-001AMSE |) Sa | mple Matrix | Spike Duplica | ite | | Run: MANT | ECH_090608A | | 06/08 | /09 15:26 |
| Fluoride | | | 1.72 | mg/L | 0.10 | 100 | 80 | 120 | 0 | 10 | |
| Sample ID: | C09060141-007AMS | Sa | mple Matrix | Spike | | | Run: MANT | ECH_090608A | | 06/08 | /09 16:10 |
| Fluoride | | | 1.16 | mg/L | 0.10 | 102 | 80 | 120 | | | |
| Sample ID: | C09060141-007AMSE |) Sa | mple Matrix | Spike Duplica | ite | | Run: MANT | ECH_090608A | | 06/08 | /09 16:13 |
| Fluoride | | | 1.18 | mg/L | 0.10 | 104 | 80 | 120 | 1.7 | 10 | |
| Sample ID: | C09060141-017AMS | Sa | mple Matrix | Spike | | | Run: MANT | ECH_090608A | | 06/08 | /09 16:59 |
| Fluoride | | | 1.18 | mg/L | 0.10 | 103 | 80 | 120 | | | |
| Sample ID: | C09060141-017AMSE |) Sa | mple Matrix | Spike Duplica | ite | | Run: MANT | ECH_090608A | | 06/08 | /09 17:01 |
| Fluoride | | | 1.18 | mg/L | 0.10 | 103 | 80 | 120 | 0 | 10 | |
| Method: | A4500-H B | | | | | | | Analytica | l Run: (| ORION555A | _0906030 |
| Sample ID: | ICV1_090603_3 | lni | tial Calibration | on Verification | Standard | | | | | 06/03 | /09 14:16 |
| pН | | | 6.88 | s.u. | 0.010 | 100 | 98 | 102 | | | |
| Method: | A4500-H B | | | | | | | Ва | tch: 090 | 0603_3_PH-\ | N_555A-2 |
| Sample ID: | C09060141-010ADUF | . Sa | mple Duplic | ate | | | Run: ORIO | N555A_090603C | | 06/03 | /09 14:44 |
| pН | | | 8.15 | s,u. | 0.010 | | | | 0.1 | 10 | |
| Sample ID: | C09060141-020ADUF | S a | mple Duplic | ate | | | Run: ORIO | N555A_090603C | | 06/03 | /09 15:08 |
| рH | | | 5.90 | s.u. | 0.010 | | | | 4.3 | 10 | |



Client: UR Energy USA Inc

Report Date: 07/07/09

Project: Lost Creek

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------|-------------------|-------------|---------------|-----------------|------|-----------|------------|------------|-----|----------|-----------|
| Method: | E300.0 | | | | | | | | | Batch: | R11944 |
| Sample ID: L | _CS | <u>2</u> La | aboratory Cor | ntrol Sample | | | Run: IC1-C | _090610A | | 06/10/ | /09 22:35 |
| Chloride | | | 9.63 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sulfate | | | 38.6 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sample ID: N | MBLK | <u>2</u> M | lethod Blank | | | | Run: IC1-C | _090610A | | 06/10/ | /09 22:51 |
| Chloride | | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: 0 | C09060109-001AMS | <u>2</u> S | ample Matrix | Spike | | | Run: IC1-C | _090610A | | 06/11/ | /09 04:14 |
| Chloride | | | 242 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sulfate | | | 531 | mg/L | 1.0 | 106 | 90 | 110 | | | |
| Sample ID: 0 | C09060109-001AMSE | 2 S | ample Matrix | Spike Duplicate | | | Run: IC1-C | _090610A | | 06/11/ | /09 04:30 |
| Chloride | | | 236 | mg/L | 1.0 | <u>84</u> | 90 | 110 | 2.4 | 20 | S |
| Sulfate | | | 520 | mg/L | 1.0 | 100 | 90 | 110 | 2.2 | 20 | |
| Sample ID: 0 | C09060141-007AMS | <u>2</u> S | ample Matrix | Spike | | | Run: IC1-C | _090610A | | 06/11/ | /09 08:06 |
| Chloride | | | 25.3 | mg/L | 1.0 | 101 | 90 | 110 | | | |
| Sulfate | | | 220 | mg/L | 1.0 | 102 | 90 | 110 | | | |
| Sample ID: 0 | C09060141-007AMSE | 2 S | ample Matrix | Spike Duplicate | | | Run: IC1-C | _090610A | | 06/11/ | /09 08:21 |
| Chloride | | | 25.7 | mg/L | 1.0 | 103 | 90 | 110 | 1.5 | 20 | |
| Sulfate | | | 221 | mg/L | 1.0 | 103 | 90 | 110 | 0.3 | 20 | |
| Sample ID: 0 | C09060141-017AMS | <u>2</u> S | ample Matrix | Spike | | | Run: IC1-C | _090610A | | 06/11/ | /09 11:41 |
| Chloride | | | 31.4 | mg/L | 1.0 | 105 | 90 | 110 | | | |
| Sulfate | | | 198 | mg/L | 1.0 | 103 | 90 | 110 | | | |
| Sample ID: 0 | C09060141-017AMSE | 2 S | ample Matrix | Spike Duplicate | | | Run: IC1-C | _090610A | | 06/11/ | /09 11:57 |
| Chloride | | | 31.4 | mg/L | 1.0 | 105 | 90 | 110 | 0.1 | 20 | |
| Sulfate | | | 198 | mg/L | 1.0 | 102 | 90 | 110 | 0.4 | 20 | |



Client: UR Energy USA Inc

Report Date: 07/07/09

Project: Lost Creek

Work Order: C09060141

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|-------|-----------------|-------------------|----------|-----------|------------|------------|----------|-------------|-----------|
| Method: E350.1 | . • | | | | | | | Analytic | al Run: SUB | -B130693 |
| Sample ID: ICV | Initi | ial Calibration | on Verification S | Standard | | | | | 06/05/ | 09 11:58 |
| Nitrogen, Ammonia as N | | 5.55 | mg/L | 0.11 | 101 | 90 | 110 | | | |
| Method: E350.1 | | | • | | | | | | Batch: B_ | R130693 |
| Sample ID: MBLK | Met | thod Blank | | | | Run: SUB-E | 3130693 | | 06/05/ | 09 12:00 |
| Nitrogen, Ammonia as N | | ND | mg/L | 0.02 | | | | , | | |
| Sample ID: LFB | Lab | oratory For | tified Blank | | | Run: SUB-E | 3130693 | | 06/05/ | 09 12:01 |
| Nitrogen, Ammonia as N | | 1.00 | mg/L | 0.10 | 101 | 90 | 110 | | | |
| Sample ID: B09060539-001DMS | Sar | mple Matrix | Spike | | | Run: SUB-E | 3130693 | | 06/05/ | 09 12:08 |
| Nitrogen, Ammonia as N | | 1.22 | mg/L | 0.050 | 90 | 90 | 110 | | | |
| Sample ID: B09060539-001DMS | D Sar | mple Matrix | Spike Duplicat | e | | Run: SUB-E | 3130693 | | 06/05/ | 09 12:09 |
| Nitrogen, Ammonia as N | | 1.21 | mg/L | 0.050 | <u>89</u> | 90 | 110 | 0.7 | 10 | S |
| Sample ID: C09060141-005E | Sar | nple Matrix | Spike | | | Run: SUB-E | 3130693 | | 06/05/ | 09 12:21 |
| Nitrogen, Ammonia as N | | 0.837 | mg/L | 0.050 | <u>84</u> | 90 | 110 | | | S |
| Sample ID: C09060141-005E | Sar | mple Matrix | Spike Duplicat | e | | Run: SUB-E | 3130693 | | 06/05/ | 09 12:22 |
| Nitrogen, Ammonia as N | | 0.831 | mg/L | 0.050 | <u>83</u> | 90 | 110 | 0.7 | 10 | S |
| Sample ID: C09060141-013E | Sar | nple Matrix | Spike | | | Run: SUB-E | 3130693 | | 06/05/ | 09 12:35 |
| Nitrogen, Ammonia as N | | 0.821 | mg/L | 0.050 | <u>82</u> | 90 | 110 | | | S |
| Sample ID: C09060141-013E | Sar | nple Matrix | Spike Duplicat | е | | Run: SUB-E | 3130693 | | 06/05/ | 09 12:36 |
| Nitrogen, Ammonia as N | | 0.821 | mg/L | 0.050 | <u>82</u> | 90 | 110 | 0 | 10 | S |
| Sample ID: B09060158-003CMS | Sar | mple Matrix | Spike | | | Run: SUB-E | 3130693 | | 06/05/ | 09 12:49 |
| Nitrogen, Ammonia as N | | 1.02 | mg/L | 0.10 | 97 | 90 | 110 | | | |
| Sample ID: B09060158-003CMS | D Sar | mple Matrix | Spike Duplicat | e | | Run: SUB-E | 3130693 | | 06/05/ | /09 12:51 |
| Nitrogen, Ammonia as N | | 1.02 | mg/L | 0.10 | 97 | 90 | 110 | 0.2 | 10 | |



UR Energy USA Inc

Report Date: 07/07/09

Project: Lost Creek

Work Order: C09060141

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------------------------|-------|----------------|-----------------|----------|------|------------|------------|----------|-------------|-----------|
| Method: E353.2 | • | | • | | | | | Analytic | al Run: SUB | 3-B130654 |
| Sample ID: ICV | Init | ial Calibratio | on Verification | Standard | | | | | 06/05 | /09 10:46 |
| Nitrogen, Nitrate+Nitrite as N | | 36.2 | mg/L | 0.050 | 102 | 90 | 110 | | | |
| Method: E353.2 | | | | | | | | | Batch: B | _R130654 |
| Sample ID: MBLK | Me | thod Blank | | | | Run: SUB-E | 3130654 | | 06/05 | /09 10:47 |
| Nitrogen, Nitrate+Nitrite as N | | 0.002 | mg/L | 0.002 | | | | | | |
| Sample ID: LFB | Lat | ooratory For | tified Blank | | | Run: SUB-E | 3130654 | | 06/05 | /09 10:48 |
| Nitrogen, Nitrate+Nitrite as N | | 0.977 | mg/L | 0.050 | 99 | 90 | 110 | | | |
| Sample ID: B09060539-001DMS | Sai | mple Matrix | Spike | | | Run: SUB-E | 3130654 | | 06/05 | /09 12:15 |
| Nitrogen, Nitrate+Nitrite as N | | 0.980 | mg/L | 0.050 | 99 | 90 | 110 | | | |
| Sample ID: B09060539-001DMS | D Sai | mple Matrix | Spike Duplica | ite | | Run: SUB-E | 3130654 | | 06/05 | /09 12:17 |
| Nitrogen, Nitrate+Nitrite as N | | 1.06 | mg/L | 0.050 | 108 | 90 | 110 | 8.1 | 10 | |
| Sample ID: B09060486-004CMS | Sai | mple Matrix | Spike | | | Run: SUB- | 3130654 | | 06/05 | /09 11:27 |
| Nitrogen, Nitrate+Nitrite as N | | 1.05 | mg/L | 0.050 | 100 | 90 | 110 | | | |
| Sample ID: B09060486-004CMSI | D Sai | mple Matrix | Spike Duplica | ite | | Run: SUB-E | 3130654 | | 06/05 | /09 11:28 |
| Nitrogen, Nitrate+Nitrite as N | | 1.05 | mg/L | 0.050 | 99 | 90 | 110 | 0.1 | 10 | |
| Sample ID: C09060141-008E | Sai | mple Matrix | Spike | | | Run: SUB-E | 3130654 | | 06/05 | /09 12:32 |
| Nitrogen, Nitrate+Nitrite as N | | 0.980 | mg/L | 0.050 | 99 | 90 | 110 | | | |
| Sample ID: C09060141-008E | Sa | mple Matrix | Spike Duplica | ite | | Run: SUB-E | 3130654 | | 06/05 | /09 12:33 |
| Nitrogen, Nitrate+Nitrite as N | | 0.987 | mg/L | 0.050 | 100 | 90 | 110 | 0.7 | 10 | |
| Sample ID: C09060141-018E | Sai | mple Matrix | Spike | | | Run: SUB-E | 3130654 | | 06/05 | /09 12:49 |
| Nitrogen, Nitrate+Nitrite as N | | 1.20 | mg/L | 0.050 | 105 | 90 | 110 | | | |
| Sample ID: C09060141-018E | Sai | mple Matrix | Spike Duplica | ite | | Run: SUB-E | 3130654 | | 06/05 | /09 12:50 |
| Nitrogen, Nitrate+Nitrite as N | | 1.16 | mg/L | 0.050 | 101 | 90 | 110 | 3.1 | 10 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/29/09
Work Order: C09060141

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|----------------|-------------|-----------------|------|------|-------------|------------|-----|----------|-----------|
| Method: E200.7 | | | · ·· | | | | | | Batch: | R119527 |
| Sample ID: LRB | <u>4</u> Me | thod Blank | | | | Run: ICP3-0 | C_090612A | | 06/12/ | 09 12:54 |
| Calcium | | 0.3 | mg/L | 0.2 | | | | | | |
| Magnesium | | 0.3 | mg/L | 0.2 | | | | | | |
| Potassium | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: LFB | <u>4</u> Lai | oratory For | tified Blank | | | Run: ICP3- | C_090612A | | 06/12/ | 09 12:59 |
| Calcium | | 49.7 | mg/L | 0.50 | 99 | 85 | 115 | | | |
| Magnesium | | 50.1 | mg/L | 0.50 | 100 | 85 | 115 | | | |
| Potassium | | 48.6 | mg/L | 0.50 | 97 | 85 | 115 | | | |
| Sodium | | 49.7 | mg/L | 0.50 | 99 | 85 | 115 | | | |
| Sample ID: MB-22453 | <u>4</u> Me | thod Blank | | | | Run: ICP3- | C_090612A | | 06/12/ | 09 13:17 |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Magnesium | | ND | mg/L | 0.2 | | | | | | |
| Potassium | | 0.09 | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: C09060141-004BMS | 6 <u>4</u> Sa | mple Matrix | Spike | | | Run: ICP3- | C_090612A | | 06/12/ | /09 14:56 |
| Calcium | | 111 | mg/L | 1.0 | 107 | 70 | 130 | | | |
| Magnesium | | 56.4 | mg/L | 1.0 | 107 | 70 | 130 | | | |
| Potassium | | 57.9 | mg/L | 1.0 | 107 | 70 | 130 | | | |
| Sodium | | 83.7 | mg/L | 1.0 | 106 | 70 | 130 | | | |
| Sample ID: C09060141-004BMS | SD <u>4</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP3- | C_090612A | | 06/12 | /09 15:01 |
| Calcium | | 108 | mg/L | 1.0 | 101 | 70 | 130 | 2.8 | 20 | |
| Magnesium | | 50.9 | mg/L | 1.0 | 96 | 70 | 130 | 10 | 20 | |
| Potassium | | 53.0 | mg/L | 1.0 | 97 | 70 | 130 | 8.7 | 20 | |
| Sodium | | 79.8 | mg/L | 1.0 | 99 | 70 | 130 | 4.8 | 20 | |
| Sample ID: C09060141-014BMS | 3 <u>4</u> Şa | mple Matrix | Spike | | | Run: ICP3- | C_090612A | | 06/12 | /09 16:24 |
| Calcium | _ | 105 | mg/L | 1.0 | 104 | 70 | 130 | | | |
| Magnesium | | 54.4 | mg/L | 1.0 | 104 | 70 | 130 | | | |
| Potassium | | 63.2 | mg/L | 1.0 | 103 | 70 | 130 | | | |
| Sodium | | 89.0 | mg/L | 1.0 | 102 | 70 | 130 | | | |
| Sample ID: C09060141-014BMS | SD 4 Sa | mple Matrix | Spike Duplicate | | | Run: ICP3- | C_090612A | | 06/12 | /09 16:29 |
| Calcium | | 113 | mg/L | 1.0 | 120 | | 130 | 7.4 | 20 | |
| Magnesium | | 60.8 | mg/L | 1.0 | 117 | 70 | 130 | 11 | 20 | |
| Potassium | | 69.6 | mg/L | 1.0 | 115 | | 130 | 9.6 | 20 | |
| Sodium | | 96.0 | mg/L | 1.0 | 116 | | 130 | 7.6 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/29/09

Work Order: C09060141

| | | | | | | • | | | | |
|-----------------------------|---------------|-------------|-----------------|------|------|------------|------------|-----|----------|-----------|
| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
| Method: E200.7 | | - | | | | - | | | Batch: | R119592 |
| Sample ID: LRB | <u>3</u> Me | thod Blank | | | | Run: ICP3- | C_090615A | | 06/15 | /09 15:35 |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Magnesium | | 0.2 | mg/L | 0.2 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: LFB | <u>3</u> Lat | oratory For | tified Blank | | | Run: ICP3- | C_090615A | | 06/15 | /09 15:41 |
| Calcium | | 50.1 | mg/L | 0.50 | 100 | 85 | 115 | • | | |
| Magnesium | | 50.8 | mg/L | 0.50 | 101 | 85 | 115 | | | |
| Sodium | | 50.3 | mg/L | 0.50 | 101 | 85 | 115 | | | |
| Sample ID: C09060141-008BMS | <u>3</u> Sa | mple Matrix | Spike | | | Run: ICP3- | C_090615A | | 06/15 | /09 16:15 |
| Calcium | | 115 | mg/L | 1.0 | 81 | 70 | 130 | | | |
| Magnesium | | 49.2 | mg/L | 1.0 | 89 | 70 | 130 | | | |
| Sodium | | 74.8 | mg/L | 1.0 | 87 | 70 | 130 | | | |
| Sample ID: C09060141-008BMS | D <u>3</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP3- | C_090615A | | 06/15 | /09 16:21 |
| Calcium | | 114 | mg/L | 1.0 | 78 | 70 | 130 | 1.1 | 20 | |
| Magnesium | | 48.4 | mg/L | 1.0 | 87 | 70 | 130 | 1.8 | 20 | |
| Sodium | | 74.4 | mg/L | 1.0 | 86 | 70 | 130 | 0.6 | 20 | |
| Sample ID: C09060141-018BMS | <u>3</u> Sa | mple Matrix | Spike | | | Run: ICP3- | C_090615A | | 06/15 | /09 17:38 |
| Calcium | | 119 | mg/L | 1.0 | 124 | 70 | 130 | | | |
| Magnesium | | 63.9 | mg/L | 1.0 | 120 | 70 | 130 | | | |
| Sodium | | 92.8 | mg/L | 1.0 | 121 | 70 | 130 | | | |
| Sample ID: C09060141-018BMS | D <u>3</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP3- | C_090615A | | 06/15 | /09 17:44 |
| Calcium | | 112 | mg/L | 1.0 | 111 | 70 | 130 | 5.4 | 20 | |
| Magnesium | | 62.1 | mg/L | 1.0 | 116 | 70 | 130 | 2.9 | 20 | |
| Sodium | | 89.4 | mg/L | 1.0 | 114 | 70 | 130 | 3.7 | 20 | |



Client: UR Energy USA Inc

Report Date: 06/29/09 Work Order: C09060141 Project: Lost Creek

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|--------------|-----------------|-------|------|------------|------------|-----|----------|-----------|
| Method: E200.7 | | | | | | , | | | Batch: | R119716 |
| Sample ID: MB-090616A | <u>2</u> Me | thod Blank | | | | Run: ICP2- | C_090616A | | 06/16 | /09 12:33 |
| Iron | | ND | mg/L | 0.005 | | | | | | |
| Manganese | | ND | mg/L | 0.001 | | | | | | |
| Sample ID: LFB-090616A | <u>2</u> Lai | boratory For | tified Blank | | | Run: ICP2- | C_090616A | | 06/16 | /09 12:37 |
| Iron | | 1.01 | mg/L | 0.030 | 101 | 85 | 115 | | | |
| Manganese | | 0.973 | mg/L | 0.010 | 97 | 85 | 115 | | | |
| Sample ID: C09060141-006CMS2 | 2 <u>2</u> Sa | mple Matrix | Spike | | | Run: ICP2- | C_090616A | | 06/16 | /09 23:38 |
| Iron | | 2.00 | mg/L | 0.067 | 98 | 70 | 130 | | | |
| Manganese | | 2.08 | mg/L | 0.014 | 96 | 70 | 130 | | | |
| Sample ID: C09060141-006CMSE |) <u>2</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP2- | C_090616A | | 06/16/ | 09 23:42 |
| Iron | | 2.00 | mg/L | 0.067 | 98 | 70 | 130 | 0.1 | 20 | |
| Manganese | | 2.06 | mg/L | 0.014 | 95 | 70 | 130 | 0.8 | 20 | |
| Sample ID: C09060141-016CMS2 | 2 <u>2</u> Sa | mple Matrix | Spike | | | Run: ICP2- | C_090616A | | 06/17/ | /09 09:45 |
| Iron | | 2.00 | mg/L | 0.067 | 98 | 70 | 130 | | | |
| Manganese | | 2.03 | mg/L | 0.014 | 99 | 70 | 130 | | | |
| Sample ID: C09060141-016CMSI | 2 Sa | mple Matrix | Spike Duplicate | | | Run: ICP2- | C_090616A | | 06/17 | 09 09:49 |
| Iron | | 1.98 | mg/L | 0.067 | 97 | 70 | 130 | 0.7 | 20 | |
| Manganese | | 2.03 | mg/L | 0.014 | 99 | 70 | 130 | 0.1 | 20 | |



Client: UR Energy USA Inc

Report Date: 06/29/09

Project: Lost Creek

Work Order: C09060141

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---------------|------------------|----------------|-------------|-----------------|-------|------|-------------|------------|-----|----------|-----------|
| Method: E | 200.7 | | | | | | | | | Batch: | : R119793 |
| Sample ID: MI | B-090618A | <u>4</u> Met | thod Blank | | | | Run: ICP2- | C_090618A | | 06/18 | /09 12:40 |
| Aluminum | | | ND | mg/L | 0.03 | | | | | | |
| Boron | | | ND | mg/L | 0.03 | | | | | | |
| Iron | | | ND | mg/L | 0.005 | | | | | | |
| Silicon | | | 0.2 | mg/L | 0.01 | | | | | | |
| Sample ID: LF | FB-090618A | 4 Lab | oratory For | tified Blank | | | Run: ICP2-0 | C_090618A | | 06/18 | /09 12:44 |
| Aluminum | | | 1.02 | mg/L | 0.10 | 102 | 85 | 115 | | | |
| Boron | | | 1.06 | mg/L | 0.10 | 106 | 85 | 115 | | | |
| Iron | | | 1.000 | mg/L | 0.030 | 100 | 85 | 115 | | | |
| Silicon | | | 0.537 | mg/L | 0.015 | 95 | 85 | 115 | | | |
| Sample ID: C0 | 09060141-001BMS2 | 4 Sar | mple Matrix | Spike | | | Run: ICP2-0 | C_090618A | | 06/18 | /09 17:05 |
| Aluminum | | | 1.97 | mg/L | 0.10 | 96 | 70 | 130 | | | |
| Boron | | | 2.13 | mg/L | 0.10 | 104 | 70 | 130 | | | |
| Iron | | | 2.05 | mg/L | 0.030 | 101 | 70 | 130 | | | |
| Silicon | | | 8.89 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sample ID: C0 | 09060141-001BMSE | 9 <u>4</u> Sar | nple Matrix | Spike Duplicate | 9 | | Run: ICP2-0 | C_090618A | | 06/18/ | /09 17:09 |
| Aluminum | | | 2.11 | mg/L | 0.10 | 104 | 70 | 130 | 7.2 | 20 | |
| Boron | | | 2.18 | mg/L | 0.10 | 107 | 70 | 130 | 2.6 | 20 | |
| Iron | | | 2.04 | mg/L | 0.030 | 100 | 70 | 130 | 0.6 | 20 | |
| Silicon | | | 8.95 | mg/L | 0.10 | | 70 | 130 | 0.7 | 20 | Α |
| Sample ID: C0 | 09060141-011BMS2 | 4 Sar | nple Matrix | Spike | | | Run: ICP2-0 | C_090618A | | 06/18/ | /09 18:46 |
| Aluminum | | | 2.05 | mg/L | 0.10 | 100 | 70 | 130 | | | |
| Boron | | | 2.29 | mg/L | 0.10 | 112 | 70 | 130 | | | |
| Iron | | | 2.07 | mg/L | 0.030 | 102 | 70 | 130 | | | |
| Silicon | | | 7.75 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sample ID: C0 | 09060141-011BMSE |) <u>4</u> Sar | nple Matrix | Spike Duplicate | • | | Run: ICP2-0 | C_090618A | | 06/18/ | /09 18:50 |
| Aluminum | | | 2.04 | mg/L | 0.10 | 100 | 70 | 130 | 0.6 | 20 | |
| Boron | | | 2.21 | mg/L | 0.10 | 108 | 70 | 130 | 3.8 | 20 | |
| Iron | | | 2.01 | mg/L | 0.030 | 98 | 70 | 130 | 3.3 | 20 | |
| Silicon | | | 7.55 | mg/L | 0.10 | | 70 | 130 | 2.7 | 20 | Α |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



Project: Lost Creek

QA/QC Summary Report

Client: UR Energy USA Inc

Report Date: 06/29/09

Work Order: C09060141

| Analyte | Count Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---------------------|------------------|----------------|---------|------|------------|--------------|-----|----------|----------|
| Method: E200.8 | 1 8 18 801 | | | | | - | | Batch: | R11919 |
| Sample ID: LRB | 15 Method Blani | (| | | Run: ICPMS | S2-C_090605A | | 06/05/ | 09 13:13 |
| Aluminum | ND | mg/L | 0.002 | | | _ | | | |
| Arsenic | ND | mg/L | 0.0003 | | | | | | |
| Barium | ND | mg/L | 3E-05 | | | | | | |
| Cadmium | ND | mg/L | 6E-05 | | | | | | |
| Chromium | ND | mg/L | 8E-05 | | | | | | |
| Copper | ND | mg/L | 4E-05 | | | | | | |
| Lead | ND | mg/L | 2E-05 | | | | | | |
| Manganese | ND | mg/L | 5E-05 | | | | | | |
| Mercury | ND | mg/L | 4E-05 | | | | | | |
| Molybdenum | ND | mg/L | 4E-05 | | | | | | |
| Nickel | ND | mg/L | 9E-05 | | | | | | |
| Selenium | ND | mg/L | 0.001 | | | | | | |
| Uranium | ND | mg/L | 8E-06 | | | | | | |
| Vanadium | ND | mg/L | 9E-05 | | | | | | |
| Zinc | 0.0006 | mg/L | 6E-05 | | | | | | |
| Sample ID: LFB | 15 Laboratory Fo | ortified Blank | | | Run: ICPMS | S2-C_090605A | | 06/05/ | 09 13:20 |
| Aluminum | 0.0544 | mg/L | 0.0022 | 109 | 85 | 115 | | | |
| Arsenic | 0.0526 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Barium | 0.0512 | mg/L | 0.0010 | 102 | 85 | 115 | | | |
| Cadmium | 0.0522 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Chromium | 0.0504 | mg/L | 0.0010 | 101 | 85 | 115 | | | |
| Copper | 0.0499 | mg/L | 0.0010 | 100 | 85 | 115 | | | |
| Lead | 0.0519 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Manganese | 0.0506 | mg/L | 0.0010 | 101 | 85 | 115 | | | |
| Mercury | 0.00540 | mg/L | 0.0010 | 108 | 85 | 115 | | | |
| Molybdenum | 0.0535 | mg/L | 0.0010 | 107 | 85 | 115 | | | |
| Nickel | 0.0504 | mg/L | 0.0010 | 101 | 85 | 115 | | | |
| Selenium | 0.0526 | mg/L | 0.0014 | 105 | 85 | 115 | | | |
| Uranium | 0.0537 | mg/L | 0.00030 | 107 | 85 | 115 | | | |
| Vanadium | 0.0509 | mg/L | 0.0010 | 102 | 85 | 115 | | | |
| Zinc | 0.0541 | mg/L | 0.0010 | 107 | 85 | 115 | | | |
| Sample ID: MB-22593 | 15 Method Blank | (| | | Run: ICPMS | S2-C_090605A | | 06/05/ | 09 14:06 |
| Aluminum | ND | mg/L | 0.0001 | | | | | | |
| Arsenic | ND | mg/L | 6E-05 | | | | | | |
| Barium | ND | mg/L | 3E-05 | | | | | | |
| Cadmium | ND | mg/L | 1E-05 | | | | | | |
| Chromium | 0.0002 | mg/L | 4E-05 | | | | | | |
| Copper | ND | mg/L | 7E-05 | | | | | | |
| Lead | ND | mg/L | 3E-05 | | | | | | |
| Manganese | ND | mg/L | 5E-05 | | | | | | |
| Mercury | 0.00010 | mg/L | 8E-05 | | | | | | |
| Molybdenum | 5E-05 | mg/L | 5E-05 | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 06/29/09

Work Order: C09060141

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|---------------------|-----------|---------|------|------------|--------------|-----|----------|-----------|
| Method: E200.8 | | | | | | | | | Batch | R119190 |
| Sample ID: MB-22593 | <u>15</u> Me | thod Blank | | | | Run: ICPMS | S2-C_090605A | | 06/05 | /09 14:06 |
| Nickel | | ND | mg/L | 0.0007 | | | | | | |
| Selenium | | ND | mg/L | 0.0002 | | | | | | |
| Uranium | | 3E-05 | mg/L | 1E-05 | | | | | | |
| Vanadium | | 0.0001 | mg/L | 3E-05 | | | | | | |
| Zinc | | 0.008 | mg/L | 0.0003 | | | | | | |
| Sample ID: C09060141-010BMS4 | 1 <u>5</u> Sar | nple Matrix | Spike | | | Run: ICPMS | S2-C_090605A | | 06/05 | /09 16:28 |
| Aluminum | | 0.0577 | mg/L | 0.10 | 105 | 70 | 130 | | | |
| Arsenic | | 0.0598 | mg/L | 0.0010 | 110 | 70 | 130 | | | |
| Barium | | 0.0715 | mg/L | 0.10 | 106 | 70 | 130 | | | |
| Cadmium | | 0.0533 | mg/L | 0.010 | 107 | 70 | 130 | | | |
| Chromium | | 0.0492 | mg/L | 0.050 | 98 | 70 | 130 | | | |
| Copper | | 0.0492 | mg/L | 0.010 | 98 | 70 | 130 | | | |
| Lead | | 0.0528 | mg/L | 0.050 | 105 | 70 | 130 | | | |
| Manganese | | 0.0570 | mg/L | 0.010 | 103 | 70 | 130 | | | |
| Mercury | | 0.00561 | mg/L | 0.0010 | 112 | 70 | 130 | | | |
| Molybdenum | | 0.0556 | mg/L | 0.10 | 109 | 70 | 130 | | | |
| Nickel | | 0.0499 | mg/L | 0.050 | 98 | 70 | 130 | | | |
| Selenium | | 0.0558 | mg/L | 0.0010 | 111 | 70 | 130 | | | |
| Uranium | | 0.338 | mg/L | 0.00030 | | 70 | 130 | | | Α |
| Vanadium | | 0.0503 | mg/L | 0.10 | 100 | 70 | 130 | | | |
| Zinc | | 0.0598 | mg/L | 0.010 | 105 | 70 | 130 | | | |
| Sample ID: C09060141-010BMSE | 1 <u>5</u> Sar | nple Ma trix | Spike Dup | licate | | Run: ICPMS | 2-C_090605A | | 06/05/ | 09 16:35 |
| Aluminum | | 0.0534 | mg/L | 0.0010 | 96 | 70 | 130 | 7.7 | 20 | |
| Arsenic | | 0.0585 | mg/L | 0.0010 | 107 | 70 | 130 | 2.1 | 20 | |
| Barium | | 0.0706 | mg/L | 0.0010 | 104 | 70 | 130 | 1.3 | 20 | |
| Cadmium | | 0.0525 | mg/L | 0.010 | 105 | 70 | 130 | 1.7 | 20 | |
| Chromium | | 0.0481 | mg/L | 0.0010 | 96 | 70 | 130 | 2.2 | 20 | |
| Copper | | 0.0481 | mg/L | 0.010 | 96 | 70 | 130 | 2.2 | 20 | |
| Lead | | 0.0518 | mg/L | 0.050 | 103 | 70 | 130 | 2 | 20 | |
| Manganese | | 0.0560 | mg/L | 0.010 | 101 | 70 | 130 | 1.9 | 20 | |
| Mercury | | 0.00554 | mg/L | 0.0010 | 111 | 70 | 130 | 1.3 | 20 | |
| Molybdenum | | 0.0547 | mg/L | 0.0010 | 107 | 70 | 130 | 1.6 | 20 | |
| Nickel | | 0.0488 | mg/L | 0.0010 | 96 | 70 | 130 | 2.1 | 20 | |
| Selenium | | 0.0542 | mg/L | 0.0010 | 107 | 70 | 130 | 3 | 20 | |
| Uranium | | 0.333 | mg/L | 0.00030 | | 70 | 130 | 1.7 | 20 | Α |
| Vanadium | | 0.0490 | mg/L | 0.0010 | 98 | 70 | 130 | 2.5 | 20 | |
| Zinc | | 0.0578 | mg/L | 0.010 | 101 | 70 | 130 | 3.4 | 20 | |
| Sample ID: C09060141-020BMS4 | <u>15</u> San | nple Matrix | Spike | | | Run: ICPMS | 2-C_090605A | | 06/06/ | 09 01:15 |
| Aluminum | | 0.0444 | mg/L | 0.0010 | 89 | 70 | 130 | | 22.30 | · · · · · |
| Arsenic | | 0.0500 | mg/L | 0.0010 | 100 | 70 | 130 | | | |
| Barium | | 0.0510 | mg/L | 0.0010 | 100 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 06/29/09

Project: Lost Creek

Work Order: C09060141

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|----------------|-------------|--------------|---------|------|------------|--------------|-----|----------|-----------|
| Method: E200.8 | | | | | | | | | Batch: | R119190 |
| Sample ID: C09060141-020BMS4 | 15 San | nple Matrix | Spike | | | Run: ICPMS | S2-C_090605A | | 06/06 | /09 01:15 |
| Cadmium | | 0.0498 | mg/L | 0.010 | 100 | 70 | 130 | | | |
| Chromium | | 0.0464 | mg/L | 0.0010 | 93 | 70 | 130 | | | |
| Copper | | 0.0461 | mg/L | 0.010 | 92 | 70 | 130 | | | |
| Lead | | 0.0483 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Manganese | | 0.0474 | mg/L | 0.010 | 93 | 70 | 130 | | | |
| Mercury | | 0.00502 | mg/L | 0.0010 | 100 | 70 | 130 | | | |
| Molybdenum | | 0.0503 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Nickel | | 0.0465 | mg/L | 0.0010 | 93 | 70 | 130 | | | |
| Selenium | | 0.0504 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Uranium | | 0.0512 | mg/L | 0.00030 | 102 | 70 | 130 | | | |
| Vanadium | | 0.0472 | mg/L | 0.0010 | 94 | 70 | 130 | | | |
| Zinc | | 0.0517 | mg/L | 0.010 | 96 | 70 | 130 | | | |
| Sample ID: C09060141-020BMSD | 1 <u>5</u> San | nple Matrix | Spike Duplic | cate | | Run: ICPMS | S2-C_090605A | | 06/06/ | 09 01:21 |
| Aluminum | | 0.0467 | mg/L | 0.0010 | 93 | 70 | 130 | 5 | 20 | |
| Arsenic | | 0.0505 | mg/L | 0.0010 | 101 | 70 | 130 | 0.9 | 20 | |
| Barium | | 0.0508 | mg/L | 0.0010 | 100 | 70 | 130 | 0.2 | 20 | |
| Cadmium | | 0.0498 | mg/L | 0.010 | 100 | 70 | 130 | 0 | 20 | |
| Chromium | | 0.0469 | mg/L | 0.0010 | 94 | 70 | 130 | 1.1 | 20 | |
| Copper | | 0.0468 | mg/L | 0.010 | 94 | 70 | 130 | 1.5 | 20 | |
| Lead | | 0.0483 | mg/L | 0.0010 | 97 | 70 | 130 | 0.2 | 20 | |
| Manganese | | 0.0479 | mg/L | 0.010 | 94 | 70 | 130 | 1.1 | 20 | |
| Mercury | | 0.00507 | mg/L | 0.0010 | 101 | 70 | 130 | 1.1 | 20 | |
| Molybdenum | | 0.0505 | mg/L | 0.0010 | 101 | 70 | 130 | 0.3 | 20 | |
| Nickel | | 0.0471 | mg/L | 0.0010 | 94 | 70 | 130 | 1.2 | 20 | |
| Selenium | | 0.0511 | mg/L | 0.0010 | 102 | 70 | 130 | 1.5 | 20 | |
| Uranium | | 0.0512 | mg/L | 0.00030 | 102 | 70 | 130 | 0.1 | 20 | |
| Vanadium | | 0.0476 | mg/L | 0.0010 | 95 | 70 | 130 | 0.9 | 20 | |
| Zinc | | 0.0523 | mg/L | 0.010 | 97 | 70 | 130 | 1.2 | 20 | |



Client: UR Energy USA Inc

Report Date: 07/07/09

Project: Lost Creek

Work Order: C09060141

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-------------|--------------|-----------------|----|------|------------|------------|-----|----------|-----------|
| Method: E900.0 | | | | | | | | | Batch: C | SrAB-0679 |
| Sample ID: MB-GrAB-0679 | <u>6</u> Me | thod Blank | | | | Run: G5000 | OW_090619B | | 06/23 | /09 21:07 |
| Gross Alpha | | -0.6 | pCi/L | | | | | | | U |
| Gross Alpha precision (±) | | 0.6 | pCi/L | | | | | | | |
| Gross Alpha MDC | | 0.7 | pCi/L | | | | | | | |
| Gross Beta | | -1.0 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | | 1 | pCi/L | | | | | | | |
| Gross Beta MDC | | 2 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0679 | Lat | oratory Cor | ntrol Sample | | | Run: G5000 | W_090619B | | 06/23 | /09 21:07 |
| Gross Alpha | | 150 | pCi/L | | 108 | 70 | 130 | | | |
| Sample ID: Cs137-GrAB-0679 | Lat | ooratory Cor | ntrol Sample | | | Run: G5000 | W_090619B | | 06/23 | /09 21:07 |
| Gross Beta | | 86 | pCi/L | | 94 | 70 | 130 | | | |
| Sample ID: C09060055-022DMS | Sai | mple Matrix | Spike | | | Run: G5000 | DW_090619B | | 06/24 | /09 09:16 |
| Gross Alpha | | 147 | pCi/L | | 107 | 70 | 130 | | | |
| Sample ID: C09060055-022DMSI |) Sai | mple Matrix | Spike Duplicate | | | Run: G5000 | OW_090619B | | 06/24 | /09 09:16 |
| Gross Alpha | | 140 | pCi/L | | 102 | 70 | 130 | 4.9 | 15.8 | |
| Sample ID: C09060055-022DMS | Sa | mple Matrix | Spike | | | Run: G5000 | OW_090619B | | 06/24 | /09 09:16 |
| Gross Beta | | 88.1 | pCi/L | | 96 | 70 | 130 | | | |
| Sample ID: C09060055-022DMSI | D Sa | mple Matrix | Spike Duplicate | | | Run: G5006 | OW_090619B | | 06/24 | /09 09:16 |
| Gross Beta | | 87.3 | pCi/L | | 95 | 70 | 130 | 0.8 | 16.1 | |



Client: UR Energy USA Inc

Report Date: 07/07/09

Project: Lost Creek

Work Order: C09060141

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-------------|--------------|-----------------|----|------|------------|--------------|--------|------------|----------|
| Method: E900.0 | | • | · · · · · · | | - | | | , | Batch: Gr | AB-0680 |
| Sample ID: MB-GrAB-0680 | <u>6</u> Me | thod Blank | | | | Run: G5000 | OW_090622B | | 06/24/0 | 9 23:04 |
| Gross Alpha | | -0.6 | pCi/L | | | | | | | U |
| Gross Alpha precision (±) | | 0.5 | pCi/L | | | | | | | |
| Gross Alpha MDC | | 0.7 | pCi/L | | | | | | | |
| Gross Beta | | -0.9 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | | 2 | pCi/L | | | | | | | |
| Gross Beta MDC | | 2 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0680 | Lat | oratory Cor | ntrol Sample | | | Run: G5006 | 0W_090622B | | 06/24/0 | 9 23:04 |
| Gross Alpha | | 140 | pCi/L | | 105 | 70 | 130 | | | |
| Sample ID: Cs137-GrAB-0680 | Lat | oratory Cor | ntrol Sample | | | Run: G5000 | W_090622B | | 06/24/0 | 9 23:04 |
| Gross Beta | | 97 | pCi/L | | 106 | 70 | 130 | | | |
| Sample ID: C09060141-009DDUF | 6 Sa | mple Duplic | ate | | | Run: G5000 | W_090622B | | 06/24/0 | 9 23:04 |
| Gross Alpha | | 345 | pCi/L | | | | | 11 | 14.6 | |
| Gross Alpha precision (±) | | 8.14 | pCi/L | | | | | | | |
| Gross Alpha MDC | | 1.65 | pCi/L | | | | | | | |
| Gross Beta | | 94.4 | pCi/L | | | | | 2.4 | 16 | |
| Gross Beta precision (±) | | 2.86 | pCi/L | | | | | | | |
| Gross Beta MDC | | 2.66 | pCi/L | | | | | | | |
| Sample ID: C09060141-020DMS | Sa | mple Matrix | • | | | | OW_090622B | | 06/25/0 | 09 11:17 |
| Gross Alpha | | 151 | pCi/L | | 110 | 70 | 130 | | | |
| Sample ID: C09060141-020DMSI |) Sa | mple Matrix | Spike Duplicate | | | Run: G5000 | OW_090622B | | 06/25/0 | 9 11:17 |
| Gross Alpha | | 137 | pCi/L | | 100 | 70 | 130 | 9.5 | 15.7 | |
| Sample ID: C09060141-020DMS | Sa | mple Matrix | Spike | | | Run: G5000 | OW_090622B | | 06/25/0 | 9 11:17 |
| Gross Beta | | 97.6 | pCi/L | | 108 | 70 | 130 | | | |
| Sample ID: C09060141-020DMSI |) Sa | mple Matrix | Spike Duplicate | | | Run: G5000 | OW_090622B | | 06/25/0 | 09 11:17 |
| Gross Beta | | 89.3 | pCi/L | | 99 | 70 | 130 | 8.9 | 15.9 | |
| Method: E903.0 | | | | | • | | | , , | Batch: RA2 | 226-3721 |
| Sample ID: C09060141-001DMS | Sa | mple Matrix | Spike | | | Run: BERT | HOLD 770-1_0 | 90607A | 06/16/0 | 9 16:27 |
| Radium 226 | | 19 | pCi/L | | 111 | 70 | 130 | | | |
| Sample ID: C09060141-001DMSI |) Sa | mple Matrix | Spike Duplicate | | | Run: BERT | HOLD 770-1_0 | 90607A | 06/16/0 | 09 16:27 |
| Radium 226 | | 17 | pCi/L | | 102 | 70 | 130 | 8 | 24.1 | |
| Sample ID: MB-RA226-3721 | <u>3</u> Me | thod Blank | | | | Run: BERT | HOLD 770-1_0 | 90607A | 06/16/0 | 09 22:40 |
| Radium 226 | | -0.2 | pCi/L | | | | | | | U |
| Radium 226 precision (±) | | 80.0 | pCi/L | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | |
| Sample ID: LCS-RA226-3721 | Lal | ooratory Coi | ntrol Sample | | | Run: BERT | HOLD 770-1_0 | 90607A | 06/16/0 | 09 22:40 |
| Radium 226 | | 7.2 | pCi/L | | 93 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client: UR Energy USA Inc Report Date: 07/07/09

Project: Lost Creek

Work Order: C09060141

| Analyte | Count | Result | Units | RL. | %REC | Low | Limit | High | Limit | RP | D RPC | Limit | Qual |
|---|------------|---------------|-----------------------|------------|------------|---------|----------|---------|--------|-----------|----------|----------|-------------------------|
| Method: E903.0 | | | | | | | | | | | Ва | tch: RA | 226-372 |
| Sample ID: C09060141-005DMS | S | ample Matrix | Spike | | | Run: | BERT | HOLD | 770-2_ | _090607/ | 4 | 06/16/ | 09 13:47 |
| Radium 226 | | 17 | pCi/L | | 98 | | 70 | | 130 | | | | |
| Sample ID: C09060141-005DMS | D s | ample Matrix | Spike Duplicate | | | Run: | BERT | HOLD | 770-2 | 090607/ | Ą | 06/16/ | 09 13:47 |
| Radium 226 | | 16 | pCi/L | | 90 | | 70 | | 130 | | 7 | 25.4 | |
| Sample ID: MB-RA226-3722 | <u>3</u> M | lethod Blank | | | | Run: | BERT | HOLD | 770-2_ | _090607/ | 4 | 06/16/ | /09 16:22 |
| Radium 226 | | -0.2 | pCi/L | | | | | | | | | | U |
| Radium 226 precision (±) | | 0.09 | pCi/L | | | | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | | | | |
| Sample ID: LCS-RA226-3722 | La | aboratory Cor | trol Sample | | | Run: | BERT | HOLD | 770-2_ | _090607/ | 4 | 06/16/ | /09 16:22 |
| Radium 226 | | 6.4 | pCi/L | | 83 | | 70 | | 130 | | | | |
| Method: E903.0 | | | | | | | | | | | Ва | itch: RA | 226-372 |
| Sample ID: C09060141-014DMS | S | ample Matrix | Spike | | | Run: | BERT | HOLD | 770-2 | 0906070 | 2 | 06/19/ | / <mark>09 13:14</mark> |
| Radium 226 | | 130 | pCi/L | | 116 | | 70 | | 130 | | | | |
| Sample ID: C09060141-014DMS | b s | ample Matrix | Spike Duplicate | | | Run: | BERT | HOLD | 770-2_ | _0906070 | | 06/19/ | /09 13:14 |
| Radium 226 | | 130 | pCi/L | | 111 | | 70 | | 130 | 0. | 6 | 15.1 | |
| Sample ID: MB-RA226-3723 | <u>3</u> M | lethod Blank | | | | Run: | BERT | HOLD | 770-2_ | _0906070 | | 06/19/ | /09 14:56 |
| Radium 226 | | -0.2 | pCi/L | | | | | | | | | | U |
| Radium 226 precision (±) | | 0.09 | pCi/L | | | | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | | | | |
| Sample ID: LCS-RA226-3723 | La | aboratory Cor | itrol Sample | | | Run: | BERT | HOLD | 770-2_ | _0906070 | | 06/19/ | /09 14:56 |
| Radium 226 | | 7.5 | pCi/L | | 97 | | 70 | | 130 | | | | |
| Method: E903.0 | • | | | _ | | | | | | | Ba | itch: RA | 226-372 |
| Sample ID: C09060141-016DMS | S | ample Matrix | Spike | | | Run: | BERT | HOLD | 770-2_ | _0906070 |) | 06/30/ | /09 11:31 |
| Radium 226 | | 150 | pCi/L | | <u>201</u> | | 70 | | 130 | | | | S |
| Sample response is much larger that meets acceptance criteria; this batch | | | small variances in th | e sample : | adversely | affecte | d the re | covery. | The LC | S and the | RPD of t | he MS/M | ISD pair |
| Sample ID: C09060141-016DMS | | | Spike Duplicate | | | Run: | BERT | HOLD | 770-2 | _0906071 |) | 06/30/ | /09 11:31 |
| Radium 226 | | 150 | pCi/L | | <u>165</u> | | 70 | | 130 | 3. | 8 | 13.7 | S |
| Sample ID: MB-RA226-3724 | <u>3</u> M | lethod Blank | | | | Run: | BERT | HOLD | 770-2 | _0906071 |) | 06/30/ | /09 13:50 |
| Radium 226 | | -0.10 | pCi/L | | | | | | | | | | U |
| Radium 226 precision (±) | | 0.06 | pCi/L | | | | | | | | | | |
| Radium 226 MDC | | 0.1 | pCi/L | | | | | | | | | | |
| Sample ID: LCS-RA226-3724 | L | aboratory Cor | ntrol Sample | | | Run: | BERT | HOLD | 770-2 | _0906071 |) | 06/30 | /09 13:50 |
| Radium 226 | | 7.6 | pCi/L | | 98 | | 70 | | 130 | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



UR Energy USA Inc

Project: Lost Creek

Report Date: 07/07/09

Work Order: C09060141

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High L | _imit | RPD | RPDLimit | Qual |
|-------------------------------|------------|---------------|-----------------|----|------|-----------|--------|----------|-----|-----------|-----------|
| Method: RA-05 | | | - | | | , | | | | Batch: RA | \228-2698 |
| Sample ID: LCS-228-RA226-3721 | L | aboratory Cor | ntrol Sample | | | Run: TENN | ELEC-3 | _090607B | | 06/11 | /09 12:14 |
| Radium 228 | | 7.69 | pCi/L | | 90 | 70 | | 130 | | | |
| Sample ID: MB-RA226-3721 | <u>3</u> N | Method Blank | | | | Run: TENN | ELEC-3 | _090607B | | 06/11 | /09 12:14 |
| Radium 228 | | -0.06 | pCi/L | | | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | | |
| Radium 228 MDC | | 1 | p C i/L | | | | | | | | |
| Sample ID: C09060141-002DMS | 5 | Sample Matrix | Spike | | | Run: TENN | ELEC-3 | _090607B | | 06/11 | /09 12:14 |
| Radium 228 | | 18.4 | pCi/L | | 101 | 70 | | 130 | | | |
| Sample ID: C09060141-002DMSE |) 5 | Sample Matrix | Spike Duplicate | | | Run: TENN | ELEC-3 | _090607B | | 06/11 | /09 12:14 |
| Radium 228 | | 17.2 | pCi/L | | 94 | 70 | | 130 | 6.3 | 35.8 | |
| Method: RA-05 | | | | | | | | | • | Batch: RA | 228-2699 |
| Sample ID: LCS-228-RA226-3722 | L | aboratory Cor | ntrol Sample | | | Run: TENN | ELEC-3 | _090607A | | 06/11 | /09 14:26 |
| Radium 228 | | 8.00 | pCi/L | | 102 | 70 | | 130 | | | |
| Sample ID: MB-RA226-3722 | <u>3</u> N | /lethod Blank | | | | Run: TENN | ELEC-3 | _090607A | | 06/11 | /09 14:26 |
| Radium 228 | | -0.9 | pCi/L | | | | | | | | U |
| Radium 228 precision (±) | | 8.0 | pCi/L | | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | |
| Sample ID: C09060141-006DMS | S | Sample Matrix | Spike | | | Run: TENN | ELEC-3 | _090607A | | 06/11 | /09 14:26 |
| Radium 228 | | 16.8 | pCi/L | | 91 | 70 | | 130 | | | |
| Sample ID: C09060141-006DMSD |) 5 | Sample Matrix | Spike Duplicate | | | Run: TENN | ELEC-3 | _090607A | | 06/11 | /09 14:26 |
| Radium 228 | | 17.9 | pCi/L | | 98 | 70 | | 130 | 6.8 | 34 | |
| Method: RA-05 | | | | | | | | | | Batch: RA | 228-270 |
| Sample ID: LCS-228-RA226-3723 | L | aboratory Cor | ntrol Sample | | | Run: TENN | ELEC-3 | _090607C | | 06/15 | /09 11:16 |
| Radium 228 | | 6.46 | pCi/L | | 78 | 70 | | 130 | | | |
| Sample ID: MB-RA226-3723 | <u>3</u> N | /lethod Blank | | | | Run: TENN | ELEC-3 | _090607C | | 06/15 | /09 11:16 |
| Radium 228 | | -0.3 | pCi/L | | | | | | | | U |
| Radium 228 precision (±) | | 0.6 | pCi/L | | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | |
| Sample ID: C09060141-015DMS | 5 | Sample Matrix | Spike | | | Run: TENN | ELEC-3 | _090607C | | 06/15 | /09 11:16 |
| Radium 228 | | 15.4 | pCi/L | | 88 | 70 | | 130 | | | |
| Sample ID: C09060141-015DMSI |) 5 | Sample Matrix | Spike Duplicate | | | Run: TENN | ELEC-3 | _090607C | | 06/15 | /09 11:16 |
| Radium 228 | | 13.9 | pCI/L | | 79 | 70 | | 130 | 10 | 37.3 | |

Qualiflers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 07/07/09

Project: Lost Creek

Work Order: C09060141

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------|-------------|-------------|-----------------|----|------|-----------|---------------|-----|-----------|----------|
| Method: RA-05 | | | | | | | | | Batch: RA | 228-2701 |
| Sample ID: LCS-228-RA226-3724 | Lab | oratory Cor | ntrol Sample | | | Run: TENN | ELEC-3_090607 | D | 06/15/ | 09 13:20 |
| Radium 228 | | 8.50 | pCi/L | | 103 | 70 | 130 | | | |
| Sample ID: MB-RA226-3724 | <u>3</u> Me | thod Blank | | | | Run: TENN | ELEC-3_090607 | D | 06/15/ | 09 13:20 |
| Radium 228 | | -0.3 | pCi/L | | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | |
| Sample ID: C09060141-017DMS | Sar | mple Matrix | Spike | | | Run: TENN | ELEC-3_090607 | D | 06/15/ | 09 13:20 |
| Radium 228 | | 17.8 | pCi/L | | 80 | 70 | 130 | | | |
| Sample ID: C09060141-017DMSD |) Sar | nple Matrix | Spike Duplicate | | | Run: TENN | ELEC-3_090607 | D | 06/15/ | 09 13:20 |
| Radium 228 | | 20.4 | pCi/L | | 96 | 70 | 130 | 14 | 34.6 | |

| ENERGY |
|--------------|
| LABORATORIES |

Chain of Custody and Analytical Request Record

| Page | of | 2 |
|-------|--------|---|
| - 3 - | | |

| Report Mail Address Sampler (Please Print) Contact Name: Contact | | PLEASE PRINT- Provide as much information as possible. | T |
|--|---|--|--|
| Contact Name: Phone/Fax: Email: Sampler: (Flease Print) Significant Prints Sampler: (Flease Print) Significant Prints Sampler: (Flease Print) Sampler: (Flea | Company Name: | Project Name, PWS, Permit, Etc. | Sample Origin EPA/State Compliance: |
| Cost P2609 The Cost 27-155-2373 ch. cast | UR Energy | Lost Creek | State: WY Yes \(\text{No } \textsquare \) |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: U. E. Energy Ext = Sheet DW AZLA GSA POTWWWTP LEVEL IV Other: NELAC Other: NELAC Name, Location, Interval, etc.) Name, Locati | Report Mail Address: 5880 Enterprise or Suite 200 | Contact Name: Phone/Fax: | Email: Sampler: (Please Print) |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: U. E. Energy Ext = Sheet DW AZLA GSA POTWWWTP LEVEL IV Other: NELAC SAMPLE IDENTIFICATION Collection Character Collection Collection Character Collection Collectio | Cusper WY 82609 | The Cash 301-265-2373 into cash Quit-energy | 11486 10tm |
| prior to sample submittal for the following: UR Energy Gue! Seet DW A2LA GSA EDD/EDT (Electronic Data) POTW/WWTP Format: State: LEVEL IV NELAC SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) Date Time MATRIX M-112 #24 #24 Matrix M-124 #25 Matrix M-127 #25 Matrix M-127 #25 Matrix M-127 #25 Matrix M-127 #25 Matrix M-128 #30 Matrix M-129 #30 Matrix | | Invoice Contact & Phone: | Purchase Order: Quote/Bottle Order: |
| prior to sample submittal for the following: UR Energy Gue! Seet DW A2LA GSA EDD/EDT (Electronic Data) POTW/WWTP Format: State: LEVEL IV NELAC SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) Date Time MATRIX M-112 #24 #24 Matrix M-124 #25 Matrix M-127 #25 Matrix M-127 #25 Matrix M-127 #25 Matrix M-127 #25 Matrix M-128 #30 Matrix M-129 #30 Matrix | V 10 7 10 10 10 10 10 10 10 10 10 10 10 10 10 | | |
| DW AZLA Scheduling - See Instruction Date POTW/WWTP Format: LEVEL IV Date Time MATRIX State: LEVEL IV Date Date Time MATRIX See Instruction Page Comments: Receipt/See See Instruction Page Comments: Receipt/See See Instruction Page Comments: | | analysis requested | |
| SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) Match MATRIX | | 90 5 N N N N N N N N N N N N N N N N N N | |
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| SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) Match MATRIX | | | S Yes No |
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| SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) M-119 | Other: NELAC | | Bottles/ B C |
| (Name, Location, Interval, etc.) M-1/19 | SAMPLE IDENTIFICATION Collection Collection | | Intact Y N |
| 2 M-122 #24 3 M-123 #25 4 M-124 #26 5 M-125 #27 6 M-126 #25 7 M-127 #29 8 M-128 #30 9 M0-1/0 #31 10 MP-1/0 #32 Custody Record Paleutished by (print) | | MATRIX S | |
| 2 M-122 #24 3 M-123 #25 4 M-124 #26 5 M-125 #27 6 M-126 #28 7 M-127 #29 8 M-128 #30 9 M0-110 #31 10 MP-110 #32 Custody Record Paleutished by (print) | | w zga/ | |
| 4 M-124 #26 5 M-125 #27 6 M-126 #29 7 M-127 #29 8 M-128 #30 9 Mo-110 #31 10 MP-110 #32 Custody Recipquished by (print): Date/Time: Signature: A-3-09. 8:30 Custody Record MUST be MUST be A M-129 #26 Date/Time: Signature: Recorded by (print): Date/Time: Date/T | M-122 #24 / | | |
| 5 M-125 #27 6 M-126 #28 7 M-127 #29 8 M-128 #30 9 MO-110 #31 10 MP-110 #32 Custody Record Relinquished by (print): Custody Record Relinquished by (print): Baller Time: Custody Record MUST be Date/Time: Coa. 5 House C-209 /7:00 Signature: Record Print: Record Record Print: Baller Time: Coa. 5 House C-209 /7:00 Date/Time: Co | 3 M-123 #25 | | © Dnn |
| 6 M-124 #28 7 M-127 #29 8 M-128 #30 9 Mo-110 #31 10 MP-110 #32 Custody Record Relinquished by (print): Date/Time: Carie Hand to Carie Han | <u> 19-124 #26 </u> | | |
| 7 M-127 #25 8 M-128 #30 9 Mo-1/0 #31 10 MP-1/0 #32 Custody Record Relinquished by (print): Date/Time: Signature: Recoved by (print): Date/Time: Date/Time: Signature: Recoved by (print): Date/Time: Date/Time | 17-125 #27 \ | | |
| 8 M-128 #30 9 Mo-100 #31 10 MP-110 #32 Custody Record Relinquished by (print): Date/Time: Signature: Record by (print): Date/Time: Date/Time: Signature: Record by (print): Date/Time: Date/Time: Signature: Record by (print): Date/Time: Date/ | 6 M-126 #28 | | |
| 9 Mo-10 #31 10 MP-110 #32 Custody Relinquished by (print): Date/Time: Signature: Believed by (print): Date/Time: Signature: G-3.09. 8:30. Beliequished by (print): Date/Time: | ⁷ M-127 #29 | | ATT |
| To MP-110 #32 Custody Relinquished by (print): Record Relinquished by (print): Date/Time: Date/Time: Signature: Signature: Paginequished by (print): Date/Time: Date/Time: Date/Time: Signature: Date/Time: Date | ° M-128 #30 | | 4 |
| Custody Relinquished by (print): Record Relinquished by (print): Date/Time: Date/Time: Date/Time: Signature: Recorded by (print): Date/Time: Signature: Recorded by (print): Date/Time: Signature: Date/Time: Signature: Signature: Page (print): Date/Time: Date/Time: Signature: Signature: Page (print): Date/Time: Signature: Date/Time: Signature: Date/Time: Date/Time: Signature: Date/Time: Date/Time | 9 MO-110 #31 | | (DACLOILI) |
| Record Relinquished by (print): Date/Time: Signature: Date/Time: Date/Time | 10 MP-110 #32 |) [] | |
| MUST be Jan 6-3-09. 7.30 | Custody Relinquished by (print): Date/Time: | Signature: Received by (print): | |
| MUST be 1 6-3-09. 7.30 | Record Relinquished by (print): Date/Time: | | Date/Time: Signature: |
| Signed Sample Disposal: Return to Client: Lab Disposal: Lab Disposal: Lab Disposal: Lab Disposal: Return to Client: Lab Disposal: Lab Dispos | MUST be 6-3-09. 7. | 30 | |
| | Signed Sample Disposal: Return to Client: | Lab Disposal: | Jate/Time: Signature: |



Chain of Custody and Analytical Request Record

Page Z of Z

| Company Name: | Project Name, PWS, Permit, Etc. | Sample Origin EPA/State Compliance: |
|--|--|---|
| DR Energy | lost Creek | State: WY Yes \(\square\) No \(\frac{1}{2} \) |
| Report Mail Address: S888 Faterpr: Se Dr Suite 200 | Contact Name: Phone/Fax: | Email: Sampler: (Please Print) |
| Cesper WY 82609 | John Cash 307-265-2373 John Cash & ur-e. Invoice Contact & Phone: | |
| Invoice Address: | Invoice Contact & Phone: | Purchase Order: Quote/Bottle Order: |
| , | and so contact at none. | Quote/Buttle Order. |
| Special Report/Formats – ELI must be notified | | Contact ELI prior to Shipped by: |
| prior to sample submittal for the following: | ANALYSIS REQUESTED | RUSH sample submittal |
| UR Energy Excel sheet | Number of Containers Sample Type: AW S V B O Air Water Soils/Soilds Vegetation Bioassay Other Lac & SEE ATTACHED | for charges and scheduling – See |
| | Number of Container Sample Type: A W S V E Atr Water Solls/Solids Vegetation Bioassay Ott A. A | Instruction Page |
| DW A2LA | | Comments: Receipt Temp |
| GSA EDD/EDT(Electronic Data) POTW/WWTP Format: | TT | On Ice: |
| | July A | |
| ☐ State: ☐ LEVEL IV ☐ Other: ☐ NELAC | Sam Sam Vega Vega SEE | Custody Seal Y (N) |
| _ | | Coolers B C |
| SAMPLE IDENTIFICATION Collection Collection (Name, Location, Interval, etc.) | MATRIX 3 | Intact Y N Signature Y N Match |
| M-131 33 6-2-09 | W Zgal (| matti |
| ² My-110 34 | | |
| 3 MO-1/1 35 | | 0 |
| ⁴ Mu-111 34 | | |
| 5 MO-112 37 | | > |
| 6 MP-112 38 | | |
| ⁷ Mu-112 39 | | 169000141 B |
| ° Mo-1/3 40 (| | |
| ° Mu-113 41 | | |
| 10 M-132 42 | | |
| Custody Relinquished by (print): Date/Time: | | ate/Time: Signature Signature |
| Retinquished by (print): Date/Time: | Signature Receiver by (print): | 3.07 - 8.30 Signature: |
| | Received by Laboratory: Di | ate/Time: Signature: |
| Signed Sample Disposal: Return to Client: | Lab Disposal: | ate/Time: Signature: |

Energy Laboratories Inc Workorder Receipt Checklist



UR Energy USA Inc

C09060141

| R | eceived by: em |
|------|------------------------|
| Са | rrier name: Hand Del |
| No 🗀 | Not Present ☑ |
| No 🔲 | Not Present ☑ |
| No 🔲 | Not Present 🗹 |
| No 🗌 | |
| No 🔲 | |
| No 🗌 | |
| No 🗀 | |
| No 🖂 | |
| No 🔲 | |
| No 🗌 | |
| | |
| No 🗌 | No VOA vials submitted |
| No 🗀 | Not Applicable |
| | Ca |

Contact and Corrective Action Comments:

Samples for dissolved metals/hardness were subsampled, filtered and preserved with 2 mL HNO3 in lab upon receipt to pH <2.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602 Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT:

UR Energy USA Inc

Date: 07-Jul-09

Project:

Lost Creek

Sample Delivery Group: C09060141

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS

Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS

The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505

Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT

eli-g - Energy Laboratories, Inc. - Gillette, WY

eli-h - Energy Laboratories, Inc. - Helena, MT

eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER, WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT



ANALYTICAL SUMMARY REPORT

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Stephanie D. Waldrop Reporting Supervisor



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-001

Client Sample ID: MO-104

Report Date: 07/14/09

Collection Date: 06/03/09 DateReceived: 06/04/09

Matrix: Aqueous

| Analyees | Result | Unite | Ouglisians | Di | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| Analyses | Result | Units | Qualiflers | RL | - QOL | Metriou | Allalysis Date / Dy |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 124 | mg/L | | 1 | | A2320 B | 06/09/09 20:36 / Ijl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 20:36 / ljl |
| Bicarbonate as HCO3 | 151 | mg/L | | 1 | | A2320 B | 06/09/09 20:36 / Ijl |
| Calcium | 91 | mg/L | | 1 | | E200.7 | 06/16/09 15:12 / aae |
| Chloride | 9 | mg/L | | 1 | | E300.0 | 06/11/09 13:31 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 17:35 / ljl |
| Magnesium | 5 | mg/L | | 1 | | E200.7 | 06/16/09 15:12 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/08/09 14:22 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.84 | mg/L | | 0.05 | | E353.2 | 06/08/09 12:49 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/16/09 15:12 / aae |
| Silica | 15.5 | mg/L | | 0.2 | | E200.7 | 06/19/09 16:19 / cp |
| Sodium | 35 | mg/L | | 1 | | E200.7 | 06/16/09 15:12 / aae |
| Sulfate | 177 | mg/L | | 1 | | E300.0 | 06/11/09 13:31 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 616 | umhos/cm | | 1 | | A2510 B | 06/05/09 09:58 / dd |
| Hq | 7.73 | s.u. | | 0.01 | | A4500-H B | 06/05/09 09:58 / dd |
| Solids, Total Dissolved TDS @ 180 C | 413 | mg/L | | 10 | | A2540 C | 06/08/09 08:57 / emm |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 13:49 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 13:49 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 13:49 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 16:19 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 13:49 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 13:49 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 13:49 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 16:19 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 13:49 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 13:49 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 13:49 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 13:49 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 13:49 / ts |
| Selenium | 0.047 | mg/L | | 0.001 | | E200.8 | 06/09/09 13:49 / ts |
| Uranium | 0.899 | mg/L | | 0.0003 | | E200.8 | 06/09/09 13:49 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 13:49 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 13:49 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/20/09 01:09 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/20/09 01:09 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-001

Client Sample ID: MO-104

Report Date: 07/14/09

Collection Date: 06/03/09 DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | - 11 | | | | |
| Gross Alpha | 717 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha precision (±) | 11.9 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta | 255 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta precision (±) | 4.6 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta MDC | 3.0 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Radium 226 | 2.4 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 226 precision (±) | 0.36 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 228 | 3.8 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.234 | % | | | | Calculation | 06/19/09 07:41 / kbh |
| Anions | 6.50 | meq/L | | | | Calculation | 06/19/09 07:41 / kbh |
| Cations | 6.53 | meq/L | | | | Calculation | 06/19/09 07:41 / kbh |
| Solids, Total Dissolved Calculated | 398 | mg/L | | | | Calculation | 06/19/09 07:41 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | _ | | | | Calculation | 06/19/09 07:41 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek C09060201-002

Client Sample ID: MP-104

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|--------|----------|------------|---------|-------------|-----------|-------------------------|
| MAJOR IONS | | | | · · · · | | | |
| Alkalinity, Total as CaCO3 | 107 | mg/L | | 1 | | A2320 B | 06/09/09 20:58 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 20:58 / Ijl |
| Bicarbonate as HCO3 | 130 | mg/L | | 1 | | A2320 B | 06/09/09 20:58 / IjI |
| Calcium | 83 | mg/L | | 1 | | E200.7 | 06/16/09 15:17 / aae |
| Chloride | 9 | mg/L | | 1 | | E300.0 | 06/11/09 13:46 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 17:42 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/16/09 15:17 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/08/09 14:28 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/08/09 12:50 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/16/09 15:17 / aae |
| Silica | 15.1 | mg/L | | 0.2 | | E200.7 | 06/19/09 16:23 / cp |
| Sodium | 36 | mg/L | | 1 | | E200.7 | 06/16/09 15:17 / aae |
| Sulfate | 182 | mg/L | | 1 | | E300.0 | 06/11/09 13:46 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| | 604 | umhos/cm | | 1 | | A2510 B | 06/05/09 09:59 / dd |
| Conductivity | 8.33 | S.U. | | 0.01 | | A4500-H B | 06/05/09 09:59 / dd |
| pH Solida Total Discolud TDS @ 180 C | | | | 10 | | A2540 C | 06/08/09 08:57 / emm |
| Solids, Total Dissolved TDS @ 180 C | 415 | mg/L | | 10 | | 72040 0 | 00/00/00 00:07 / 0///// |
| METALS - DISSOLVED | | | | | | F200 0 | 06/00/00 12:56 / to |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 13:56 / ts |
| Arsenic | 0.006 | mg/L | | 0.001 | | E200.8 | 06/09/09 13:56 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 13:56 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 16:23 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 13:56 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 13:56 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 13:56 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 16:23 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 13:56 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 13:56 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 13:56 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 13:56 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 13:56 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 13:56 / ts |
| Uranium | 0.200 | mg/L | | 0.0003 | | E200.8 | 06/09/09 13:56 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 13:56 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 13:56 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/20/09 01:13 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/20/09 01:13 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-002

Client Sample ID: MP-104

Report Date: 07/14/09 Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 836 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha precision (±) | 12.5 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta | 219 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta precision (±) | 4.2 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Radium 226 | 323 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 226 precision (±) | 3.8 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 228 | 7.0 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.694 | % | | | | Calculation | 06/19/09 07:42 / kbh |
| Anions | 6.21 | meq/L | | | | Calculation | 06/19/09 07:42 / kbh |
| Cations | 6.13 | meq/L | | | | Calculation | 06/19/09 07:42 / kbh |
| Solids, Total Dissolved Calculated | 383 | mg/L | | | | Calculation | 06/19/09 07:42 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | - | | | | Calculation | 06/19/09 07:42 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project: Lab ID:

Lost Creek C09060201-003

Client Sample ID: MU-104

Report Date: 07/14/09

Collection Date: 06/03/09 DateReceived: 06/04/09

Matrix: Aqueous

| Amelyana | B# | | 0 | 5. | MCL/ | Rasib→ | Analysis Data / De |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 91 | mg/L | | 1 | | A2320 B | 06/09/09 21:06 / ljl |
| Carbonate as CO3 | 3 | mg/L | | 1 | | A2320 B | 06/09/09 21:06 / ljl |
| Bicarbonate as HCO3 | 106 | mg/L | | 1 | | A2320 B | 06/09/09 21:06 / ljl |
| Calcium | 66 | mg/L | | 1 | | E200.7 | 06/16/09 15:34 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/11/09 14:02 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 17:44 / Iji |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 15:34 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/08/09 14:30 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/08/09 12:51 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 15:34 / aae |
| Silica | 15.1 | mg/L | | 0.2 | | E200.7 | 06/19/09 16:39 / cp |
| Sodium | 35 | mg/L | | 1 | | E200.7 | 06/16/09 15:34 / aae |
| Sulfate | 149 | mg/L | | 1 | | E300.0 | 06/11/09 14:02 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 502 | umhos/cm | | 1 | | A2510 B | 06/05/09 10:01 / dd |
| pH | 8.49 | s.u. | | 0.01 | | A4500-H B | 06/05/09 10:01 / dd |
| Solids, Total Dissolved TDS @ 180 C | 337 | mg/L | | 10 | | A2540 C | 06/08/09 08:57 / emn |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 14:02 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 06/09/09 14:02 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 14:02 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 16:39 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 14:02 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 14:02 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 14:02 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 16:39 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 14:02 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 14:02 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 14:02 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 14:02 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 14:02 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 14:02 / ts |
| Uranium | 0.0667 | mg/L | | 0.0003 | | E200.8 | 06/09/09 14:02 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 14:02 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 14:02 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 0.17 | mg/L | | 0.03 | | E200.7 | 06/20/09 01:17 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/20/09 01:17 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-003

Client Sample ID: MU-104

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 257 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha precision (±) | 6.7 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta | 87.0 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta precision (±) | 2.9 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Radium 226 | 86 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 226 precision (±) | 2.1 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 226 MDC | 0.25 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 228 | 6.4 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| Radium 228 precision (±) | 1.2 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| Radium 228 MDC | 1.6 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 0.423 | % | | | | Calculation | 06/19/09 07:42 / kbh |
| Anions | 5.09 | meq/L | | | | Calculation | 06/19/09 07:42 / kbh |
| Cations | 5.14 | meq/L | | | | Calculation | 06/19/09 07:42 / kbh |
| Solids, Total Dissolved Calculated | 316 | mg/L | | | | Calculation | 06/19/09 07:42 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 06/19/09 07:42 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-004

Client Sample ID: MO-106

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL_ | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 86 | mg/L | | 1 | | A2320 B | 06/09/09 21:37 / Ijl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 21:37 / Ijl |
| Bicarbonate as HCO3 | 105 | mg/L | | 1 | | A2320 B | 06/09/09 21:37 / ljl |
| Calcium | 49 | mg/L | | 1 | | E200.7 | 06/16/09 15:39 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/11/09 14:48 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 17:47 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/16/09 15:39 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/08/09 14:31 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.15 | mg/L | | 0.05 | | E353.2 | 06/08/09 12:45 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 15:39 / aae |
| Silica | 14.1 | mg/L | | 0.2 | | E200.7 | 06/19/09 16:43 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/16/09 15:39 / aae |
| Sulfate | 116 | mg/L | | 1 | | E300.0 | 06/11/09 14:48 / lji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 428 | umhos/cm | | 1 | | A2510 B | 06/05/09 10:04 / dd |
| pH | 8.25 | s.u. | | 0.01 | | A4500-H B | 06/05/09 10:04 / dd |
| Solids, Total Dissolved TDS @ 180 C | 276 | mg/L | | 10 | | A2540 C | 06/08/09 08:58 / emm |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 14:36 / ts |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 06/09/09 14:36 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 14:36 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 16:43 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 14:36 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 14:36 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 14:36 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 16:43 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 14:36 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 14:36 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 14:36 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 14:36 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 14:36 / ts |
| Selenium | 0.037 | mg/L | | 0.001 | | E200.8 | 06/09/09 14:36 / ts |
| Uranium | 0.359 | mg/L | | 0.0003 | | E200.8 | 06/09/09 14:36 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 14:36 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 14:36 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 0.08 | mg/L | | 0.03 | | E200.7 | 06/20/09 01:21 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/20/09 01:21 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-004

Client Sample ID: MO-106

Report Date: 07/14/09

Collection Date: 06/03/09 DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 378 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha precision (±) | 7.7 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta | 122 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta precision (±) | 3.3 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Radium 226 | 4.9 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 226 precision (±) | 0.50 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 226 MDC | 0.23 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 228 | 3.0 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.36 | % | | | | Calculation | 06/19/09 07:42 / kbh |
| Anions | 4.30 | meq/L | | | | Calculation | 06/19/09 07:42 / kbh |
| Cations | 4.02 | meg/L | | | | Calculation | 06/19/09 07:42 / kbh |
| Solids, Total Dissolved Calculated | 258 | mg/L | | | | Calculation | 06/19/09 07:42 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | _ | | | | Calculation | 06/19/09 07:42 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-005

Client Sample ID: MP-106

Report Date: 07/14/09

Collection Date: 06/03/09 DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 106 | mg/L | | 1 | | A2320 B | 06/09/09 21:44 / IjI |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 21:44 / Ijl |
| Bicarbonate as HCO3 | 130 | mg/L | | 1 | | A2320 B | 06/09/09 21:44 / ljl |
| Calcium | 57 | mg/L | | 1 | | E200.7 | 06/16/09 15:45 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/11/09 15:04 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 17:56 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/16/09 15:45 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/08/09 14:32 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/08/09 12:52 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/16/09 15:45 / aae |
| Silica | 15.5 | mg/L | | 0.2 | | E200.7 | 06/19/09 16:47 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 06/16/09 15:45 / aae |
| Sulfate | 114 | mg/L | | 1 | | E300.0 | 06/11/09 15:04 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 453 | umhos/cm | | 1 | | A2510 B | 06/05/09 10:06 / dd |
| Hq | 7.91 | s.u. | | 0.01 | | A4500-H B | 06/05/09 10:06 / dd |
| Solids, Total Dissolved TDS @ 180 C | 275 | mg/L | | 10 | | A2540 C | 06/08/09 08:59 / emm |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 14:43 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 06/09/09 14:43 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 14:43 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 16:47 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 14:43 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 14:43 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 14:43 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 16:47 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 14:43 / ts |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.8 | 06/09/09 14:43 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 14:43 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 14:43 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 14:43 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 14:43 / ts |
| Uranium | 0.0072 | mg/L | | 0.0003 | | E200.8 | 06/09/09 14:43 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 14:43 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 14:43 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 0.05 | mg/L | | 0.03 | | E200.7 | 06/20/09 01:33 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/20/09 01:33 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-005

Client Sample ID: MP-106

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 24.7 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha precision (±) | 2.2 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta | 12.0 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Radium 226 | 7.0 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 226 precision (±) | 0.59 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 228 | 5.5 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| Radium 228 precision (±) | 1.1 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.92 | % | | | | Calculation | 06/19/09 07:43 / kbh |
| Anions | 4.64 | meq/L | | | | Calculation | 06/19/09 07:43 / kbh |
| Cations | 4.38 | meq/L | | | | Calculation | 06/19/09 07:43 / kbh |
| Solids, Total Dissolved Calculated | 274 | mg/L | | | | Calculation | 06/19/09 07:43 / kbh |
| TDS Balance (0.80 - 1.20) | 1.00 | - | | | | Calculation | 06/19/09 07:43 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-006

Client Sample ID: MU-106

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 117 | mg/L | | 1 | | A2320 B | 06/09/09 21:52 / ljl |
| Carbonate as CO3 | 2 | mg/L | | 1 | | A2320 B | 06/09/09 21:52 / ljl |
| Bicarbonate as HCO3 | 139 | mg/L | | 1 | | A2320 B | 06/09/09 21:52 / Ijl |
| Calcium | 62 | mg/L | | 1 | | E200.7 | 06/16/09 16:08 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/11/09 15:19 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 17:59 / iji |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 16:08 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/08/09 14:33 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/08/09 12:53 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 16:08 / aae |
| Silica | 15.8 | mg/L | | 0.2 | | E200.7 | 06/19/09 16:51 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/16/09 16:08 / aae |
| Sulfate | 122 | mg/L | | 1 | | E300.0 | 06/11/09 15:19 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 485 | umhos/cm | | 1 | | A2510 B | 06/05/09 10:08 / dd |
| pH | 8.37 | s.u. | | 0.01 | | A4500-H B | 06/05/09 10:08 / dd |
| Solids, Total Dissolved TDS @ 180 C | 318 | mg/L | | 10 | | A2540 C | 06/08/09 08:59 / emm |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 14:50 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 06/09/09 14:50 / ts |
| Barjum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 14:50 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 16:51 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 14:50 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 14:50 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 14:50 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 16:51 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 14:50 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 14:50 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 14:50 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 14:50 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 14:50 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 14:50 / ts |
| Uranium | 0.0701 | mg/L | | 0.0003 | | E200.8 | 06/09/09 14:50 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 14:50 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 14:50 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/20/09 01:41 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/20/09 01:41 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-006

Client Sample ID: MU-106

Report Date: 07/14/09 Collection Date: 06/03/09 DateReceived: 06/04/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 521 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha precision (±) | 9.4 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta | 202 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta precision (±) | 4.0 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Radium 226 | 297 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 226 precision (±) | 3.9 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 226 MDC | 0.24 | pCi/L | | | | E903.0 | 06/20/09 22:25 / jah |
| Radium 228 | 5.7 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| Radium 228 precision (±) | 1.2 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| Radium 228 MDC | 1.6 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.98 | % | | | | Calculation | 06/19/09 07:45 / kbh |
| Anions | 5.03 | meq/L | | | | Calculation | 06/19/09 07:45 / kbh |
| Cations | 4.74 | meq/L | | | | Calculation | 06/19/09 07:45 / kbh |
| Solids, Total Dissolved Calculated | 296 | mg/L | | | | Calculation | 06/19/09 07:45 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 06/19/09 07:45 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-007

Client Sample ID: MO-107

Report Date: 07/14/09

Collection Date: 06/03/09 DateReceived: 06/04/09

Matrix: Aqueous

| | _ | | | | MCL/ | | |
|-------------------------------------|--------------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 104 | mg/L | | 1 | | A2320 B | 06/09/09 21:59 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 21:59 / ljl |
| Bicarbonate as HCO3 | 1 2 7 | mg/L | | 1 | | A2320 B | 06/09/09 21:59 / iji |
| Calcium | 57 | mg/L | | 1 | | E200.7 | 06/16/09 16:13 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/11/09 15:34 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 18:01 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 16:13 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/08/09 14:37 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 80.0 | mg/L | | 0.05 | | E353.2 | 06/08/09 12:54 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/16/09 16:13 / aae |
| Silica | 14.3 | mg/L | | 0.2 | | E200.7 | 06/19/09 16:55 / cp |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 06/16/09 16:13 / aae |
| Sulfate | 116 | mg/L | | 1 | | E300.0 | 06/11/09 15:34 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 456 | umhos/cm | | 1 | | A2510 B | 06/05/09 10:10 / dd |
| pH | 7.93 | s.u. | | 0.01 | | A4500-H B | 06/05/09 10:10 / dd |
| Solids, Total Dissolved TDS @ 180 C | 300 | mg/L | | 10 | | A2540 C | 06/08/09 09:00 / emm |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 15:10 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 06/09/09 15:10 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 15:10 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 16:55 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 15:10 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 15:10 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 15:10 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 16:55 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 15:10 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 15:10 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 15:10 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 15:10 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 15:10 / ts |
| Selenium | 0.022 | mg/L | | 0.001 | | E200.8 | 06/09/09 15:10 / ts |
| Uranium | 0.419 | mg/L | (| 0.0003 | | E200.8 | 06/09/09 15:10 / ts |
| Vanad ium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 15:10 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 15:10 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/20/09 01:46 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/20/09 01:46 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-007

Client Sample ID: MO-107

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 408 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha precision (±) | 8.1 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta | 98.7 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta precision (±) | 3.0 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Radium 226 | 5.1 | pCi/L | | | | E903.0 | 06/20/09 23:58 / jah |
| Radium 226 precision (±) | 0.50 | pCi/L | | | | E903.0 | 06/20/09 23:58 / jah |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 06/20/09 23:58 / jah |
| Radium 228 | 2.0 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| Radium 228 MDC | 1.5 | pCi/L | | | | RA-05 | 06/16/09 09:36 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.834 | % | | | | Calculation | 06/19/09 07:45 / kbh |
| Anions | 4.64 | meg/L | | | | Calculation | 06/19/09 07:45 / kbh |
| Cations | 4.56 | meq/L | | | | Calculation | 06/19/09 07:45 / kbh |
| Solids, Total Dissolved Calculated | 278 | mg/L | | | | Calculation | 06/19/09 07:45 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | - | | | | Calculation | 06/19/09 07:45 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-008

Client Sample ID: MP-107

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 122 | mg/L | | 1 | | A2320 B | 06/09/09 22:06 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 22:06 / ljl |
| Bicarbonate as HCO3 | 149 | mg/L | | 1 | | A2320 B | 06/09/09 22:06 / ljl |
| Calcium | 40 | mg/L | | 1 | | E200.7 | 06/19/09 17:07 / cp |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/27/09 16:29 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 18:05 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/19/09 17:07 / cp |
| Nitrogen, Ammonia as N | ПN | mg/L | | 0.05 | | E350.1 | 06/08/09 14:40 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.05 | mg/L | | 0.05 | | E353.2 | 06/08/09 12:56 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/19/09 17:07 / cp |
| Silica | 14.7 | mg/L | | 0.2 | | E200.7 | 06/19/09 17:07 / cp |
| Sodium | 57 | mg/L | | 1 | | E200.7 | 06/19/09 17:07 / cp |
| Sulfate | 131 | mg/L | | 1 | | E300.0 | 06/27/09 16:29 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 523 | umhos/cm | | 1 | | A2510 B | 06/05/09 10:13 / dd |
| pH | 7.99 | s.u. | | 0.01 | | A4500-H B | 06/05/09 10:13 / dd |
| Solids, Total Dissolved TDS @ 180 C | 355 | mg/L | | 10 | | A2540 C | 06/08/09 09:01 / emm |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 15:17 / ts |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 06/09/09 15:17 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 15:17 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 17:07 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 15:17 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 15:17 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 15:17 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 17:07 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 15:17 / ts |
| Manganese | 0.04 | mg/L | | 0.01 | | E200.8 | 06/09/09 15:17 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 15:17 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 15:17 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 15:17 / ts |
| Selenium | 0.013 | mg/L | | 0.001 | | E200.8 | 06/09/09 15:17 / ts |
| Uranium | 0.0993 | mg/L | | 0.0003 | | E200.8 | 06/09/09 15:17 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 15:17 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 15:17 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 0.63 | mg/L | | 0.03 | | E200.7 | 06/20/09 02:02 / cp |
| Manganese | 0.07 | mg/L | | 0.01 | | E200.7 | 06/20/09 02:02 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-008

Client Sample ID: MP-107

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---------------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 162 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha precision (±) | 5.3 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha MDC | 1.5 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta | 36.7 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta precision (±) | 2.3 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Radium 226 | 3.5 | pCi/L | | | | E903.0 | 06/16/09 09:09 / jah |
| Radium 226 precision (±) | 0.41 | pCi/L | | | | E903.0 | 06/16/09 09:09 / jah |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 06/16/09 09:09 / jah |
| Radium 228 | 0.3 | pCi/L | U | | | RA-05 | 06/12/09 10:58 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/12/09 10:58 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/12/09 10:58 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -6.91 | % | | | | Calculation | 06/29/09 11:52 / kbh |
| Anions | 5.33 | meq/L | | | | Calculation | 06/29/09 11:52 / kbh |
| Cations | 4.64 | meq/L | | | | Calculation | 06/29/09 11:52 / kbh |
| Solids, Total Dissolved Calculated | 328 | mg/L | | | | Calculation | 06/29/09 11:52 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | | | | | Calculation | 06/29/09 11:52 / kbh |
| The Anien / Cation balance was confirmed by | v re_analyeie | | | | | | |

⁻ The Anion / Cation balance was confirmed by re-analysis.

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit. MDC - Minimum detectable concentration MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-009

Client Sample ID: MU-107

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses _ | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 97 | mg/L | | 1 | | A2320 B | 06/09/09 22:14 / Ijl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 22:14 / ljl |
| Bicarbonate as HCO3 | 118 | mg/L | | 1 | | A2320 B | 06/09/09 22:14 / Iji |
| Calcium | 53 | mg/L | | 1 | | E200.7 | 06/16/09 16:30 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/11/09 16:05 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 18:08 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/16/09 16:30 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/08/09 14:41 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/08/09 12:57 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 16:30 / aae |
| Silica | 15.7 | mg/L | | 0.2 | | E200.7 | 06/19/09 18:04 / cp |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 06/16/09 16:30 / aae |
| Sulfate | 119 | mg/L | | 1 | | E300.0 | 06/11/09 16:05 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 447 | umhos/cm | | 1 | | A2510 B | 06/05/09 10:16 / dd |
| pH | 8.07 | s.u. | | 0.01 | | A4500-H B | 06/05/09 10:16 / dd |
| Solids, Total Dissolved TDS @ 180 C | 286 | mg/L | | 10 | | A2540 C | 06/08/09 09:01 / emr |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 15:24 / ts |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 06/09/09 15:24 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 15:24 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 18:04 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 15:24 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 15:24 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 15:24 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 18:04 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 15:24 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 15:24 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 15:24 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 15:24 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 15:24 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 15:24 / ts |
| Uranium | 0.0157 | mg/L | | 0.0003 | | E200.8 | 06/09/09 15:24 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 15:24 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 15:24 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/20/09 02:06 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/20/09 02:06 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-009

Client Sample ID: MU-107

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 47.1 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha precision (±) | 2.8 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta | 18.9 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Radium 226 | 9.6 | pCi/L | | | | E903.0 | 06/25/09 15:50 / trs |
| Radium 226 precision (±) | 0.61 | pCi/L | | | | E903.0 | 06/25/09 15:50 / trs |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/25/09 15:50 / trs |
| Radium 228 | 5.0 | pCi/L | | | | RA-05 | 06/16/09 14:42 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/16/09 14:42 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 06/16/09 14:42 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.98 | % | | | | Calculation | 06/19/09 07:47 / kbh |
| Anions | 4.56 | meq/L | | | | Calculation | 06/19/09 07:47 / kbh |
| Cations | 4.38 | meq/L | | | | Calculation | 06/19/09 07:47 / kbh |
| Solids, Total Dissolved Calculated | 274 | mg/L | | | | Calculation | 06/19/09 07:47 / kbh |
| TDS Balance (0.80 - 1.20) | 1.04 | - | | | | Calculation | 06/19/09 07:47 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-010

Client Sample ID: M-133

Report Date: 07/14/09 Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 94 | mg/L | | 1 | | A2320 B | 06/09/09 22:20 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 22:20 / ljl |
| Bicarbonate as HCO3 | 114 | mg/L | | 1 | | A2320 B | 06/09/09 22:20 / ljl |
| Calcium | 52 | mg/L | | 1 | | E200.7 | 06/16/09 16:35 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/11/09 16:21 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 18:24 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/16/09 16:35 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/08/09 14:43 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/08/09 12:58 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 16:35 / aae |
| Silica | 15.9 | mg/L | | 0.2 | | E200.7 | 06/19/09 18:08 / cp |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 06/16/09 16:35 / aae |
| Sulfate | 118 | mg/L | | 1 | | E300.0 | 06/11/09 16:21 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 448 | umhos/cm | | 1 | | A2510 B | 06/05/09 10:18 / dd |
| pH | 8.11 | s.u. | | 0.01 | | A4500-H B | 06/05/09 10:18 / dd |
| Solids, Total Dissolved TDS @ 180 C | 285 | mg/L | | 10 | | A2540 C | 06/08/09 09:01 / emm |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 15:30 / ts |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 06/09/09 15:30 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 15:30 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 18:08 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 15:30 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 15:30 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 15:30 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 18:08 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 15:30 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 15:30 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 15:30 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 15:30 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 15:30 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 15:30 / ts |
| Uranium | 0.0155 | mg/L | | 0.0003 | | E200.8 | 06/09/09 15:30 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 15:30 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | E200.8 | 06/09/09 15:30 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/20/09 02:10 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/20/09 02:10 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level. ND - Not detected at the reporting limit.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-010

Client Sample ID: M-133

Report Date: 07/14/09

Collection Date: 06/03/09 DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 45.1 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha precision (±) | 2.8 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta | 18.7 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/26/09 03:37 / cgr |
| Radium 226 | 8.4 | pCi/L | | | | E903.0 | 06/25/09 15:50 / trs |
| Radium 226 precision (±) | 0.58 | pCi/L | | | | E903.0 | 06/25/09 15:50 / trs |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/25/09 15:50 / trs |
| Radium 228 | 5.1 | pCi/L | | | | RA-05 | 06/16/09 14:42 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/16/09 14:42 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 06/16/09 14:42 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.39 | % | | | | Calculation | 06/19/09 07:47 / kbh |
| Anions | 4.47 | meq/L | | | | Calculation | 06/19/09 07:47 / kbh |
| Cations | 4.26 | meq/L | | | | Calculation | 06/19/09 07:47 / kbh |
| Solids, Total Dissolved Calculated | 269 | mg/L | | | | Calculation | 06/19/09 07:47 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | • | | | | Calculation | 06/19/09 07:47 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-011

Client Sample ID: MO-108

Report Date: 07/14/09

Collection Date: 06/03/09 DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | • | | · | |
| Alkalinity, Total as CaCO3 | 103 | mg/L | | 1 | | A2320 B | 06/09/09 22:27 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 22:27 / ljl |
| Bicarbonate as HCO3 | 126 | mg/L | | 1 | | A2320 B | 06/09/09 22:27 / ljl |
| Calcium | 58 | mg/L | | 1 | | E200.7 | 06/16/09 16:41 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/11/09 17:07 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 18:27 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 16:41 / aae |
| Nitrogen, Ammonia as N | 0.14 | mg/L | | 0.05 | | E350.1 | 06/08/09 14:44 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/08/09 13:05 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/16/09 16:41 / aae |
| Silica | 14.1 | mg/L | | 0.2 | | E200.7 | 06/19/09 18:12 / cp |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 06/16/09 16:41 / aae |
| Sulfate | 127 | mg/L | | 1 | | E300.0 | 06/11/09 17:07 / ljil |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 473 | umhos/cm | | 1 | | A2510 B | 06/05/09 10:22 / dd |
| pH | 7.94 | s.u. | | 0.01 | | A4500-H B | 06/05/09 10:22 / dd |
| Solids, Total Dissolved TDS @ 180 C | 310 | mg/L | | 10 | | A2540 C | 06/08/09 09:01 / emr |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:04 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 16:04 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:04 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 18:12 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 16:04 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 16:04 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 16:04 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 18:12 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 16:04 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 06/09/09 16:04 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 16:04 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:04 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 16:04 / ts |
| Selenium | 0.005 | mg/L | | 0.001 | | E200.8 | 06/09/09 16:04 / ts |
| Uranium | 0.334 | mg/L | 1 | 0.0003 | | E200.8 | 06/09/09 16:04 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:04 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 16:04 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/20/09 02:14 / cp |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 06/20/09 02:14 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-011

Client Sample ID: MO-108

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 290 | pCi/L | | | | E900.0 | 06/27/09 10:34 / cgr |
| Gross Alpha precision (±) | 6.9 | pCi/L | | | | E900.0 | 06/27/09 10:34 / cgr |
| Gross Alpha MDC | 1.4 | pCi/L | | | | E900.0 | 06/27/09 10:34 / cgr |
| Gross Beta | 91.4 | pCi/L | | | | E900.0 | 06/27/09 10:34 / cgr |
| Gross Beta precision (±) | 3.0 | pCi/L | | | | E900.0 | 06/27/09 10:34 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/27/09 10:34 / cgr |
| Radium 226 | 3.4 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 226 precision (±) | 0.40 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 228 | 4.7 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.93 | % | | | | Calculation | 06/19/09 07:48 / kbh |
| Anions | 4.86 | meq/L | | | | Calculation | 06/19/09 07:48 / kbh |
| Cations | 4.59 | meq/L | | | | Calculation | 06/19/09 07:48 / kbh |
| Solids, Total Dissolved Calculated | 289 | mg/L | | | | Calculation | 06/19/09 07:48 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | - | | | | Calculation | 06/19/09 07:48 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-012

Client Sample ID: MP-108

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | ··· · · = | | | | |
| Alkalinity, Total as CaCO3 | 110 | mg/L | | 1 | | A2320 B | 06/09/09 22:50 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 22:50 / ljl |
| Bicarbonate as HCO3 | 134 | mg/L | | 1 | | A2320 B | 06/09/09 22:50 / ljl |
| Calcium | 65 | mg/L | | 1 | | E200.7 | 06/16/09 16:46 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/11/09 17:22 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 18:29 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 16:46 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/08/09 14:45 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/08/09 13:06 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/16/09 16:46 / aae |
| Silica | 15.8 | mg/L | | 0.2 | | E200.7 | 06/19/09 18:16 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 06/16/09 16:46 / aae |
| Sulfate | 144 | mg/L | | 1 | | E300.0 | 06/11/09 17:22 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 520 | umhos/cm | | 1 | | A2510 B | 06/05/09 10:25 / dd |
| pH | 7.88 | s.u. | | 0.01 | | A4500-H B | 06/05/09 10:25 / dd |
| Solids, Total Dissolved TDS @ 180 C | 343 | mg/L | | 10 | | A2540 C | 06/08/09 09:02 / emm |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:11 / ts |
| Arsenic | 0.007 | mg/L | | 0.001 | | E200.8 | 06/09/09 16:11 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:11 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 18:16 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 16:11 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 16:11 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 16:11 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 18:16 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 16:11 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 06/09/09 16:11 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 16:11 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:11 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 16:11 / ts |
| Selenium | 0.006 | mg/L | | 0.001 | | E200.8 | 06/09/09 16:11 / ts |
| Uranium | 0.151 | mg/L | | 0.0003 | | E200.8 | 06/09/09 16:11 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:11 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 16:11 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/20/09 02:18 / cp |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 06/20/09 02:18 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-012

Client Sample ID: MP-108

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|--------------|--------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | = | " | | | | <u> </u> |
| Gross Alpha | 325 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Alpha precision (±) | 8.2 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta | 119 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta precision (±) | 3.0 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Radium 226 | 76 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 226 precision (±) | 1.8 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 228 | 3.6 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.58 | % | | | | Calculation | 06/19/09 07:48 / kbh |
| Anions | 5.35 | meg/L | | | | Calculation | 06/19/09 07:48 / kbh |
| Cations | 4.88 | meg/L | | | | Calculation | 06/19/09 07:48 / kbh |
| Solids, Total Dissolved Calculated | 316 | mg/L | | | | Calculation | 06/19/09 07:48 / kbh |
| TDS Balance (0.80 - 1.20) | 1.09 | - | | | | Calculation | 06/19/09 07:48 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-013

Client Sample ID: MO-109

Report Date: 07/14/09

Collection Date: 06/03/09 DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|-------------|--------------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | , | | | | |
| Alkalinity, Total as CaCO3 | 107 | mg/L | | 1 | | A2320 B | 06/09/09 22:57 / Ijl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 22:57 / lil |
| Bicarbonate as HCO3 | 131 | mg/L | | 1 | | A2320 B | 06/09/09 22:57 / Ijl |
| Calcium | 58 | mg/L | | 1 | | E200.7 | 06/16/09 17:20 / aae |
| Chloride | 7 | mg/L | | 1 | | E300.0 | 06/11/09 17:38 / Ijl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 18:32 / Ijl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 17:20 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/08/09 14:46 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.18 | mg/L | | 0.05 | | E353,2 | 06/08/09 13:08 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 17:20 / aae |
| Silica | 14.8 | mg/L | | 0.2 | | E200.7 | 06/19/09 18:20 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 06/16/09 17:20 / aae |
| Suifate | 124 | mg/L | | 1 | | E300.0 | 06/11/09 17:38 / Ijl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 481 | umhos/cm | | 1 | | A2510 B | 06/05/09 10:28 / dd |
| pH | 7.93 | s.u. | | 0.01 | | A4500-H B | 06/05/09 10:28 / dd |
| Solids, Total Dissolved TDS @ 180 C | 318 | mg/L | | 10 | | A2540 C | 06/08/09 09:02 / emm |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:18 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 16:18 / ts |
| Barjum | ND | | | 0.001 | | E200.8 | 06/09/09 16:18 / ts |
| Boron | ND ND | mg/L mg/L | | 0.1 | | E200.7 | 06/19/09 18:20 / cp |
| Cadmium | ND | - | | 0.005 | | E200.8 | 06/09/09 16:18 / ts |
| Chromium | ND | mg/L mg/L | | 0.005 | | E200.8 | 06/09/09 16:18 / ts |
| | ND | mg/L | | 0.03 | | E200.8 | 06/09/09 16:18 / ts |
| Copper Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 18:20 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.7 | 06/09/09 16:18 / ts |
| | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 16:18 / ts |
| Manganese Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 16:18 / ts |
| - | ND | | | 0.001 | | E200.8 | 06/09/09 16:18 / ts |
| Molybdenum Nickel | ND ND | mg/L mg/L | | 0.05 | | E200.8 | 06/09/09 16:18 / ts |
| | 0.027 | _ | | 0.001 | | E200.8 | 06/09/09 16:18 / ts |
| Selenium | 0.027 | mg/L | | 0.0003 | | E200.8 | 06/09/09 16:18 / ts |
| Uranium Vonadium | 0.397 ND | mg/L | , | 0.0003 | | E200.8 | 06/09/09 16:18 / ts |
| Vanadium Zinc | ND | mg/L mg/L | | 0.01 | | E200.8 | 06/09/09 16:18 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/20/09 02:22 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/20/09 02:22 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-013

Client Sample ID: MO-109

Report Date: 07/14/09

Collection Date: 06/03/09 DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---------------------------------------|--------|--------|--------------|----|-------------|-------------|---------------------------------------|
| · · · · · · · · · · · · · · · · · · · | | Office | - Qualifiers | | | 177021104 | · · · · · · · · · · · · · · · · · · · |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 443 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Alpha precision (±) | 9.4 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta | 122 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta precision (±) | 3.1 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Radium 226 | 2.8 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 226 precision (±) | 0.35 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 228 | 3.9 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 MDC | 1.1 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.92 | % | | | | Calculation | 06/19/09 07:49 / kbh |
| Anions | 4.94 | meg/L | | | | Calculation | 06/19/09 07:49 / kbh |
| Cations | 4.48 | meg/L | | | | Calculation | 06/19/09 07:49 / kbh |
| Solids, Total Dissolved Calculated | 289 | mg/L | | | | Calculation | 06/19/09 07:49 / kbh |
| TDS Balance (0.80 - 1.20) | 1.10 | | | | | Calculation | 06/19/09 07:49 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-014

Client Sample ID: MP-109

Report Date: 07/14/09 Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 239 | mg/L | | 1 | | A2320 B | 06/09/09 23:14 / ljl |
| Carbonate as CO3 | 36 | mg/L | | 1 | | A2320 B | 06/09/09 23:14 / ljl |
| Bicarbonate as HCO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 23:14 / Iji |
| Calcium | 113 | mg/L | | 1 | | E200.7 | 06/19/09 18:24 / cp |
| Chloride | 25 | mg/L | | 1 | | E300.0 | 06/11/09 17:53 / Iji |
| Fluoride | 0.3 | mg/L | | 0.1 | | A4500-F C | 06/08/09 18:36 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/19/09 18:24 / cp |
| Nitrogen, Ammonia as N | 0.50 | mg/L | | 0.05 | | E350.1 | 06/08/09 14:47 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/08/09 13:09 / eli-b |
| Potassium | 30 | mg/L | | 1 | | E200.7 | 06/19/09 18:24 / cp |
| Silica | 8.8 | mg/L | | 0.2 | | E200.7 | 06/19/09 18:24 / cp |
| Sodium | 39 | mg/L | | 1 | | E200.7 | 06/19/09 18:24 / cp |
| Sulfate | 98 | mg/L | | 1 | | E300.0 | 06/11/09 17:53 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 1560 | umhos/cm | | 1 | | A2510 B | 06/05/09 10:31 / dd |
| pH | 11.9 | S.U. | | 0.01 | | A4500-H B | 06/05/09 10:31 / dd |
| Solids, Total Dissolved TDS @ 180 C | 518 | mg/L | | 10 | | A2540 C | 06/08/09 09:02 / emn |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | 0.7 | mg/L | | 0.1 | | E200.8 | 06/09/09 16:25 / ts |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 06/09/09 16:25 / ts |
| Barjum | 0.2 | mg/L | | 0.1 | | E200.8 | 06/09/09 16:25 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 18:24 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 16:25 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 16:25 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 16:25 / ts |
| fron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 18:24 / cp |
| Lead | 0.002 | mg/L | | 0.001 | | E200.8 | 06/09/09 16:25 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 16:25 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 16:25 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:25 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 16:25 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 16:25 / ts |
| Uranium | 0.0141 | mg/L | (| 0.0003 | | E200.8 | 06/09/09 16:25 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:25 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 16:25 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/20/09 02:38 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/20/09 02:38 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-014

Client Sample ID: MP-109

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 52.5 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Alpha precision (±) | 5.3 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Alpha MDC | 3.8 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta | 46.0 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta precision (±) | 4.2 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta MDC | 5.7 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Radium 226 | 30 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 226 precision (±) | 1.1 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 228 | 6.0 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 3.79 | % | | | | Calculation | 06/23/09 10:05 / kbh |
| Anions | 7.55 | meq/L | | | | Calculation | 06/23/09 10:05 / kbh |
| Cations | 8.14 | meq/L | | | | Calculation | 06/23/09 10:05 / kbh |
| Solids, Total Dissolved Calculated | 460 | mg/L | | | | Calculation | 06/23/09 10:05 / kbh |
| TDS Balance (0.80 - 1.20) | 1.13 | _ | | | | Calculation | 06/23/09 10:05 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-015

Client Sample ID: MU-109

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifiers I | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|--------------|-------------|-----------|------------------------|
| MAJOR IONS | | · | | | | |
| Alkalinity, Total as CaCO3 | 99 | mg/L | | 1 | A2320 B | 06/09/09 23:22 / lil |
| Carbonate as CO3 | 8 | mg/L | | 1 | A2320 B | 06/09/09 23:22 / ljl |
| Bicarbonate as HCO3 | 104 | mg/L | | 1 | A2320 B | 06/09/09 23:22 / ljl |
| Calcium | 49 | mg/L | | 1 | E200.7 | 06/16/09 17:31 / aae |
| Chloride | 6 | mg/L | | 1 | E300.0 | 06/11/09 18:39 / ljl |
| Fluoride | 0.1 | mg/L | 0 | .1 | A4500-F C | 06/08/09 18:49 / ljl |
| Magnesium | ND | mg/L | | 1 | E200.7 | 06/16/09 17:31 / aae |
| Nitrogen, Ammonia as N | 0.11 | mg/L | | 05 | E350.1 | 06/08/09 14:51 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 05 | E353.2 | 06/08/09 13:10 / eli-b |
| Potassium | 8 | mg/L | | 1 | E200.7 | 06/16/09 17:31 / aae |
| Silica | 15.8 | mg/L | | .2 | E200.7 | 06/19/09 18:28 / cp |
| Sodium | 30 | mg/L | | 1 | E200.7 | 06/16/09 17:31 / aae |
| Sulfate | 109 | mg/L | | 1 | E300.0 | 06/11/09 18:39 / ljl |
| PHYSICAL PROPERTIES | | | | | | |
| Conductivity | 442 | umhos/cm | | 1 | A2510 B | 06/05/09 10:33 / dd |
| pH | 8.98 | s.u. | 0. | 01 | A4500-H B | 06/05/09 10:33 / dd |
| Solids, Total Dissolved TDS @ 180 C | 293 | mg/L | 1 | 0 | A2540 C | 06/08/09 09:04 / emn |
| METALS - DISSOLVED | | | | | | |
| Aluminum | ND | mg/L | 0 | .1 | E200.8 | 06/09/09 16:31 / ts |
| Arsenic | 0.005 | mg/L | 0.0 | 001 | E200.8 | 06/09/09 16:31 / ts |
| Barium | ND | mg/L | 0 | .1 | E200.8 | 06/09/09 16:31 / ts |
| Boron | ND | mg/L | 0 | .1 | E200.7 | 06/19/09 18:28 / cp |
| Cadmium | ND | mg/L | 0.0 | 005 | E200.8 | 06/09/09 16:31 / ts |
| Chromium | ND | mg/L | 0. | 05 | E200.8 | 06/09/09 16:31 / ts |
| Copper | ND | mg/L | 0. | 01 | E200.8 | 06/09/09 16:31 / ts |
| Iron | ND | mg/L | 0. | 03 | E200.7 | 06/19/09 18:28 / cp |
| Lead | ND | mg/L | 0.0 | 001 | E200.8 | 06/09/09 16:31 / ts |
| Manganese | ND | mg/L | 0. | 01 | E200.8 | 06/09/09 16:31 / ts |
| Mercury | ND | mg/L | 0.0 | 001 | E200.8 | 06/09/09 16:31 / ts |
| Molybdenum | ND | mg/L | 0 | .1 | E200.8 | 06/09/09 16:31 / ts |
| Nickel | ND | mg/L | 0. | 05 | E200.8 | 06/09/09 16:31 / ts |
| Selenium | ND | mg/L | 0.0 | 001 | E200.8 | 06/09/09 16:31 / ts |
| Uranium | 0.0117 | mg/L | 0.0 | 003 | E200.8 | 06/09/09 16:31 / ts |
| Vanadium | ND | mg/L | 0 | .1 | E200.8 | 06/09/09 16:31 / ts |
| Zinc | ND | mg/L | 0. | 01 | E200.8 | 06/09/09 16:31 / ts |
| METALS - TOTAL | | | | | | |
| Iron | ND | mg/L | 0. | 03 | E200.7 | 06/20/09 02:50 / cp |
| Manganese | ND | mg/L | | 01 | E200.7 | 06/20/09 02:50 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-015

Client Sample ID: MU-109

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | · · - | | - | | | |
| Gross Alpha | 18.2 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Alpha precision (±) | 2.1 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta | 8.1 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta precision (±) | 1.7 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Radium 226 | 3.2 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 226 precision (±) | 0.37 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 228 | 5.9 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.37 | % | | | | Calculation | 06/19/09 07:55 / kbh |
| Anions | 4.43 | meq/L | | | | Calculation | 06/19/09 07:55 / kbh |
| Cations | 4.06 | meg/L | | | | Calculation | 06/19/09 07:55 / kbh |
| Solids, Total Dissolved Calculated | 263 | mg/L | | | | Calculation | 06/19/09 07:55 / kbh |
| TDS Balance (0.80 - 1.20) | 1.11 | • | | | | Calculation | 06/19/09 07:55 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-016

Client Sample ID: MP-113

Report Date: 07/14/09

Collection Date: 06/03/09 DateReceived: 06/04/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|-------------------------------------|--------|----------|------------|--------|------|-----------|------------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| MAJOR IONS | | | | | | , | |
| Alkalinity, Total as CaCO3 | 105 | mg/L | | 1 | | A2320 B | 06/09/09 23:29 / ljl |
| Carbonate as CO3 | 5 | mg/L | | 1 | | A2320 B | 06/09/09 23:29 / ljl |
| Bicarbonate as HCO3 | 118 | mg/L | | 1 | | A2320 B | 06/09/09 23:29 / Ijl |
| Calcium | 63 | mg/L | | 1 | | E200.7 | 06/16/09 17:36 / aae |
| Chloride | 11 | mg/L | | 1 | | E300.0 | 06/11/09 18:55 / Ijl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 18:52 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/16/09 17:36 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/08/09 14:55 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/08/09 13:11 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/16/09 17:36 / aae |
| Silica | 13.7 | mg/L | | 0.2 | | E200.7 | 06/19/09 18:32 / cp |
| Sodium | 35 | mg/L | | 1 | | E200.7 | 06/16/09 17:36 / aae |
| Sulfate | 146 | mg/L | | 1 | | E300.0 | 06/11/09 18:55 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 531 | umhos/cm | | 1 | | A2510 B | 06/05/09 10:34 / dd |
| pH | 8.57 | s.u. | | 0.01 | | A4500-H B | 06/05/09 10:34 / dd |
| Solids, Total Dissolved TDS @ 180 C | 371 | mg/L | | 10 | | A2540 C | 06/08/09 09:04 / emm |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:38 / ts |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 06/09/09 16:38 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:38 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 18:32 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 16:38 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 16:38 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 16:38 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 18:32 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 16:38 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 16:38 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 16:38 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:38 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 16:38 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 16:38 / ts |
| Uranium | 0.142 | mg/L | (| 0.0003 | | E200.8 | 06/09/09 16:38 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:38 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 16:38 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/20/09 02:58 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/20/09 02:58 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-016

Client Sample ID: MP-113

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 1050 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Alpha precision (±) | 14.8 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Alpha MDC | 1.8 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta | 351 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta precision (±) | 4.8 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Radium 226 | 568 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 226 precision (±) | 4.7 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 228 | 5.8 | pÇi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.46 | % | | | | Calculation | 06/19/09 07:56 / kbh |
| Anions | 5.43 | meq/L | | | | Calculation | 06/19/09 07:56 / kbh |
| Cations | 4.96 | meq/L | | | | Calculation | 06/19/09 07:56 / kbh |
| Solids, Total Dissolved Calculated | 323 | mg/L | | | | Calculation | 06/19/09 07:56 / kbh |
| TDS Balance (0.80 - 1.20) | 1.15 | - | | | | Calculation | 06/19/09 07:56 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-017

Client Sample ID: M-134

Report Date: 07/14/09

Collection Date: 06/03/09 DateReceived: 06/04/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|----------|--------------|------------|--------------|-------------|------------------|------------------------|
| | | J.II.60 | | | | | |
| MAJOR IONS | _ | _ | _ | _ | | | |
| Alkalinity, Total as CaCO3 | 2 | mg/L | В | 1 | | A2320 B | 06/09/09 23:34 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 23:34 / ljl |
| Bicarbonate as HCO3 | 3 | mg/L | В | 1 | | A2320 B | 06/09/09 23:34 / Iji |
| Calcium | ND | mg/L | | 1 | | E200.7 | 06/16/09 17:42 / aae |
| Chloride | ND | mg/L | | 1 | | E300.0 | 06/11/09 19:10 / IjI |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 06/08/09 18:59 / Ijl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/16/09 17:42 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/08/09 14:56 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/08/09 13:02 / eli-b |
| Potassium | ND | mg/L | | 1 | | E200.7 | 06/16/09 17:42 / aae |
| Silica | ND | mg/L | | 0.2 | | E200.7 | 06/19/09 18:36 / cp |
| Sodium | ND | mg/L | | 1 | | E200.7 | 06/16/09 17:42 / aae |
| Sulfate | ND | mg/L | | 1 | | E300.0 | 06/11/09 19:10 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 1 | umhos/cm | | 1 | | A2510 B | 06/05/09 10:39 / dd |
| pH | 6.00 | s.u. | | 0.01 | | A4500-H B | 06/05/09 10:39 / dd |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | | 10 | | A2540 C | 06/08/09 09:04 / emm |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:59 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 16:59 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:59 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 18:36 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 16:59 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 16:59 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 16:59 / ts |
| ron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 18:36 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 16:59 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 16:59 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 16:59 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 16:59 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 16:59 / ts |
| Selenium | ND | • | | 0.001 | | E200.8 | 06/09/09 16:59 / ts |
| Uranium Uranium | ND | mg/L mg/l | | 0.0001 | | E200.8 | 06/09/09 16:59 / ts |
| | ND | mg/L | ' | 0.0003 | | E200.8 | 06/09/09 16:59 / ts |
| Vanadium Zinc | ND | mg/L mg/L | | 0.01 | | E200.8 | 06/09/09 16:59 / ts |
| METALS - TOTAL | | | | | | | |
| | ND | ma/l | | 0.03 | | E200.7 | 06/20/09 03:03 / cp |
| | | • | | | | | 06/20/09 03:03 / cp |
| Iron Manganese | ND ND | mg/L mg/L | | 0.03 0.01 | | E200.7 E200.7 | |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060201-017

Client Sample ID: M-134

Report Date: 07/14/09

Collection Date: 06/03/09

DateReceived: 06/04/09 Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---------------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 0.2 | pCi/L | U | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Alpha MDC | 1 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta | -2 | pCi/L | U | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta precision (±) | 1.4 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Radium 226 | -0.1 | pCi/L | U | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 226 precision (±) | 0.08 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 226 MDC | 0.18 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 228 | 1.8 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 MDC | 1 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -85.6 | % | | | | Calculation | 06/19/09 07:57 / kbh |
| Anions | 0.0488 | meq/L | | | | Calculation | 06/19/09 07:57 / kbh |
| Cations | 0.00378 | meg/L | | | | Calculation | 06/19/09 07:57 / kbh |
| - The ion balance is not appropriate for near b | lank results. | • | | | | | |

The ion balance is not appropriate for near blank results.



Client: UR Energy USA Inc

Report Date: 07/11/09

Project: Lost Creek

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-------------|----------------|---------------------|------|------|------------|---------------|----------|------------|-----------|
| Method: A2320 B | , | <u></u> | | | | | · · · · · | | Batch: | R11933 |
| Sample ID: MBLK | <u>3</u> Me | thod Blank | | | | Run: MANT | ECH_090609A | | 06/09/ | /09 14:16 |
| Alkalinity, Total as CaCO3 | | 3 | mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | | ND | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | | 3 | mg/L | 1 | | | | | | |
| Sample ID: LCS1 | Lat | ooratory Con | trol Sample | | | Run: MANT | ECH_090609A | | 06/09 | /09 14:31 |
| Alkalinity, Total as CaCO3 | | 205 | mg/L | 5.0 | 101 | 90 | 110 | | | |
| Sample ID: LCS | Lat | oratory Con | trol Sample | | | Run: MANT | ECH_090609A | | 06/09 | /09 14:38 |
| Alkalinity, Total as CaCO3 | | 53.5mg | g/L | 5.0 | 102 | 90 | 110 | | | |
| Sample ID: C09060201-001AMS | Sai | mple Matrix | Spike | | | Run: MANT | ECH_090609A | | 06/09/ | /09 20:44 |
| Alkalinity, Total as CaCO3 | | 248 | mg/L | 5.0 | 99 | 80 | 120 | | | |
| Sample ID: C09060201-001AMSD |) Sai | mple Matrix | Spike Duplicate | | | Run: MANT | ECH_090609A | | 06/09/ | /09 20:51 |
| Alkalinity, Total as CaCO3 | | 245 | mg/L | 5.0 | 97 | 80 | 120 | 1.2 | 20 | |
| Sample ID: C09060201-011AMS | Sai | mple Matrix | Spike | | | Run: MANT | ECH_090609A | | 06/09/ | /09 22:35 |
| Alkalinity, Total as CaCO3 | | 229 | mg/L | 5.0 | 100 | 80 | 120 | | | |
| Sample ID: C09060201-011AMSD | Sai | mple Matrix | Spike Duplicate | | | Run: MANT | ECH_090609A | | 06/09/ | 09 22:43 |
| Alkalinity, Total as CaCO3 | | 230 | mg/L | 5.0 | 101 | 80 | 120 | 0.6 | 20 | |
| Method: A2510 B | | | | | | | Analytica | I Run: (| ORION555A | 090605E |
| Sample ID: ICV2_090605_1 | Init | ial Calibratio | n Verification Stan | dard | | | | | 06/05/ | 09 09:54 |
| Conductivity | | 1410 u | ımhos/cm | 1.0 | 100 | 90 | 110 | | | |
| Method: A2510 B | | | | | | | Bat | ch: 090 | 605_1_PH-V | V_555A-2 |
| Sample ID: MBLK1_090605_1 | Ме | thod Blank | | | | Run: ORIO | N555A_090605B | | 06/05/ | 09 09:50 |
| Conductivity | | 0.9 u | ımhos/cm | 0.2 | | | | | | |
| Sample ID: C09060201-010ADUP | Sai | mple Duplica | ite | | | Run: ORIO! | N555A_090605B | | 06/05/ | /09 10:20 |
| Conductivity | | 447 L | ımhos/cm | 1.0 | | | | 0.2 | 10 | |



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/11/09 Work Order: C09060201

RPD RPDLimit Qual RL %REC Low Limit High Limit Count Result Units Analyte Batch: 090608_1_SLDS-TDS-W A2540 C Method: 06/08/09 08:53 Sample ID: MBLK1_090608 Method Blank Run: BAL-1_090608B mg/L 6 Solids, Total Dissolved TDS @ 180 C ND 06/08/09 08:53 Run: BAL-1_090608B Sample ID: LCS1_090608 Laboratory Control Sample mg/L 10 99 90 110 990 Solids, Total Dissolved TDS @ 180 C Run: BAL-1_090608B 06/08/09 08:58 Sample ID: C09060201-004AMS Sample Matrix Spike 90 110 10 101 Solids, Total Dissolved TDS @ 180 C 2300 mg/L 06/08/09 08:59 Sample Matrix Spike Duplicate Run: BAL-1_090608B Sample ID: C09060201-004AMSD 90 110 0.1 10 2300 10 101 Solids, Total Dissolved TDS @ 180 C mg/L 06/08/09 09:03 Run: BAL-1_090608B Sample ID: C09060201-014AMS Sample Matrix Spike 101 90 10 2540 mg/L Solids, Total Dissolved TDS @ 180 C 06/08/09 09:03 Run: BAL-1_090608B Sample ID: C09060201-014AMSD Sample Matrix Spike Duplicate 1.2 10 10 103 90 mg/L Solids, Total Dissolved TDS @ 180 C 2570 06/09/09 14:37 Run: BAL-1_090609A Sample ID: MBLK1_090608 Method Blank 6 mg/L ND Solids, Total Dissolved TDS @ 180 C 06/09/09 14:38 Run: BAL-1 090609A Sample ID: LCS1_090608 Laboratory Control Sample 10 99 90 110 988 mg/L Solids, Total Dissolved TDS @ 180 C Run: BAL-1_090609A 06/09/09 14:44 Sample ID: C09060275-012BMS Sample Matrix Spike 110 10 102 90 Solids, Total Dissolved TDS @ 180 C 2990 mg/L 06/09/09 14:44 Run: BAL-1_090609A Sample ID: C09060275-012BMSD Sample Matrix Spike Duplicate 90 110 1.6 10 10 104 3040 mg/L Solids, Total Dissolved TDS @ 180 C Batch: R119289 A4500-F C Method: 06/08/09 15:01 Run: MANTECH_090608A Sample ID: MBLK-1 Method Blank 0.05 ND mg/L Fluoride 06/08/09 15:04 Laboratory Control Sample Run: MANTECH_090608A Sample ID: LCS-1 102 90 110 1.02 mg/L 0.10 Fluoride 06/08/09 17:50 Run: MANTECH_090608A Sample ID: C09060201-004AMS Sample Matrix Spike 80 120 104 Fluoride 1.23 mg/L 0.10 06/08/09 17:53 Run: MANTECH_090608A Sample ID: C09060201-004AMSD Sample Matrix Spike Duplicate 120 0 10 mg/L 0.10 104 80 1.23 Fluoride 06/08/09 18:40 Run: MANTECH 090608A Sample ID: C09060201-014AMS Sample Matrix Spike 80 120 0.10 95 1.25 mg/L Fluoride 06/08/09 18:44 Run: MANTECH 090608A Sample ID: C09060201-014AMSD Sample Matrix Spike Duplicate 10 80 120 2.4 0.10 98 Fluoride 1.28 mg/L

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

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| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|-----------------|---------------------|-------|------|------------|---------------|---------|-------------|-------------------------|
| Method: A4500-H B | | | | | | | Analytica | Run: | ORION555A_ | 090605E |
| Sample ID: ICV1_090605_1 | lni | tial Calibratio | on Verification Sta | ndard | | | | | 06/05/ | 09 09:52 |
| рН | | 6.88 | s.u. | 0.010 | 100 | 98 | 102 | | | |
| Method: A4500-H B | | | | | | | Bat | ch: 090 | 0605_1_PH-V | V_555A-2 |
| Sample ID: C09060201-010ADUI | P Sa | ample Duplica | ate | | | Run: ORIO | N555A_090605B | | 06/05/ | /09 10:2 <mark>0</mark> |
| рН | | 8.12 | s.u. | 0.010 | | | | 0.1 | 10 | |
| Method: E200.7 | | | - | | | | | | Batch: | R11966 |
| Sample ID: C09060201-002BMS | <u>4</u> Sa | ımple Matrix | Spike | | | Run: ICP3- | C_090616B | | 06/16/ | /09 15:23 |
| Calcium | | 142 | mg/L | 1.0 | 117 | 70 | 130 | | | |
| Magnesium | | 65.4 | mg/L | 1.0 | 120 | 70 | 130 | | | |
| Potassium | | 64.8 | mg/L | 1.0 | 120 | 70 | 130 | | | |
| Sodium | | 95.7 | mg/L | 1.0 | 117 | 70 | 130 | | | |
| Sample ID: C09060201-002BMS | D <u>4</u> Sa | mple Matrix | Spike Duplicate | | | Run: ICP3- | C_090616B | | 06/16 | /09 15:28 |
| Calcium | | 137 | mg/L | 1.0 | 107 | 70 | 130 | 3.6 | 20 | |
| Magnesium | | 62.7 | mg/L | 1.0 | 115 | 70 | 130 | 4.2 | 20 | |
| Potassium | | 59.5 | mg/L | 1.0 | 110 | 70 | 130 | 8.5 | 20 | |
| Sodium | | 90.6 | mg/L | 1.0 | 107 | 70 | 130 | 5.5 | 20 | |
| Sample ID: C09060201-012BMS | <u>4</u> Sa | ample Matrix | Spike | | | Run: ICP3- | C_090616B | | 06/16 | /09 16:51 |
| Calcium | | 112 | mg/L | 1.0 | 92 | 70 | 130 | | | |
| Magnesium | | 50.8 | mg/L | 1.0 | 93 | 70 | 130 | | | |
| Potassium | | 48.7 | mg/L | 1.0 | 91 | 70 | 130 | | | |
| Sodium | | 76.8 | mg/L | 1.0 | 92 | 70 | 130 | | | |
| Sample ID: C09060201-012BMS | D <u>4</u> Sa | ample Matrix | Spike Duplicate | | | | C_090616B | | | /09 16:57 |
| Calcium | | 114 | mg/L | 1.0 | 95 | 70 | 130 | 1.2 | 20 | |
| Magnesium | | 51.2 | mg/L | 1.0 | 94 | 70 | 130 | 0.9 | 20 | |
| Potassium | | 49.6 | mg/L | 1.0 | 93 | 70 | 130 | 1.8 | 20 | |
| Sodium | | 77.6 | mg/L | 1.0 | 93 | 70 | 130 | 1.1 | 20 | |
| Sample ID: LRB | <u>4</u> Me | ethod Blank | | | | Run: ICP3- | C_090616B | | 06/16 | /09 13:20 |
| Calcium | | 0.3 | mg/L | 0.2 | | | | | | |
| Magnesium | | 0.3 | mg/L | 0.2 | | | | | | |
| Potassium | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: LFB | <u>4</u> La | boratory For | | | | | C_090616B | | 06/16 | /09 13:26 |
| Calcium | | 51.5 | mg/L | 0.50 | 103 | | 115 | | | |
| Magnesium | | 51.1 | mg/L | 0.50 | 102 | | 115 | | | |
| Potassium | | 50.7 | mg/L | 0.50 | 101 | | 115 | | | |
| Sodium | | 51.5 | mg/L | 0.50 | 103 | 85 | 115 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09060201

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|---------------|--------------|-----------------|-------|------|-------------|------------|-----|----------|----------|
| Method: E200.7 | | | | | | | | | Batch: | R11985 |
| Sample ID: MB-090619A | <u>8</u> Me | thod Blank | | | | Run: ICP2-0 | C_090619A | | 06/19/ | 09 14:47 |
| Boron | | ND | mg/L | 0.03 | | | | | | |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Iron | | ND | mg/L | 0.005 | | | | | | |
| Magnesium | | ND | mg/L | 0.09 | | | | | | |
| Manganese | | ND | mg/L | 0.001 | | | | | | |
| Potassium | | ND | mg/L | 0.1 | | | | | | |
| Silicon | | 0.03 | mg/L | 0.01 | | | | | | |
| Sodium | | ND | mg/L | 0.2 | | | | | | |
| ample ID: LFB-090619A | <u>8</u> Lal | boratory For | tified Blank | | | Run: ICP2-0 | C_090619A | | 06/19/ | 09 14:51 |
| Boron | | 1.04 | mg/L | 0.10 | 104 | 85 | 115 | | | |
| Calcium | | 49.3 | mg/L | 0.50 | 99 | 85 | 115 | | | |
| ron | | 0.975 | mg/L | 0.030 | 98 | 85 | 115 | | | |
| Magnesium | | 50.2 | mg/L | 0.50 | 100 | 85 | 115 | | | |
| Manganese | | 0.992 | mg/L | 0.010 | 99 | 85 | 115 | | | |
| Potassium | | 46.3 | mg/L | 0.50 | 93 | 85 | 115 | | | |
| Silicon | | 0.463 | mg/L | 0.015 | 108 | 85 | 115 | | | |
| Sodium | | 48.1 | mg/L | 0.50 | 96 | 85 | 115 | | | |
| ample ID: C09060201-007BMS | 2 <u>8</u> Sa | mple Matrix | Spike | | | Run: ICP2-0 | C_090619A | | 06/19/ | 09 16:59 |
| Boron | | 1.98 | mg/L | 0.10 | 97 | 70 | 130 | | | |
| Calcium | | 155 | mg/L | 1.0 | 98 | 70 | 130 | | | |
| ron | | 1.94 | mg/L | 0.030 | 95 | 70 | 130 | | | |
| Magnesium | | 103 | mg/L | 1.0 | 98 | 70 | 130 | | | |
| Manganese | | 1.97 | mg/L | 0.010 | 97 | 70 | 130 | | | |
| Potassium | | 94.5 | mg/L | 1.0 | 91 | 70 | 130 | | | |
| Silicon | | 7.52 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | | 132 | mg/L | 1.0 | 99 | 70 | 130 | | | |
| ample ID: C09060201-007BMSI | D <u>8</u> Sa | • | Spike Duplicate | | | Run: ICP2-0 | | | | 09 17:03 |
| Boron | | 2.01 | mg/L | 0.10 | 98 | 70 | 130 | 1.2 | 20 | |
| Calcium | | 154 | mg/L | 1.0 | 98 | 70 | 130 | 0.4 | 20 | |
| ron | | 1.94 | mg/L | 0.030 | 94 | 70 | 130 | 0.1 | 20 | |
| Magnesium | | 102 | mg/L | 1.0 | 98 | 70 | 130 | 0.2 | 20 | |
| Manganese | | 1.97 | mg/L | 0.010 | 97 | 70 | 130 | 0 | 20 | |
| Potassium | | 93.3 | mg/L | 1.0 | 90 | 70 | 130 | 1.3 | 20 | |
| Silicon | | 7.54 | mg/L | 0.10 | | 70 | 130 | 0.4 | 20 | Α |
| Sodium | | 133 | mg/L | 1.0 | 100 | 70 | 130 | 0.9 | 20 | |
| ample ID: C09060201-004CMS | 2 <u>8</u> Sa | mple Matrix | Spike | | | Run: ICP2-0 | | | 06/20/ | 09 01:25 |
| Boron | | 2.15 | mg/L | 0.10 | 106 | 70 | 130 | | | |
| Calcium | | 152 | mg/L | 1.0 | 99 | 70 | 130 | | | |
| Iron | | 2.02 | mg/L | 0.067 | 95 | 70 | 130 | | | |
| Magnesium | | 101 | mg/L | 1.0 | 97 | 70 | 130 | | | |
| Manganese | | 2.00 | mg/L | 0.014 | 98 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09060201

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------|--------------|--------------|-----------------|-------|------|------------|------------|-----|----------|------------|
| Method: E200.7 | | | | | - | | | | Batch: | : R119858 |
| Sample ID: C09060201- | 004CMS2 8 Sa | ample Matrix | Spike | | | Run: ICP2- | C_090619A | | 06/20 | /09 01:25 |
| Potassium | | 95.5 | mg/L | 1.0 | 91 | 70 | 130 | | | |
| Silicon | | 7.81 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | | 132 | mg/L | 2.2 | 99 | 70 | 130 | | | |
| Sample ID: C09060201- | 004CMSD 8 Sa | ample Matrix | Spike Duplicate | | | Run: ICP2- | C_090619A | | 06/20 | /09 01:29 |
| Boron | | 2.21 | mg/L | 0.10 | 108 | 70 | 130 | 2.7 | 20 | |
| Calcium | | 152 | mg/L | 1.0 | 98 | 70 | 130 | 0.3 | 20 | |
| Iron | | 2.06 | mg/L | 0.067 | 97 | 70 | 130 | 2.2 | 20 | |
| Magnesium | | 101 | mg/L | 1.0 | 97 | 70 | 130 | 0.1 | 20 | |
| Manganese | | 2.03 | mg/L | 0.014 | 99 | 70 | 130 | 1.4 | 20 | |
| Potassium | | 96.6 | mg/L | 1.0 | 92 | 70 | 130 | 1.1 | 20 | |
| Silicon | | 7.79 | mg/L | 0.10 | | 70 | 130 | 0.1 | 20 | Α |
| Sodium | | 132 | mg/L | 2.2 | 99 | 70 | 130 | 0.3 | 20 | |
| Sample ID: C09060201- | 014CMS2 8 Sa | ample Matrix | Spike | | | Run: ICP2- | C_090619A | | 06/20 | /09 02:42 |
| Boron | | 2.12 | mg/L | 0.10 | 104 | 70 | 130 | | | |
| Calcium | | 216 | mg/L | 1.0 | 99 | 70 | 130 | | | |
| Iron | | 1.93 | mg/L | 0.067 | 94 | 70 | 130 | | | |
| Magnesium | | 99.2 | mg/L | 1.0 | 97 | 70 | 130 | | | |
| Manganese | | 1.99 | mg/L | 0.014 | 98 | 70 | 130 | | | |
| Potassium | | 118 | mg/L | 1.0 | 85 | 70 | 130 | | | |
| Silicon | | 4.99 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | | 144 | mg/L | 2.2 | 101 | 70 | 130 | | | |
| Sample ID: C09060201- | 014CMSD 8 S | ample Matrix | Spike Duplicate | | | Run: ICP2- | C_090619A | | 06/20 |)/09 02:46 |
| Boron | | 2.13 | mg/L | 0.10 | 104 | 70 | 130 | 0.4 | 20 | |
| Calcium | | 218 | mg/L | 1.0 | 101 | 70 | 130 | 0.9 | 20 | |
| Iron | | 1.94 | mg/L | 0.067 | 95 | 70 | 130 | 0.5 | 20 | |
| Magnesium | | 97.8 | mg/L | 1.0 | 96 | 70 | 130 | 1.4 | 20 | |
| Manganese | | 1.99 | mg/L | 0.014 | 97 | 70 | 130 | 0.1 | 20 | |
| Potassium | | 116 | mg/L | 1.0 | 84 | 70 | 130 | 1.2 | 20 | |
| Silicon | | 4.99 | mg/L | 0.10 | | 70 | 130 | 0 | 20 | Α |
| Sodium | | 143 | mg/L | 2.2 | 100 | 70 | 130 | 0.9 | 20 | |

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MDC - Minimum detectable concentration



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09060201

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Llmit | RPD | RPDLimit | Qual |
|-----------------------------|----------------|--------------|--------------|---------|------|------------|--------------|-----|----------|------------|
| Method: E200.8 | | | | | | | | | Batch: | R11934 |
| Sample ID: LRB | <u>15</u> Me | thod Blank | | | | Run: ICPMS | S2-C_090609A | | 06/09 | /09 11:40 |
| Aluminum | | ND | mg/L | 0.002 | | | | | | |
| Arsenic | | ND | mg/L | 0.0003 | | | | | | |
| Barium | | ND | mg/L | 3E-05 | | | | | | |
| Cadmium | | ND | mg/L | 6E-05 | | | | | | |
| Chromium | | 8E-05 | mg/L | 8E-05 | | | | | | |
| Copper | | 8E-05 | mg/L | 4E-05 | | | | | | |
| Lead | | ND | mg/L | 2E-05 | | | | | | |
| Manganese | | ND | mg/L | 5E-05 | | | | | | |
| Mercury | | ND | mg/L | 4E-05 | | | | | | |
| Molybdenum | | ND | mg/L | 4E-05 | | | | | | |
| Nickel | | ND | mg/L | 9E-05 | | | | | | |
| Selenium | | ND | mg/L | 0.001 | | | | | | |
| Uranium | | ND | mg/L | 8E-06 | | | | | | |
| Vanadium | | ND | mg/L | 9E-05 | | | | | | |
| Zinc | | 0.001 | mg/L | 6E-05 | | | | | | |
| Sample ID: LFB | <u>15</u> La | boratory For | tified Blank | | | Run: ICPM | S2-C_090609A | | 06/09 | /09 11:47 |
| Aluminum | | 0.0504 | mg/L | 0.0022 | 101 | 85 | 115 | | | |
| Arsenic | | 0.0521 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Barium | | 0.0522 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Cadmium | | 0.0525 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Chromium | | 0.0519 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Copper | | 0.0522 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Lead | | 0.0519 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Manganese | | 0.0508 | mg/L | 0.0010 | 102 | 85 | 115 | | | |
| Mercury | | 0.00519 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Molybdenum | | 0.0516 | mg/L | 0.0010 | 103 | 85 | 115 | | | |
| Nickel | | 0.0521 | mg/L | 0.0010 | 104 | | 115 | | | |
| Selenium | | 0.0523 | mg/L | 0.0014 | 105 | | 115 | | | |
| Uranium | | 0.0499 | mg/L | 0.00030 | 100 | | 115 | | | |
| Vanadium | | 0.0512 | mg/L | 0.0010 | 102 | | 115 | | | |
| Zinc | | 0.0530 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Sample ID: C09060201-006BMS | 4 <u>15</u> Sa | ımple Matrix | Spike | | | | S2-C_090609A | | 06/09 | 9/09 14:57 |
| Aluminum | | 0.0562 | mg/L | 0.10 | 103 | | 130 | | | |
| Arsenic | | 0.0538 | mg/L | 0.0010 | 103 | 70 | 130 | | | |
| Barium | | 0.0726 | mg/L | 0.10 | 104 | | 130 | | | |
| Cadmium | | 0.0517 | mg/L | 0.010 | 103 | | 130 | | | |
| Chromium | | 0.0497 | mg/L | 0.050 | 99 | | 130 | | | |
| Соррег | | 0.0489 | mg/L | 0.010 | 97 | | 130 | | | |
| Lead | | 0.0511 | mg/L | 0.050 | 102 | | 130 | | | |
| Manganese | | 0.0531 | mg/L | 0.010 | 98 | | 130 | | | |
| Mercury | | 0.00513 | mg/L | 0.0010 | 103 | 70 | 130 | | | |
| Molybdenum | | 0.0522 | mg/L | 0.10 | 102 | 70 | 130 | | | |

Qualifiers:

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Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09060201

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Llmit | RPD | RPDLimit | Qual |
|------------------------------|----------------|-------------|--------------|---------|------|------------|--------------|-----|----------|------------|
| Method: E200.8 | | | | | | | | | Batch | : R11934 |
| Sample ID: C09060201-006BMS4 | 15 Sai | nple Matrix | Spike | | | Run: ICPMS | S2-C_090609A | | 06/09 | /09 14:57 |
| Nickel | | 0.0485 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Selenium | | 0.0527 | mg/L | 0.0010 | 104 | 70 | 130 | | | |
| Uranium | | 0.127 | mg/L | 0.00030 | 113 | 70 | 130 | | | |
| Vanadium | | 0.0500 | mg/L | 0.10 | 100 | 70 | 130 | | | |
| Zinc | | 0.0536 | mg/L | 0.010 | 101 | 70 | 130 | | | |
| Sample ID: C09060201-006BMSD | 15 Sa | mple Matrix | Spike Duplic | cate | | Run: ICPMS | S2-C_090609A | | 06/09 | /09 15:03 |
| Aluminum | | 0.0552 | mg/L | 0.0010 | 101 | 70 | 130 | 1.8 | 20 | |
| Arsenic | | 0.0538 | mg/L | 0.0010 | 103 | 70 | 130 | 0 | 20 | |
| Barium | | 0.0721 | mg/L | 0.0010 | 103 | 70 | 130 | 0.8 | 20 | |
| Cadmium | | 0.0513 | mg/L | 0.010 | 103 | 70 | 130 | 0.9 | 20 | |
| Chromium | | 0.0495 | mg/L | 0.0010 | 99 | 70 | 130 | 0.4 | 20 | |
| Copper | | 0.0488 | mg/L | 0.010 | 97 | 70 | 130 | 0.2 | 20 | |
| Lead | | 0.0513 | mg/L | 0.050 | 103 | 70 | 130 | 0.4 | 20 | |
| Manganese | | 0.0526 | mg/L | 0.010 | 97 | 70 | 130 | 0.9 | 20 | |
| Mercury | | 0.00510 | mg/L | 0.0010 | 102 | 70 | 130 | 0.5 | 20 | |
| Molybdenum | | 0.0520 | mg/L | 0.0010 | 101 | 70 | 130 | 0.5 | 20 | |
| Nickel | | 0.0491 | mg/L | 0.0010 | 98 | 70 | 130 | 1.2 | 20 | |
| Selenium | | 0.0523 | mg/L | 0.0010 | 103 | 70 | 130 | 0.9 | 20 | |
| Uranium | | 0.128 | mg/L | 0.00030 | 116 | 70 | 130 | 1 | 20 | |
| Vanadium | | 0.0495 | mg/L | 0.0010 | 99 | 70 | 130 | 0.9 | 20 | |
| Zinc | | 0.0536 | mg/L | 0.010 | 101 | 70 | 130 | 0.1 | 20 | |
| Sample ID: C09060201-016BMS4 | 15 Sa | mple Matrix | Spike | | | Run: ICPM | S2-C_090609A | | 06/09 | 9/09 16:45 |
| Aluminum | _ | 0.0584 | mg/L | 0.0010 | 102 | 70 | 130 | | | |
| Arsenic | | 0.0562 | mg/L | 0.0010 | 105 | 70 | 130 | | | |
| Barium | | 0.0732 | mg/L | 0.0010 | 106 | 70 | 130 | | | |
| Cadmium | | 0.0521 | mg/L | 0.010 | 104 | 70 | 130 | | | |
| Chromium | | 0.0509 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Copper | | 0.0500 | mg/L | 0.010 | 99 | 70 | 130 | | | |
| Lead | | 0.0524 | mg/L | 0.050 | 105 | 70 | 130 | | | |
| Manganese | | 0.0546 | mg/L | 0.010 | 100 | 70 | 130 | | | |
| Mercury | | 0.00549 | mg/L | 0.0010 | 110 | 70 | 130 | | | |
| Molybdenum | | 0.0535 | mg/L | 0.0010 | 103 | 70 | 130 | | | |
| Nickel | | 0.0497 | mg/L | 0.0010 | 99 | 70 | 130 | | | |
| Selenium | | 0.0533 | mg/L | 0.0010 | 107 | 70 | 130 | | | |
| Uranium | | 0.194 | mg/L | 0.00030 | 105 | 70 | 130 | | | |
| Vanadium | | 0.0511 | mg/L | 0.0010 | 102 | 70 | 130 | | | |
| Zinc | | 0.0570 | mg/L | 0.010 | 103 | 70 | 130 | | | |
| Sample ID: C09060201-016BMSI | D <u>15</u> Sa | mple Matrix | Spike Dupli | icate | | Run: ICPM | S2-C_090609A | | 06/0 | 9/09 16:52 |
| Aluminum | - - | 0.0572 | mg/L | 0.0010 | 100 | 70 | 130 | 2 | | |
| Arsenic | | 0.0568 | mg/L | 0.0010 | 107 | 70 | 130 | 1.2 | 20 | |
| Barium | | 0.0740 | mg/L | 0.0010 | 107 | | 130 | 1.1 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 07/11/09

Project: Lost Creek

| Analyte | | Coun | t Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------|-------------------|------------|--|--------------|---------|------|------------|--------------|-----|----------|-----------|
| Method: | E200.8 | | | | | | | | | Batch: | R119345 |
| Sample ID: | C09060201-016BMSD | 15 | Sample Matrix | Spike Duplic | ate | | Run: ICPMS | S2-C_090609A | | 06/09/ | /09 16:52 |
| Cadmium | | | 0.0530 | mg/L | 0.010 | 106 | 70 | 130 | 1.6 | 20 | |
| Chromium | | | 0.0510 | mg/L | 0.0010 | 101 | 70 | 130 | 0.2 | 20 | |
| Copper | | | 0.0502 | mg/L | 0.010 | 99 | 70 | 130 | 0.5 | 20 | |
| Lead | | | 0.0525 | mg/L | 0.050 | 105 | 70 | 130 | 0.2 | 20 | |
| Manganese | | | 0.0547 | mg/L | 0.010 | 101 | 70 | 130 | 0.2 | 20 | |
| Mercury | | | 0.00560 | mg/L | 0.0010 | 112 | 70 | 130 | 2 | 20 | |
| Molybdenun | 1 | | 0.0544 | mg/L | 0.0010 | 105 | 70 | 130 | 1.7 | 20 | |
| Nickel | | | 0.0504 | mg/L | 0.0010 | 101 | 70 | 130 | 1.4 | 20 | |
| Selenium | | | 0.0545 | mg/L | 0.0010 | 109 | 70 | 130 | 2.2 | 20 | |
| Uranium | | | 0.195 | mg/L | 0.00030 | 108 | 70 | 130 | 8.0 | 20 | |
| Vanadium | | | 0.0510 | mg/L | 0.0010 | 101 | 70 | 130 | 0.4 | 20 | |
| Zinc | | | 0.0573 | mg/L | 0.010 | 103 | 70 | 130 | 0.7 | 20 | |
| Method: | E300.0 | | <u>. </u> | | | | | | | Batch: | R119458 |
| Sample ID: | LCS | 2 | Laboratory Cor | ntrol Sample | | | Run: IC2-C | _090611A | | 06/11 | /09 12:45 |
| Chloride | | _ | 9.78 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Sulfate | | | 39.3 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Sample ID: | C09060201-003AMS | 2 | Sample Matrix | Spike | | | Run: IC2-C | _090611A | | 06/11 | /09 14:17 |
| Chloride | | | 25.3 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sulfate | | | 227 | mg/L | 1.0 | 100 | 90 | 110 | | | |
| Sample ID: | C09060201-003AMSE |) <u>2</u> | Sample Matrix | Spike Duplic | cate | | Run: IC2-C | _090611A | | 06/11 | /09 14:33 |
| Chloride | | | 25.5 | mg/L | 1.0 | 98 | 90 | 110 | 0.7 | 20 | |
| Sulfate | | | 226 | mg/L | 1.0 | 99 | 90 | 110 | 0.5 | 20 | |
| Sample ID: | C09060201-014AMS | <u>2</u> | Sample Matrix | Spike | | | Run: IC2-C | _090611A | | 06/11 | /09 18:09 |
| Chloride | | | 74.2 | mg/L | 1.0 | 99 | 90 | 110 | | | |
| Sulfate | | | 294 | mg/L | 1.0 | 100 | 90 | 110 | | | |
| Sample ID: | C09060201-014AMSE | 2 | Sample Matrix | Spike Duplic | cate | | Run: IC2-C | _090611A | | 06/11 | /09 18:24 |
| Chloride | | _ | 74.1 | mg/L | 1.0 | 99 | 90 | 110 | 0.2 | 20 | |
| Sulfate | | | 293 | mg/L | 1.0 | 99 | 90 | 110 | 0.4 | 20 | |



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/11/09

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|-------------|---------------|-----------------|---------------|-----------|------------|------------|-----|----------|-----------|
| Method: E300.0 | | | | | _ | | | | Batch: | R120183 |
| Sample ID: LCS | <u>2</u> La | aboratory Cor | ntrol Sample | | | Run: IC2-C | _090627A | | 06/27 | /09 15:27 |
| Chloride | | 10.1 | mg/L | 1.0 | 101 | 90 | 110 | | | |
| Sulfate | | 38.8 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sample ID: MBLK | <u>2</u> M | ethod Blank | | | | Run: IC2-C | _090627A | | 06/27 | /09 15:43 |
| Chloride | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: C09060691-028AMS | <u>2</u> S | ample Matrix | Spike | | | Run: IC2-C | _090627A | | 06/27 | /09 17:00 |
| Chloride | | 93.4 | mg/L | 1.0 | 103 | 90 | 110 | | | |
| Sulfate | | 356 | mg/L | 1.0 | 100 | 90 | 110 | | | |
| Sample ID: C09060691-028AMS | D 2 S | ample Matrix | Spike Duplicate | | | Run: IC2-C | _090627A | | 06/27 | /09 17:15 |
| Chloride | | 93.3 | mg/L | 1.0 | 103 | 90 | 110 | 0.1 | 20 | |
| Sulfate | | 356 | mg/L | 1.0 | 100 | 90 | 110 | 0 | 20 | |
| Method: E350.1 | • | | | - | | | | | Batch: B | R13076 |
| Sample ID: MBLK | М | lethod Blank | | | | Run: SUB-i | 3130760 | | 06/08 | /09 14:16 |
| Nitrogen, Ammonia as N | | ND | mg/L | 0.02 | | | | | | |
| Sample ID: LFB | La | aboratory For | tified Blank | | | Run: SUB- | 3130760 | | 06/08 | /09 14:18 |
| Nitrogen, Ammonia as N | | 1.02 | mg/L | 0.10 | 103 | 90 | 110 | | | |
| Sample ID: C09060201-001E | S | ample Matrix | Spike | | | Run: SUB-I | B130760 | | 06/08 | /09 14:24 |
| Nitrogen, Ammonia as N | | 0.837 | mg/L | 0.050 | <u>84</u> | 90 | 110 | | | S |
| Sample ID: C09060201-001E | S | ample Matrix | Spike Duplicate | | | Run: SUB-I | B130760 | | 06/08 | /09 14:25 |
| Nitrogen, Ammonia as N | | 0.834 | mg/L | 0.050 | <u>83</u> | 90 | 110 | 0.4 | 10 | S |
| Sample ID: C09060201-007E | s | ample Matrix | Spike | | | Run: SUB-l | B130760 | | 06/08 | /09 14:38 |
| Nitrogen, Ammonia as N | | 0.769 | mg/L | 0.050 | <u>77</u> | 90 | 110 | | | S |
| Sample ID: C09060201-007E | s | ample Matrix | Spike Duplicate | | | Run: SUB-I | B130760 | | 06/08 | /09 14:39 |
| Nitrogen, Ammonia as N | _ | 0.770 | mg/L | 0.050 | <u>77</u> | 90 | 110 | 0.1 | 10 | s |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------------------------|-------|-------------|-----------------|-------|-------|------------|------------|-----|-----------|-----------|
| Method: E353.2 | | | | | · · · | , | | | Batch: B_ | _R130726 |
| Sample ID: MBLK | Me | thod Blank | | | | Run: SUB-I | B130726 | | 06/08 | /09 09:49 |
| Nitrogen, Nitrate+Nitrite as N | | ND | mg/L | 0.002 | | | | | | |
| Sample ID: LFB | Lat | oratory For | tified Blank | | | Run: SUB-I | B130726 | | 06/08 | /09 09:51 |
| Nitrogen, Nitrate+Nitrite as N | | 0.991 | mg/L | 0.050 | 101 | 90 | 110 | | | |
| Sample ID: C09060201-004E | Sa | mple Matrix | Spike | | | Run: SUB- | B130726 | | 06/08 | /09 12:46 |
| Nitrogen, Nitrate+Nitrite as N | | 1.16 | mg/L | 0.050 | 103 | 90 | 110 | | | |
| Sample ID: C09060201-004E | Sa | mple Matrix | Spike Duplicate | | | Run: SUB-I | B130726 | | 06/08 | /09 12:47 |
| Nitrogen, Nitrate+Nitrite as N | | 1.16 | mg/L | 0.050 | 103 | 90 | 110 | 0.3 | 10 | |
| Sample ID: B09060659-001BMS | Sa | mple Matrix | Spike | | | Run: SUB-l | B130726 | | 06/08 | /09 14:06 |
| Nitrogen, Nitrate+Nitrite as N | | 1.07 | mg/L | 0.050 | 103 | 90 | 110 | | | |
| Sample ID: B09060659-001BMSI | D Sa | mple Matrix | Spike Duplicate | | | Run: SUB-I | B130726 | | 06/08 | /09 14:08 |
| Nitrogen, Nitrate+Nitrite as N | | 1.08 | mg/L | 0.050 | 104 | 90 | 110 | 0.4 | 10 | |



ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602 Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

| Analyte | Count Result | Units | RL %REC | Low L | .imlt | High L | imit | RPD | RPDLimit | Qual |
|------------------------------|-------------------|-------------------|---------|--------|--------------|--------|----------|-----|----------|------------|
| Method: E900.0 | | | | | | | | | Batch: 0 | SrAB-068 |
| Sample ID: MB-GrAB-0681 | 6 Method Blank | | | Run: T | TENNE | ELEC-3 | _090623D | | 06/26 | /09 03:37 |
| Gross Alpha | 1 | pCi/L | | | | | | | | |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | | | | | | |
| Gross Alpha MDC | 0.5 | pCi/L | | | | | | | | |
| Gross Beta | -3 | pCi/L | | | | | | | | U |
| Gross Beta precision (±) | 2 | pCi/L | | | | | | | | |
| Gross Beta MDC | 2 | pCi/L | | | | | | | | |
| Sample ID: UNAT-GrAB-0681 | Laboratory Co | ntrol Sample | | Run: 1 | TENNE | ELEC-3 | _090623D | | 06/26 | /09 03:37 |
| Gross Alpha | 130 | pCi/L | 96 | 3 | 70 | | 130 | | | |
| Sample ID: Cs137-GrAB-0681 | Laboratory Co | ntrol Sample | | Run: 1 | ΓΕΝΝΙ | ELEC-3 | _090623D | | 06/26 | /09 03:37 |
| Gross Beta | 96 | pCi/L | 107 | , | 70 | | 130 | | | |
| Sample ID: C09060201-001DDUF | 2 6 Sample Duplic | ate | | Run: 1 | TENN | ELEC-3 | _090623D | ı | 06/26 | 6/09 03:37 |
| Gross Alpha | 803 | pCi/L | | | | | | 11 | 13.2 | |
| Gross Alpha precision (±) | 12.6 | pCi/L | | | | | | | | |
| Gross Alpha MDC | 1.72 | pCi/L | | | | | | | | |
| Gross Beta | 266 | pCi/L | | | | | | 4 | 13.5 | |
| Gross Beta precision (±) | 4.65 | pCi/L | | | | | | | | |
| Gross Beta MDC | 2.99 | pCi/L | | | | | | | | |
| Sample ID: C09060599-001DMS | Sample Matrix | (Spike | | Run: | TENN | ELEC-3 | _090623D |) | 06/27 | 7/09 10:34 |
| Gross Alpha | 178 | pCi/L | 12 | 5 | 70 | | 130 | | | |
| Sample ID: C09060599-001DMS | D Sample Matrix | Spike Duplicate | | Run: | TENN | ELEC-3 | _090623D |) | 06/27 | 7/09 10:34 |
| Gross Alpha | 165 | pCi/L | 110 | ô | 70 | | 130 | 7.9 | 17 | |
| Sample ID: C09060599-001DMS | Sample Matrix | « Spike | | Run: | TENN | ELEC-3 | _090623D |) | 06/27 | 7/09 10:3 |
| Gross Beta | 110 | pCi/L | 10 | 9 | 70 | | 130 | | | |
| Sample ID: C09060599-001DMS | D Sample Matrix | k Spike Duplicate | | Run: | TENN | ELEC-3 | _090623D |) | 06/27 | 7/09 10:3 |
| Gross Beta | 117 | pCi/L | 110 | 6 | 70 | | 130 | 5.4 | 15.7 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09060201

| Analyte | Count | Result | Units | RL %REC | Low Limi | t High | Limit | RPD | RPDLimit | Qual |
|------------------------------|-------------|--------------|-----------------|---------|----------|--------|---------|--------|-----------|------------|
| Method: E900.0 | | | | | | | | | Batch: G | rAB-0682 |
| Sample ID: MB-GrAB-0682 | <u>6</u> Me | thod Blank | | | Run: G50 | 00W_09 | 0623A | | 06/26 | /09 01:14 |
| Gross Alpha | | -0.07 | pCi/L | | | | | | | U |
| Gross Alpha precision (±) | | 0.6 | pCi/L | | | | | | | |
| Gross Alpha MDC | | 0.6 | pCi/L | | | | | | | |
| Gross Beta | | -2 | pCi/L | | | | | | | U |
| Gross Beta precision (±) | | 1 | pCi/L | | | | | | | |
| Gross Beta MDC | | 1 | pCi/L | | | | | | | |
| Sample ID: UNAT-GrAB-0682 | La | boratory Cor | ntrol Sample | | Run: G50 | 00W_09 | 0623A | | 06/26 | /09 01:14 |
| Gross Alpha | | 140 | pCi/L | 104 | 70 |) | 130 | | | |
| Sample ID: Cs137-GrAB-0682 | La | boratory Cor | ntrol Sample | | Run: G50 | 00W_09 | 0623A | | 06/26 | /09 01:14 |
| Gross Beta | | 81 | pCi/L | 91 | 70 |) | 130 | | | |
| Sample ID: C09060201-017DMS | Sa | mple Matrix | Spike | | Run: G50 | 00W_09 | 0623A | | 06/26 | /09 01:14 |
| Gross Alpha | | 146 | pCi/L | 105 | 70 |) | 130 | | | |
| Sample ID: C09060201-017DMSI |) Sa | ımple Matrix | Spike Duplicate | | Run: G50 | 00W_09 | 0623A | | 06/26 | /09 01:14 |
| Gross Alpha | | 135 | pCi/L | 98 | 70 |) | 130 | 7.4 | 15.8 | |
| Sample ID: C09060201-017DMS | Sa | mple Matrix | Spike | | Run: G50 | 00W_09 | 0623A | | 06/26 | 6/09 01:14 |
| Gross Beta | | 88.3 | pCi/L | 98 | 70 |) | 130 | | | |
| Sample ID: C09060201-017DMSI |) Sa | ımple Matrix | Spike Duplicate | | Run: G50 | 00W_09 | 0623A | | 06/26 | 6/09 01:14 |
| Gross Beta | | 83.0 | pCi/L | 92 | : 70 |) | 130 | 6.1 | 16.1 | |
| Method: E903.0 | | | | | | | - | | Batch: R/ | A226-372 |
| Sample ID: C09060201-006DMS | Sa | ample Matrix | Spike | | Run: BEF | THOLD | 770-2_0 | 90607B | 06/20 | 0/09 22:25 |
| Radium 226 | | 310 | pCi/L | 90 | 70 |) | 130 | | | |
| Sample ID: C09060201-006DMS0 |) Sa | ample Matrix | Spike Duplicate | | Run: BEF | THOLD | 770-2_0 | 90607B | 06/20 |)/09 23:58 |
| Radium 226 | | 310 | pCi/L | 73 | . 70 | כ | 130 | 0.9 | 13.3 | |
| Sample ID: MB-RA226-3726 | 3 M | ethod Blank | | | Run: BEF | RTHOLD | 770-2_0 | 90607B | 06/20 | 0/09 23:58 |
| Radium 226 | _ | -0.1 | pCi/L | | | | | | | U |
| Radium 226 precision (±) | | 0.08 | pCi/L | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | |
| Sample ID: LCS-RA226-3726 | La | aboratory Co | ntrol Sample | | Run: BEF | RTHOLD | 770-2_0 | 90607B | 06/20 | 0/09 23:58 |
| Radium 226 | | 7.2 | pCi/L | 93 | 7 | 0 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: **UR Energy USA Inc**

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09060201

| Analyte | Count | Result | Units | RL | %REC | Low I | Limit | High | Limit | RPD | RPDLimit | Qual |
|---|-------------|--------------|-----------------|-------------|------|---------|-------|---------|-----------|----------|---------------|---------------|
| Method: E903.0 | | | | | | | | _ | | | Batch: R | A226-3728 |
| Sample ID: C09060201-009DMS | Sai | mple Matrix | Spike | | | Run: I | BERT | HOLD | 770-1_ | 090608C | 06/25 | 5/09 15:50 |
| Radium 226 | | 26 | pCi/L | | 103 | | 70 | | 130 | | | |
| Sample ID: C09060201-009DMSI |) Sa | mple Matrix | Spike Duplicate | | | Run: I | BERT | HOLD | 770-1_ | 090608C | 06/25 | 5/09 15:50 |
| Radium 226 | | 26 | pCi/L | | 105 | | 70 | | 130 | 1.4 | 20.9 | |
| Sample ID: MB-RA226-3728 | <u>3</u> Me | thod Blank | | | | Run: I | BERT | HOLD | 770-1_ | 090608C | 06/25 | 5/09 22:17 |
| Radium 226 | | -0.2 | pCi/L | | | | | | | | | U |
| Radium 226 precision (±) | | 0.09 | pCi/L | | | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | | | |
| Sample ID: LCS-RA226-3728 | Lal | boratory Cor | ntrol Sample | | | Run: I | BERT | HOLD | 770-1_ | 090608C | 06/2 | 5/09 22:17 |
| Radium 226 | | 9.3 | pCi/L | | 119 | | 70 | | 130 | | | |
| Method: E903.0 | | | | | | | | | | - | Batch: R | A226-3729 |
| Sample ID: C09060266-004DMS | Sa | mple Matrix | Spike | | | Run: | BERT | HOLD | 770-1_ | 090608A | 06/2 | 2/09 10:39 |
| Radium 226 | | 9.3 | pCi/L | | 84 | | 70 | | 130 | • | | |
| Sample ID: C09060266-004DMSI |) Sa | mnle Matriy | Spike Duplicate | | | Run: | BERT | HOLD | 770-1 | 090608A | 06/2: | 2/09 12:11 |
| • | J | 16 | pCi/L | | 86 | | 70 | | 130 | 54 | 24 | R |
| Radium 226 - The RPD for the MSD is high due to LCS is within range, therefore the bat | the MS and | MSD being p | | nt volumes. | | | | overies | are withi | _ | MB is accepte | able, and the |
| Sample ID: MB-RA226-3729 | | thod Blank | | | | Run: | BERT | HOLD | 770-1_ | 090608A | 06/2 | 2/09 12:11 |
| Radium 226 | | -0.1 | pCi/L | | | | | | | | | U |
| Radium 226 precision (±) | | 0.08 | pCi/L | | | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | | | |
| Sample ID: LCS-RA226-3729 | La | boratory Co | ntrol Sample | | | Run: | BERT | HOLD | 770-1 | _090608A | 06/2 | 2/09 12:11 |
| Radium 226 | | 7.2 | pCi/L | | 93 | | 70 | | 130 | | | |
| Method: E903.0 | | | | | · | | | | - | | Batch: R | A226-373 |
| Sample ID: C09060266-014DMS | Sa | mple Matrix | Spike | | | Run: | BERT | HOLD | 770-1 | _090609B | 06/1 | 6/09 09:09 |
| Radium 226 | 0.0 | 19 | pCi/L | | 87 | • | 70 | | 130 | | | |
| Sample ID: C09060266-014DMS | D Sa | ımnle Matrix | Spike Duplicate | | | Run: | BERT | HOLD | 770-1 | _090609B | 06/1 | 6/09 09:09 |
| Radium 226 | D Q | 19 | pCi/L | | 88 | | 70 | | 130 | 0.8 | 23.6 | |
| | 2 14 | ethod Blank | | | | Run | BERT | HOLD | 770-1 | _090609В | 06/1 | 6/09 10:41 |
| Sample ID: MB-RA226-3734 | ₹ IAI6 | -0.04 | pCi/L | | | , tuii. | | , | | | | U |
| Radium 226 | | -0.04 | pCi/L | | | | | | | | | |
| Radium 226 precision (±) | | 0.1 | pCi/L | | | | | | | | | |
| Radium 226 MDC | | 0,2 | PO#L | | | | | | | | | |
| Sample ID: LCS-RA226-3734 | La | boratory Co | ntrol Sample | | | | | HOLD | | _090609B | 06/1 | 6/09 10:4 |
| Radium 226 | | 6.6 | pCi/L | | 85 | | 70 | | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.

R - RPD exceeds advisory limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/11/09

Work Order: C09060201

| Analyte | Count | Result | Units | RL %R | EC | Low Limit | High l | _imit | RPD | RPDLimit | Qual |
|-------------------------------|------------|---------------|-----------------|----------|-----|-----------|--------|-------------------|-----|-----------|------------|
| Method: RA-05 | | | | | | | | | | Batch: RA | 228-2702 |
| Sample ID: LCS-228-RA226-3726 | L | aboratory Cor | ntrol Sample | | | Run: TENN | ELEC-3 | _090607E | | 06/16 | /09 09:36 |
| Radium 228 | | 8.8 | pCi/L | | 99 | 70 | | 130 | | | |
| Sample ID: MB-RA226-3726 | <u>3</u> N | Method Blank | | | | Run: TENN | ELEC-3 | _090607E | | 06/16 | /09 09:36 |
| Radium 228 | | 0.3 | pCi/L | | | | | | | | U |
| Radium 228 precision (±) | | 0.8 | pCi/L | | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | |
| Sample ID: C09060201-007DMS | S | ample Matrix | Spike | | | Run: TENN | ELEC-3 | - | | 06/16 | /09 09:36 |
| Radium 228 | | 21 | pCi/L | 1 | 10 | 70 | | 130 | | | |
| Sample ID: C09060201-007DMSD | 9 | Sample Matrix | Spike Duplicate | | | Run: TENN | ELEC-3 | _ | | | /09 09:36 |
| Radium 228 | | 22 | pCi/L | 1 | 116 | 70 | | 130 | 5.1 | 34.6 | |
| Method: RA-05 | | | | <u> </u> | | | | | | Batch: RA | 1228-2704 |
| Sample ID: LCS-228-RA226-3728 | L | aboratory Cor | ntrol Sample | | | Run: TENN | ELEC-3 | _090608A | | 06/16 | 709 14:42 |
| Radium 228 | | 7.67 | pCi/L | | 93 | 70 | | 130 | | | |
| Sample ID: MB-RA226-3728 | <u>3</u> N | lethod Blank | | | | Run: TENN | ELEC-3 | _090608A | | 06/16 | 6/09 14:42 |
| Radium 228 | | -0.4 | pCi/L | | | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | |
| Sample ID: C09060201-010DMS | 5 | Sample Matrix | Spike | | | Run: TENN | ELEC-3 | _090608A | | 06/16 | 6/09 14:42 |
| Radium 228 | | 21.7 | pCi/L | | 95 | 70 | | 130 | | | |
| Sample ID: C09060201-010DMSE |) 5 | Sample Matrix | Spike Duplicate | | | Run: TENN | ELEC-3 | _090608A | | | 3/09 14:42 |
| Radium 228 | | 22.3 | pCi/L | | 99 | 70 | | 130 | 2.7 | 29.9 | |
| Method: RA-05 | | | | | | | | | | Batch: R/ | A228-270 |
| Sample ID: LCS-228-RA226-3729 | L | aboratory Co | ntrol Sample | | | Run: TENN | ELEC-3 | 3_090608B | | 06/17 | 7/09 13:20 |
| Radium 228 | | 8.54 | pCi/L | | 98 | 70 | | 130 | | | |
| Sample ID: MB-RA226-3729 | <u>3</u> N | Method Blank | | | | Run: TENN | ELEC-3 | 3_0906 08B | | 06/17 | 7/09 13:20 |
| Radium 228 | | 0.05 | pCi/L | | | | | | | | U |
| Radium 228 precision (±) | | 0.6 | pCi/L | | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | |
| Sample ID: C09060266-005DMS | 8 | Sample Matrix | Spike | | | Run: TENN | ELEC-3 | _ | | 06/17 | 7/09 13:20 |
| Radium 228 | | 23.1 | pCi/L | | 82 | 70 | | 130 | | | |
| Sample ID: C09060266-005DMS0 |) (| Sample Matrix | Spike Duplicate | | | Run: TENN | ELEC- | 3_090608B | | | 7/09 13:20 |
| Radium 228 | | 22.7 | pCi/L | | 80 | 70 | | 130 | 1.7 | 28.1 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



Client: UR Energy USA Inc

Report Date: 07/11/09

Project: Lost Creek

| Analyte | Count | Result | Units | RL | %REC | Low Limi | t High | Limit | RPD | RPDLimit | Qual |
|-------------------------------|-------------|-------------|-----------------|----|------|----------|--------|-----------|-----|-----------|-----------|
| Method: RA-05 | - | | | | | | | | | Batch: RA | 228-2711 |
| Sample ID: LCS-228-RA226-3734 | Lab | oratory Cor | trol Sample | | | Run: TEN | NELEC- | 3_090609 | 9A | 06/12 | /09 10:58 |
| Radium 228 | | 8.81 | pCi/L | | 110 | 70 | | 130 | | | |
| Sample ID: MB-RA226-3734 | <u>3</u> Me | thod Blank | | | | Run: TEN | NELEC- | 3_090609 | 9A | 06/12 | /09 10:58 |
| Radium 228 | | -0.8 | pCi/L | | | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | |
| Sample ID: C09060266-015DMS | Sai | mple Matrix | Spike | | | Run: TEN | NELEC- | 3_090609 | 9A | 06/12 | /09 10:58 |
| Radium 228 | | 24.1 | pCi/L | | 104 | 70 |) | 130 | | | |
| Sample ID: C09060266-015DMSE |) Sai | mple Matrix | Spike Duplicate | | | Run: TEN | NELEC- | -3_090609 | 9A | 06/12 | /09 10:58 |
| Radium 228 | | 23.4 | pCi/L | | 100 | 70 |) | 130 | 2.8 | 30.2 | |

| ENERGY |
|--------------|
| LABORATORIES |

Chain of Custody and Analytical Request Record PLEASE PRINT- Provide as much information as possible.

| Page | _ | of | <u>ک</u> |
|------|---|----|----------|
| _ | ~ | | |

| Company Name: | Project Nam | | | | <u> </u> | | | | | Sampl | e Origin | EPA/St | ate Compliance: |
|---|---|---|------------|----------------|--------------|-------------------|---------------|----------|-------------------------|-----------|----------------------------------|----------|--------------------|
| |) · . | Cres | • | , | | | | | | State: | WY_ | Yes □ | No 🖳 |
| UK Cologif | <i>しかり</i> Contact Nar | | <u> </u> | Phone | /Eav | | | | | Email: | | Sample | er: (Please Print) |
| Report Mail Address: Sero Edesprise of South 200 | Contact Nar | ne. | | FIIOHE | i ax. | | | | | | | | |
| _ | T/ / | ./ | 707-76 | C-237 | 3 in | hr.ca | che | w | - ea | T1944 | sa-Len | | |
| Cesper WY 92609 Invoice Address: | Invoice Con | itact & | Phone: | " — | | | | | Ī | Purch | ase Order: | Quote/l | Bottle Order: |
| (Illvoice Address: | | | | | | | | | | | | ļ | |
| | | 1 , | | vala i | 20200 | | 7 2 60 | | | | Contact ELI prior | | Shipped by: |
| Special Report/Formats – ELI must be notified | Ob | | AKKATE, | <u> </u> | KIZEJU | ngsin | שוו | | | R | RUSH sample su | ıbmittal | Cooler ID(s): |
| prior to sample submittal for the following: | 20 SE | | j | | | | | | E | | for charges and scheduling - See | | 160 |
| UR Energy Excel Sheet | Number of Containers Sample Type: A W S V B O Air Water Soils/Solids Vegetation Bloassay Other | | | | | | | ATTACHED | Normal Turnaround (TAT) | | Instruction Page | | 1 1/4 |
| _ | A W Silis/ | | ' | | | | ļ | 픙 | Ē | U | Comments: | | Receipt Terrip ° C |
| ☐ DW ☐ A2LA ☐ EDD/EDT(Electronic Data) | | | | | | | | ١≥ | <u>آ</u> | | | | On JGB |
| GSA EDD/EDT(Electronic Data) POTW/WWTP Format: | ation Table | 00 | Ì | | | | | ┡╽ | Ĕ | S | | | Yes No |
| State: LEVEL IV | Alr \geta | 1 | ļ | | | | | | <u>m</u> | | ı | | Custody Seal Y |
| ☐ State: ☐ LEVEL IV ☐ Other: ☐ NELAC | Sal | | | | | | | 믮 | Ĕ | Н | | | Bottles/ B C |
| | | 10 | | | | Ĭ | 1 | ٠ | ž | | | | Intact Y N |
| SAMPLE IDENTIFICATION Collection Collection | MATRIX | اکغ | | , | | | | | | | | | Signature Y N |
| (Name, Location, Interval, etc.) Date Time | WATER | 3 | | | + | | + + | | | | | | Materi |
| MO-104 # 43 6-3-69 | W zgal | | | | 1 | | 1 | | | | | | |
| 2 Mp-104 #44 | | $\downarrow \downarrow$ | | | _ | | | | | | | | |
| 3 Mn-104 # 45 | (| $\downarrow \downarrow \downarrow$ | | | | | _ | | | | | | inn |
| 1 10- De #46 | | $\downarrow \downarrow \downarrow \downarrow$ | | - | 1 | _ | - | | | | | | |
| 5 MP-106 +147 | | $\perp \downarrow \downarrow$ | | | +-+ | | | | | | <u> </u> | | |
| 6 My 106 # 48 | <u> </u> | | | | | | 1 | | | | | | 0 |
| 7 MO-107 # 49 | | 171 | | | 1 | _ | <u> </u> | | | | | | RAT |
| 8 MP-107 #50 | | $\downarrow \downarrow \downarrow$ | | | \downarrow | | - | | | | 1.0 | | <u> </u> |
| 9 Mu-107 #51 | | | | | \perp | | - | | | | Cogaeo | 301 | |
| 10 M-133 #52 | | | \searrow | <u> </u> | | l bra (in single) | | | L | Date/Time | | Signa | |
| Clistody Relinquished by (print): Date/Time: | _Sig | 10 | | | - Jewal | Lby (print): | . / . < | _ | | - 4-6 | | | 2 |
| Decord Frag /Bw/ 6 109 17,00 | . Sigr | nature | 1 | | Receive | by (print) |): | _ | | Date/Time | | elgna | ature: |
| MUST be Japan 6-4-09 8 | .Zo | | | | Receive | d by Lajbo | ratory: | | | Date/Time | | Signa | ature: |
| Signed Sample Disposal: Return to Client: | Lab Disp | osal: | | | Ante | alo | 180 | | <u></u> | ate/Time | 29 820 | | |
| - Calibio Disposali | . | | | | rjr u | | _ | | | C | | ب | |



Chain of Custody and Analytical Request Record

| Page | 2 | of | ح |
|------|----------|------|---|
| rage | <u> </u> | _ 01 | |

| Company Name: | | ne, PWS, Permit, Et | information as possible. C. | | Sample Origin | EPA/State Compliance: |
|---|--|---------------------|--|--|---|---|
| | 157 | Cont | | | State: WY | Yes No 🗗 |
| Report Mail Address! Strong Enterprise Dr Suite 200 | Contact Nar | ne: Ph | one/Fax: | · | Email: | Sampler: (Please Print) |
| (ason U. 87/05 | The Cas | £ 307-765- | 2773 john.cock | A | -paer-ilse .com | |
| Invoice Address: | Invoice Con | tact & Phone: | | | Purchase Order: | Quote/Bottle Order: |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: Ul Every Exre Sheet DW | Number of Containers Sample Type: A W S V B O Air Water Soils/Soilds Vegetation Bloassay Other | AMALYSI 8 | | SEE A I I ACHED Normal Turnaround (TAT) | Contact ELI prior RUSH sample su for charges and scheduling – See Instruction Page Comments: H | Receipt Tomp Cooler ID(s): Cooler |
| SAMPLE IDENTIFICATION Collection Collection (Name, Location, Interval, etc.) | MATRIX | 2 | | | | Intact Y N Signature Y N Match |
| Ma-108 #53 6-309 | hi Zgas | | | | | \searrow |
| ² MP- 168 #54 | | | | | | ONIT |
| 3 MO-109 #55 | | | | | | |
| 4 MP-109 #56 | |) | | | | |
| 5 Mu-109 #57 | | | | | | |
| 6 MP-113 #58 | | | | | | <u>OR</u> |
| ⁷ M-134 #59 | | | | | | A |
| 8 | | / | | | | <u> </u> |
| 9 | | | | | 09060 | 201 |
| 10 | 1 | 1 | | | | |
| Relinquished by (print): Date/Time: Relinquished by (print): Date/Time: Relinquished by (print): Date/Time: MUST be Jacob 4-09 8.2 | | ature: | Received by (print): Received by (print): | 6 | ate/Time: - 4-0 9 - 7. 20 Date/Time: | Signature: |
| Signed Sample Disposal: Return to Client: | Lab Dispos | sal: | Received by Laboratory: | <u>~</u> | Columbia 520 | Signature |

Energy Laboratories Inc Workorder Receipt Checklist



Date and Time Bessived: 8/4/2000 9:20 AM

UR Energy USA Inc

| Login completed by: Corinne vvagner | Date and Time Received. 6/4/2009 6.20 Aivi | | | |
|---|--|------|------------------------|----------|
| Reviewed by: | Received by: al | | | |
| Reviewed Date: | Carrier name: Hand Del | | | |
| | | | | |
| Shipping container/cooler in good condition? | Yes 🗹 | No 🗀 | Not Present | |
| Custody seals intact on shipping container/cooler? | Yes 🗌 | No 🗌 | Not Present 🗸 | |
| Custody seals intact on sample bottles? | Yes 🗌 | No 🔲 | Not Present 🗹 | |
| Chain of custody present? | Yes 🗸 | No 🔲 | | |
| Chain of custody signed when relinquished and received? | Yes 🔽 | No 🗀 | | |
| Chain of custody agrees with sample labels? | Yes 🗸 | No 🗌 | | |
| Samples in proper container/bottle? | Yes 🗹 | No 🗀 | | |
| Sample containers intact? | Yes 🗸 | No 🗀 | | |
| Sufficient sample volume for indicated test? | Yes 🔽 | No 🔲 | | |
| All samples received within holding time? | Yes 🗹 | No 🗀 | | |
| Container/Temp Blank temperature: | 4°C | | | |
| Water - VOA vials have zero headspace? | Yes 📋 | No 🗀 | No VOA vials submitted | Z |
| Water - pH acceptable upon receipt? | Yes 🗹 | No 🗌 | Not Applicable | |
| | | | | |

Contact and Corrective Action Comments:

Metals samples were preserved with 2 mL HNO3 upon receipt to pH <2 in the laboratory. In accordance with the Clean Water Act, these samples must be held for 24 hours prior to analysis. Samples for dissolved metals were subsampled, filtered and preserved with 2 mL HNO3 in lab upon receipt to pH <2.



ANALYTICAL SUMMARY REPORT

July 15, 2009

UR Energy USA Inc 10758 W Centennial Rd Ste 200 Ken Caryl Ranch, CO 80127

Workorder No.: C09060201

Quote ID: C2998 - Baseline Monitoring

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 17 samples for UR Energy USA Inc on 6/4/2009 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|---------------|------------------|----------------|--------------|---------|--|
| C09060201-001 | | 06/03/09 00:00 | 06/04/09 | Aqueous | Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved |
| 09060201-002 | MP-104 | 06/03/09 00:00 | 06/04/09 | Aqueous | Same As Above |
| 09060201-003 | MU-104 | 06/03/09 00:00 | 06/04/09 | Aqueous | Same As Above |
| C09060201-004 | MO-106 | 06/03/09 00:00 | 06/04/09 | Aqueous | Same As Above |
| C09060201-005 | MP-106 | 06/03/09 00:00 | 06/04/09 | Aqueous | Same As Above |
| C09060201-006 | MU-106 | 06/03/09 00:00 | 06/04/09 | Aqueous | Same As Above |
| C09060201-007 | ′ MO-107 | 06/03/09 00:00 | 06/04/09 | Aqueous | Same As Above |
| C09060201-008 | MP-107 | 06/03/09 00:00 | 06/04/09 | Aqueous | Same As Above |
| C09060201-009 | MU-107 | 06/03/09 00:00 | 06/04/09 | Aqueous | Same As Above |
| C09060201-010 |) M-133 | 06/03/09 00:00 | 06/04/09 | Aqueous | Same As Above |
| C09060201-011 | MO-108 | 06/03/09 00:00 | 06/04/09 | Aqueous | Same As Above |
| C09060201-012 | 2 MP-108 | 06/03/09 00:00 | 06/04/09 | Aqueous | Same As Above |
| C09060201-013 | 3 MO-109 | 06/03/09 00:00 | 06/04/09 | Aqueous | Same As Above |
| C09060201-014 | 1 MP-109 | 06/03/09 00:00 | 06/04/09 | Aqueous | Same As Above |
| C09060201-01 | 5 MU-109 | 06/03/09 00:00 | 06/04/09 | Aqueous | Same As Above |
| C09060201-016 | 6 MP-113 | 06/03/09 00:00 | 06/04/09 | Aqueous | Same As Above |
| C09060201-013 | 7 M-134 | 06/03/09 00:00 | 0 06/04/09 | Aqueous | Same As Above |

CLIENT:

UR Energy USA Inc

Project:

Lost Creek

Sample Delivery Group: C09060201

Date: 14-Jul-09 CASE NARRATIVE

PREP COMMENTS

The prep holding time for the Filtration of dissolved metals was exceeded by up to 3.6 days.

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS

Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS

The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505

Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT

eli-g - Energy Laboratories, Inc. - Gillette, WY

eli-h - Energy Laboratories, Inc. - Helena, MT

eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA;

Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER, WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT



ANALYTICAL SUMMARY REPORT

July 15, 2009

UR Energy USA Inc 10758 W Centennial Rd Ste 200 Ken Caryl Ranch, CO 80127

Workorder No.: C09060266

Quote ID: C2998 - Baseline Monitoring

Project Name:

Lost Creek

Energy Laboratories, Inc. received the following 16 samples for UR Energy USA Inc on 6/5/2009 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|-----------------|------------------|---------------|--------------|---------|--|
| C09060266-00 | 01 MO-103 | 06/04/09 0:00 | 06/05/09 | Aqueous | Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved |
| 09060266-0 | 02 MP-103 | 06/04/09 0:00 | 06/05/09 | Aqueous | Same As Above |
| C09060266-0 | 03 MU-103 | 06/04/09 0:00 | 06/05/09 | Aqueous | Same As Above |
| C09060266-0 | 04 MO-105 | 06/04/09 0:00 | 06/05/09 | Aqueous | Same As Above |
| C09060266-0 | 005 MP-105 | 06/04/09 0:00 | 06/05/09 | Aqueous | Same As Above |
| C09060266-0 | 006 MU-105 | 06/04/09 0:00 | 06/05/09 | Aqueous | Same As Above |
| C09060266-0 | 007 KPW-2 | 06/04/09 0:00 | 06/05/09 | Aqueous | Same As Above |
| C09060266-0 | 008 M-135 | 06/04/09 0:00 | 06/05/09 | Aqueous | Same As Above |
| C09060266-0 | 009 MU-101 | 06/04/09 0:00 | 06/05/09 | Aqueous | Same As Above |
| C09060266-0 |)10 MP-101 | 06/04/09 0:00 | 06/05/09 | Aqueous | Same As Above |
| C09060266-0 | | 06/04/09 0:00 | 06/05/09 | Aqueous | Same As Above |
| C09060266-0 | 012 MO-102 | 06/04/09 0:00 | 06/05/09 | Aqueous | Same As Above |
| C09060266-0 | 013 MP-102 | 06/04/09 0:00 | 06/05/09 | Aqueous | Same As Above |
| C09060266-0 | 014 MU-102 | 06/04/09 0:00 | 06/05/09 | Aqueous | Same As Above |
| C09060266-0 | 015 MP-111 | 06/04/09 0:00 | 06/05/09 | Aqueous | Same As Above |
| C09060266-0 | 016 M-136 | 06/04/09 0:00 | 06/05/09 | Aqueous | Same As Above |



ANALYTICAL SUMMARY REPORT

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By:

Stephanie D. Waldrop
Reporting Supervisor



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-001

Client Sample ID: MO-103

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 114 | mg/L | | 1 | | A2320 B | 06/09/09 23:56 / Iji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/09/09 23:56 / ljl |
| Bicarbonate as HCO3 | 139 | mg/L | | 1 | | A2320 B | 06/09/09 23:56 / ljl |
| Calcium | 79 | mg/L | | 1 | | E200.7 | 06/15/09 19:01 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/12/09 02:51 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 19:02 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/15/09 19:01 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/15/09 11:34 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.10 | mg/L | | 0.05 | | E353.2 | 06/10/09 10:56 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/15/09 19:01 / aae |
| Silica | 15.4 | mg/L | | 0.2 | | E200.7 | 06/19/09 19:29 / cp |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 06/15/09 19:01 / aae |
| Sulfate | 174 | mg/L | | 1 | | E300.0 | 06/12/09 02:51 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 580 | umhos/cm | | 1 | | A2510 B | 06/05/09 15:15 / dd |
| Н | 7.83 | s.u. | | 0.01 | | A4500-H B | 06/05/09 15:15 / dd |
| Solids, Total Dissolved TDS @ 180 C | 426 | mg/L | | 10 | | A2540 C | 06/08/09 09:10 / emn |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 18:06 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 06/09/09 18:06 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 18:06 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 19:29 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 18:06 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 18:06 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 18:06 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 19:29 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 18:06 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 18:06 / ts |
| Mercury | ND | mg/L . | | 0.001 | | E200.8 | 06/09/09 18:06 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 18:06 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 18:06 / ts |
| Selenium | 0.014 | mg/L | | 0.001 | | E200.8 | 06/09/09 18:06 / ts |
| Uranium | 0.464 | mg/L | | 0.0003 | | E200.8 | 06/09/09 18:06 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 18:06 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 18:06 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/22/09 13:23 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/22/09 13:23 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-001

Client Sample ID: MO-103

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 458 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Alpha precision (±) | 10.1 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta | 110 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta precision (±) | 3.0 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/26/09 01:14 / cgr |
| Radium 226 | 3.4 | pCi/L | | | | E903.0 | 06/25/09 22:17 / trs |
| Radium 226 precision (±) | 0.38 | pCi/L | | | | E903.0 | 06/25/09 22:17 / trs |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/25/09 22:17 / trs |
| Radium 228 | 2.4 | pCi/L | | | | RA-05 | 06/16/09 14:42 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/16/09 14:42 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/16/09 14:42 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.11 | % | | | | Calculation | 06/19/09 08:03 / kbh |
| Anions | 6.10 | meq/L | | | | Calculation | 06/19/09 08:03 / kbh |
| Cations | 5.73 | meq/L | | | | Calculation | 06/19/09 08:03 / kbh |
| Solids, Total Dissolved Calculated | 367 | mg/L | | | | Calculation | 06/19/09 08:03 / kbh |
| TDS Balance (0.80 - 1.20) | 1.16 | • | | | | Calculation | 06/19/09 08:03 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-002

Client Sample ID: MP-103

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 108 | mg/L | | 1 | | A2320 B | 06/10/09 00:04 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/10/09 00:04 / ljl |
| Bicarbonate as HCO3 | 132 | mg/L | | 1 | | A2320 B | 06/10/09 00:04 / ljl |
| Calcium | 77 | mg/L | | 1 | | E200.7 | 06/15/09 19:35 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/12/09 03:37 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 19:06 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/15/09 19:35 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/15/09 11:38 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/10/09 10:57 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/15/09 19:35 / aae |
| Silica | 15.1 | mg/L | | 0.2 | | E200.7 | 06/19/09 20:21 / cp |
| Sodium | 34 | mg/L | | 1 | | E200.7 | 06/15/09 19:35 / aae |
| Sulfate | 167 | mg/L | | 1 | | E300.0 | 06/12/09 03:37 / Ijl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 556 | umhos/cm | | 1 | | A2510 B | 06/05/09 15:17 / dd |
| pH | 7.69 | s.u. | | 0.01 | | A4500-H B | 06/05/09 15:17 / dd |
| Solids, Total Dissolved TDS @ 180 C | 404 | mg/L | | 10 | | A2540 C | 06/08/09 09:10 / emn |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 18:13 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 18:13 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 18:13 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 20:21 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 18:13 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 18:13 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 18:13 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 20:21 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 18:13 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 18:13 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 18:13 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 18:13 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 18:13 / ts |
| Selenium | 0.003 | mg/L | | 0.001 | | E200.8 | 06/09/09 18:13 / ts |
| Uranium | 0.0640 | mg/L | | 0.0003 | | E200.8 | 06/09/09 18:13 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 18:13 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 18:13 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/22/09 13;35 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/22/09 13:35 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-002

Client Sample ID: MP-103

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 296 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha precision (±) | 8.0 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha MDC | 1.9 | pÇi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta | 123 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta precision (±) | 3.1 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Radium 226 | 118 | pCi/L | | | | E903.0 | 06/25/09 22:17 / trs |
| Radium 226 precision (±) | 2.2 | pCi/L | | | | E903.0 | 06/25/09 22:17 / trs |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/25/09 22:17 / trs |
| Radium 228 | 1.7 | pCi/L | | | | RA-05 | 06/16/09 14:42 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/16/09 14:42 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/16/09 14:42 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -0.863 | % | | | | Calculation | 06/19/09 08:04 / kbh |
| Anions | 5.80 | meq/L | | | | Calculation | 06/19/09 08:04 / kbh |
| Cations | 5.70 | meq/L | | | | Calculation | 06/19/09 08:04 / kbh |
| Solids, Total Dissolved Calculated | 355 | mg/L | | | | Calculation | 06/19/09 08:04 / kbh |
| TDS Balance (0.80 - 1.20) | 1.14 | | | | | Calculation | 06/19/09 08:04 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-003

Client Sample ID: MU-103

Report Date: 07/15/09

Collection Date: 06/04/09 DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 92 | mg/L | | 1 | | A2320 B | 06/10/09 00:26 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/10/09 00:26 / ljl |
| Bicarbonate as HCO3 | 112 | mg/L | | 1 | | A2320 B | 06/10/09 00:26 / ljl |
| Calcium | 45 | mg/L | | 1 | | E200.7 | 06/19/09 20:25 / cp |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 06/12/09 03:52 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 19:18 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/19/09 20:25 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/15/09 11:39 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/10/09 10:58 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/19/09 20:25 / cp |
| Silica | 15.9 | mg/L | | 0.2 | | E200.7 | 06/19/09 20:25 / cp |
| Sodium | 24 | mg/L | | 1 | | E200.7 | 06/19/09 20:25 / cp |
| Suifate | 90 | mg/L | | 1 | | E300.0 | 06/12/09 03:52 / lji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 385 | umhos/cm | | 1 | | A2510 B | 06/05/09 15:19 / dd |
| Hq | 8.17 | s.u. | | 0.01 | | A4500-H B | 06/05/09 15:19 / dd |
| Solids, Total Dissolved TDS @ 180 C | 290 | mg/L | | 10 | | A2540 C | 06/08/09 09:10 / emn |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 18:20 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 06/09/09 18:20 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 18:20 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 20:25 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 18:20 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 18:20 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 18:20 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 20:25 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 18:20 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 18:20 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 18:20 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 18:20 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 18:20 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 18:20 / ts |
| Uranium | 0.0093 | mg/L | Í | 0.0003 | | E200.8 | 06/09/09 18:20 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 18:20 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 18:20 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 0.69 | mg/L | | 0.03 | | E200.8 | 06/10/09 22:52 / sml |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.8 | 06/10/09 22:52 / sml |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-003

Client Sample ID: MU-103

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| | | | | | MCL/ | | |
|------------------------------------|--------|-------|------------|----|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 31.0 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha precision (±) | 2.5 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta | 17.9 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Radium 226 | 4.0 | pCi/L | | | | E903.0 | 06/16/09 09:09 / jah |
| Radium 226 precision (±) | 0.45 | pCi/L | | | | E903.0 | 06/16/09 09:09 / jah |
| Radium 226 MDC | 0.24 | pCi/L | | | | E903.0 | 06/16/09 09:09 / jah |
| Radium 228 | 3.2 | pCi/L | | | | RA-05 | 06/12/09 10:58 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/12/09 10:58 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 06/12/09 10:58 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.77 | % | | | | Calculation | 06/23/09 10:06 / kbh |
| Anions | 3.83 | meq/L | | | | Calculation | 06/23/09 10:06 / kbh |
| Cations | 3.49 | meq/L | | | | Calculation | 06/23/09 10:06 / kbh |
| Solids, Total Dissolved Calculated | 242 | mg/L | | | | Calculation | 06/23/09 10:06 / kbh |
| TDS Balance (0.80 - 1.20) | 1.20 | = | | | | Calculation | 06/23/09 10:06 / kbh |
| , | | | | | | | |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-004

Client Sample ID: MO-105

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 105 | mg/L | | 1 | | A2320 B | 06/10/09 00:33 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/10/09 00:33 / ljl |
| Bicarbonate as HCO3 | 129 | mg/L | | 1 | | A2320 B | 06/10/09 00:33 / ljl |
| Calcium | 56 | mg/L | | 1 | | E200.7 | 06/15/09 19:46 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/12/09 04:08 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 19:21 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/15/09 19:46 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/15/09 11:40 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 0.15 | mg/L | | 0.05 | | E353.2 | 06/10/09 10:52 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/15/09 19:46 / aae |
| Silica | 15.1 | mg/L | | 0.2 | | E200.7 | 06/19/09 20:29 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/15/09 19:46 / aae |
| Sulfate | 122 | mg/L | | 1 | | E300.0 | 06/12/09 04:08 / IjI |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 469 | umhos/cm | | 1 | | A2510 B | 06/05/09 15:22 / dd |
| Hq | 7.91 | s.u. | | 0.01 | | A4500-H B | 06/05/09 15:22 / dd |
| Solids, Total Dissolved TDS @ 180 C | 336 | mg/L | | 10 | | A2540 C | 06/08/09 09:11 / emn |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 18:27 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 06/09/09 18:27 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 18:27 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 20:29 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 18:27 / ts |
| Chromium | ND | mg/L | | 0.05 | | €200.8 | 06/09/09 18:27 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 18:27 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 20:29 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 18:27 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 18:27 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 18:27 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 18:27 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 18:27 / ts |
| Selenium | 0.016 | mg/L | | 0.001 | | E200.8 | 06/09/09 18:27 / ts |
| Uranium | 0.313 | mg/L | | 0.0003 | | E200.8 | 06/09/09 18:27 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 18:27 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 18:27 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | 0.06 | mg/L | | 0.03 | | E200.7 | 06/22/09 13:43 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/22/09 13:43 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-004

Client Sample ID: MO-105

Report Date: 07/15/09

Collection Date: 06/04/09 DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|-----------------------|
| RADIONUCLIDES - DISSOLVED | | · | | | | | |
| Gross Alpha | 372 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha precision (±) | 8.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta | 91.5 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta precision (±) | 2.8 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Radium 226 | 2.7 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 226 precision (±) | 0.34 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 226 MDC | 0.19 | pCi/L | | | | E903.0 | 06/22/09 10:39 / trs |
| Radium 228 | 3,3 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 precision (±) | 0.7 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 MDC | 1 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.92 | % | | | | Calculation | 06/19/09 08:05 / kbh |
| Anions | 4.80 | meq/L | | | | Calculation | 06/19/09 08:05 / kbh |
| Cations | 4.44 | meq/L | | | | Calculation | 06/19/09 08:05 / kbh |
| Solids, Total Dissolved Calculated | 283 | mg/L | | | | Calculation | 06/19/09 08:05 / kbh |
| TDS Balance (0.80 - 1.20) | 1.19 | - | | | | Calculation | 06/19/09 08:05 / kbh; |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-005

Client Sample ID: MP-105

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | | CL/ | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|----------|-----|-----------|------------------------|
| MAJOR IONS | | | <u> </u> | | | | |
| Alkalinity, Total as CaCO3 | 87 | mg/L | | 1 | | A2320 B | 06/10/09 01:03 / lji |
| Carbonate as CO3 | 1 | mg/L | | 1 | | A2320 B | 06/10/09 01:03 / Ijl |
| Bicarbonate as HCO3 | 104 | mg/L | | 1 | | A2320 B | 06/10/09 01:03 / Ijl |
| Calcium | 56 | mg/L | | 1 | | E200.7 | 06/15/09 19:51 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/12/09 22:04 / ljl |
| Fluoride | 0.1 | mg/L | | , 0.1 | | A4500-F C | 06/08/09 19:24 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/15/09 19:51 / aae |
| | ND | mg/L | | 0.05 | | E350.1 | 06/15/09 11:42 / eli-b |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E353.2 | 06/10/09 10:59 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | 6 | mg/L | | 1 | | E200.7 | 06/15/09 19:51 / aae |
| Potassium | 14.8 | mg/L | | 0.2 | | E200.7 | 06/19/09 20:33 / cp |
| Silica | 32 | • | | 1 | | E200.7 | 06/15/09 19:51 / aae |
| Sodium | | mg/L | | 1 | | E300.0 | 06/12/09 22:04 / ljl |
| Sulfate | 134 | mg/L | | ' | | L300.0 | 00/12/00 ZZ:04 / iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 470 | umhos/cm | | 1 | | A2510 B | 06/05/09 15:23 / dd |
| pH | 8.28 | s.u. | | 0.01 | | A4500-H B | 06/05/09 15:23 / dd |
| Solids, Total Dissolved TDS @ 180 C | 343 | mg/L | | 10 | | A2540 C | 06/08/09 09:11 / emn |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 19:01 / ts |
| Arsenic | 0.016 | mg/L | | 0.001 | | E200.8 | 06/09/09 19:01 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 19:01 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 20:33 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 19:01 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 19:01 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 19:01 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 20:33 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 19:01 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 19:01 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 19:01 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 19:01 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 19:01 / ts |
| Selenium | 0.005 | mg/L | | 0.001 | | E200.8 | 06/09/09 19:01 / ts |
| Uranium | 0.430 | mg/L | | 0.0003 | | E200.8 | 06/09/09 19:01 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 19:01 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 19:01 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/22/09 13:47 / cp |
| II VO | ND | mg/L | | 0.01 | | E200.7 | 06/22/09 13:47 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-005

Client Sample ID: MP-105

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| | D14 | | 0 | Di | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | - GOL | Metriod | Allalysis Dato / Dy |
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 751 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha precision (±) | 12.2 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta | 318 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta precision (±) | 4.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Radium 226 | 498 | pCi/L | | | | E903.0 | 06/22/09 12:11 / trs |
| Radium 226 precision (±) | 6.2 | pCi/L | | | | E903.0 | 06/22/09 12:11 / trs |
| Radium 226 MDC | 0.37 | pCi/L | | | | E903.0 | 06/22/09 12:11 / trs |
| Radium 228 | 8.9 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 precision (±) | 1.6 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| Radium 228 MDC | 2.0 | pCi/L | | | | RA-05 | 06/17/09 13:20 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.50 | % | | | | Calculation | 06/19/09 08:06 / kbh |
| Anions | 4.68 | meq/L | | | | Calculation | 06/19/09 08:06 / kbh |
| Cations | 4.54 | meq/L | | | | Calculation | 06/19/09 08:06 / kbh |
| Solids, Total Dissolved Calculated | 288 | mg/L | | | | Calculation | 06/19/09 08:06 / kbh |
| TDS Balance (0.80 - 1.20) | 1.19 | J | | | | Calculation | 06/19/09 08:06 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-006

Client Sample ID: MU-105

Report Date: 07/15/09

Collection Date: 06/04/09 DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| | - | | | | | | |
| MAJOR IONS | | | | | | 40200 B | 06/10/09 01:11 / ljl |
| Alkalinity, Total as CaCO3 | 97 | mg/L | | 1 | | A2320 B | • |
| Carbonate as CO3 | 1 | mg/L | | 1 | | A2320 B | 06/10/09 01:11 / ljl |
| Bicarbonate as HCO3 | 116 | mg/L | | 1 | | A2320 B | 06/10/09 01:11 / ljl |
| Calcium | 46 | mg/L | | 1 | | E200.7 | 06/19/09 20:37 / cp |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 06/12/09 22:50 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 19:26 / Ijl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/19/09 20:37 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/15/09 11:43 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/10/09 11:01 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/19/09 20:37 / cp |
| Silica | 15.9 | mg/L | | 0.2 | | E200.7 | 06/19/09 20:37 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 06/19/09 20:37 / cp |
| Sulfate | 98 | mg/L | | 1 | | E300.0 | 06/12/09 22:50 / Iji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 412 | umhos/cm | | 1 | | A2510 B | 06/05/09 15:25 / dd |
| pH | 8.32 | s.u. | | 0.01 | | A4500-H B | 06/05/09 15:25 / dd |
| Solids, Total Dissolved TDS @ 180 C | 297 | mg/L | | 10 | | A2540 C | 06/08/09 09:13 / emn |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:17 / ts |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 06/09/09 21:17 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:17 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 20:37 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 21:17 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 21:17 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 21:17 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 20:37 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 21:17 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 21:17 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 21:17 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:17 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 21:17 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 21:17 / ts |
| Uranium | 0.0231 | mg/L | | 0.0003 | | E200.8 | 06/09/09 21:17 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:17 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 21:17 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/22/09 13:51 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/22/09 13:51 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-006

Client Sample ID: MU-105

Report Date: 07/15/09 Collection Date: 06/04/09 DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 150 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha precision (±) | 5.3 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta | 55.2 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta precision (±) | 2.4 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Radium 226 | 58 | pCi/L | | | | E903.0 | 06/22/09 10:55 / jah |
| Radium 226 precision (±) | 1.6 | pCi/L | | | | E903.0 | 06/22/09 10:55 / jah |
| Radium 226 MDC | 0.22 | pCi/L | | | | E903.0 | 06/22/09 10:55 / jah |
| Radium 228 | 4.2 | pCi/L | | | | RA-05 | 06/17/09 15:28 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 06/17/09 15:28 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 06/17/09 15:28 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.05 | % | | | | Calculation | 06/23/09 10:06 / kbh |
| Anions | 4.11 | meq/L | | | | Calculation | 06/23/09 10:06 / kbh |
| Cations | 3.79 | meq/L | | | | Calculation | 06/23/09 10:06 / kbh |
| Solids, Total Dissolved Calculated | 261 | mg/L | | | | Calculation | 06/23/09 10:06 / kbh |
| TDS Balance (0.80 - 1.20) | 1.14 | - | | | | Calculation | 06/23/09 10:06 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-007

Client Sample ID: KPW-2

Report Date: 07/15/09

Collection Date: 06/04/09 DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | _ | | | | | |
| Alkalinity, Total as CaCO3 | 103 | mg/L | | 1 | | A2320 B | 06/10/09 01:18 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/10/09 01:18 / ljl |
| Bicarbonate as HCO3 | 126 | mg/L | | 1 | | A2320 B | 06/10/09 01:18 / ljl |
| Calcium | 55 | mg/L | | 1 | | E200.7 | 06/15/09 20:02 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/12/09 23:52 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 19:29 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/15/09 20:02 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/15/09 11:44 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/10/09 11:02 / eli-b |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 06/15/09 20:02 / aae |
| Silica | 16.8 | mg/L | | 0.2 | | E200.7 | 06/19/09 20:50 / cp |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 06/15/09 20:02 / aae |
| Sulfate | 117 | mg/L | | 1 | | E300.0 | 06/12/09 23:52 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 467 | umhos/cm | | 1 | | A2510 B | 06/05/09 15:37 / dd |
| pH | 7.89 | s.u. | | 0.01 | | A4500-H B | 06/05/09 15:37 / dd |
| Solids, Total Dissolved TDS @ 180 C | 337 | mg/L | | 10 | | A2540 C | 06/08/09 09:13 / emn |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:24 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 06/09/09 21:24 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:24 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 20:50 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 21:24 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 21:24 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 21:24 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 20:50 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 21:24 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 21:24 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 21:24 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:24 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 21:24 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 21:24 / ts |
| Uranium | 0.0186 | mg/L | | 0.0003 | | E200.8 | 06/09/09 21:24 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:24 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 21:24 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/22/09 13:55 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/22/09 13:55 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-007

Client Sample ID: KPW-2

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|-------------|----|-------------|-------------|-----------------------------------|
| RADIONUCLIDES - DISSOLVED | · | | | | | | |
| Gross Alpha | 50.2 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha precision (±) | 3.3 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta | 30.8 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Radium 226 | 5.4 | pCi/L | | | | E903.0 | 06/22/09 10:55 / jah |
| Radium 226 precision (±) | 0.49 | pCi/L | | | | E903.0 | 06/22/09 10:55 / jah |
| Radium 226 MDC | 0.20 | pCi/L | | | | E903.0 | 06/22/09 10:55 / jah |
| Radium 228 | 5.2 | pCi/L | | | | RA-05 | 06/17/09 15:28 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/17/09 15:28 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/17/09 15:28 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -1.85 | % | | | | Calculation | 06/19/09 08:08 / kbh |
| Anions | 4.65 | meq/L | | | | Calculation | 06/19/09 08:08 ⁻ / kbh |
| Cations | 4.49 | meq/L | | | | Calculation | 06/19/09 08:08 / kbh |
| Solids, Total Dissolved Calculated | 279 | mg/L | | | | Calculation | 06/19/09 08:08 / kbh |
| TDS Balance (0.80 - 1.20) | 1.21 | - | | | | Calculation | 06/19/09 08:08 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-008

Client Sample ID: M-135

Report Date: 07/15/09

Collection Date: 06/04/09 DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units_ | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 100 | mg/L | | 1 | | A2320 B | 06/10/09 01:25 / ljl |
| Carbonate as CO3 | 1 | mg/L | | 1 | | A2320 B | 06/10/09 01:25 / ljl |
| Bicarbonate as HCO3 | 119 | mg/L | | 1 | | A2320 B | 06/10/09 01:25 / ljl |
| Calcium | 47 | mg/L | | 1 | | E200.7 | 06/19/09 20:58 / cp |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 06/13/09 00:07 / Ijl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 19:37 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/19/09 20:58 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/15/09 11:45 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/10/09 11:03 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/19/09 20:58 / cp |
| Silica | 15.8 | mg/L | | 0.2 | | E200.7 | 06/19/09 20:58 / cp |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 06/19/09 20:58 / cp |
| Sulfate | 97 | mg/L | | 1 | | E300.0 | 06/13/09 00:07 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 417 | umhos/cm | | 1 | | A2510 B | 06/05/09 15:39 / dd |
| Hq | 8.32 | s.u. | | 0.01 | | A4500-H B | 06/05/09 15:39 / dd |
| Solids, Total Dissolved TDS @ 180 C | 279 | mg/L | | 10 | | A2540 C | 06/08/09 09:13 / emm |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:30 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 06/09/09 21:30 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:30 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 20:58 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 21:30 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 21:30 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 21:30 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 20:58 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 21:30 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 21:30 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 21:30 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:30 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 21:30 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 21:30 / ts |
| Uranium | 0.0220 | mg/L | | 0.0003 | | E200.8 | 06/09/09 21:30 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:30 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 21:30 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/22/09 13:59 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/22/09 13:59 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-008

Client Sample ID: M-135

Report Date: 07/15/09

Collection Date: 06/04/09 DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 189 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha precision (±) | 6.0 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta | 71.1 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta precision (±) | 2.5 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Radium 226 | 77 | pCi/L | | | | E903.0 | 06/23/09 09:23 / jah |
| Radium 226 precision (±) | 2.0 | pCi/L | | | | E903.0 | 06/23/09 09:23 / jah |
| Radium 226 MDC | 0.25 | pCi/L | | | | E903.0 | 06/23/09 09:23 / jah |
| Radium 228 | 4.4 | pCi/L | | | | RA-05 | 06/18/09 12:32 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 06/18/09 12:32 / plj |
| Radium 228 MDC | 1.4 | pCi/L | | | | RA-05 | 06/18/09 12:32 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -3.44 | % | | | | Calculation | 07/15/09 09:35 / kbh |
| Anions | 4.15 | meq/L | | | | Calculation | 07/15/09 09:35 / kbh |
| Cations | 3.87 | meq/L | | | | Calculation | 07/15/09 09:35 / kbh |
| Solids, Total Dissolved Calculated | 263 | mg/L | | | | Calculation | 07/15/09 09:35 / kbh |
| TDS Balance (0.80 - 1.20) | 1.06 | | | | | Calculation | 07/15/09 09:35 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-009

Client Sample ID: MU-101

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09 Matrix: Aqueous

| Amplunes | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| Analyses | Jinsey | Units | Qualifiers | NL. | - COL | moniou | - Allalysis Date / Dy |
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 112 | mg/L | | 1 | | A2320 B | 06/16/09 15:36 / ljl |
| Carbonate as CO3 | 2 | mg/L | | 1 | | A2320 B | 06/16/09 15:36 / ljl |
| Bicarbonate as HCO3 | 134 | mg/L | | 1 | | A2320 B | 06/16/09 15:36 / ljl |
| Calcium | 64 | mg/L | | 1 | | E200.7 | 06/15/09 20:13 / aae |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/13/09 00:23 / Ijl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 19:40 / Ijl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/15/09 20:13 / aae |
| Nitrogen, Ammonia as N | 0.05 | mg/L | | 0.05 | | E350.1 | 06/15/09 11:49 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/10/09 11:04 / eli-b |
| Potassium | 6 | mg/L | | 1 | | E200.7 | 06/15/09 20:13 / aae |
| Silica | 16.8 | mg/L | | 0.2 | | E200.7 | 06/19/09 21:14 / cp |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 06/15/09 20:13 / aae |
| Sulfate | 141 | mg/L | | 1 | | E300.0 | 06/13/09 00:23 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 522 | umhos/cm | | 1 | | A2510 B | 06/05/09 15:41 / dd |
| oH . | 8.59 | s.u. | | 0.01 | | A4500-H B | 06/05/09 15:41 / dd |
| Solids, Total Dissolved TDS @ 180 C | 365 | mg/L | | 10 | | A2540 C | 06/08/09 09:14 / emi |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:37 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 06/09/09 21:37 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:37 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 21:14 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 21:37 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 21:37 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 21:37 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 21:14 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 21:37 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 21:37 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 21:37 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:37 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 21:37 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 21:37 / ts |
| Uranium | 0.0065 | mg/L | (| 0.0003 | | E200.8 | 06/09/09 21:37 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:37 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 21:37 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | NĐ | mg/L | | 0.03 | | E200.7 | 06/22/09 14:15 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/22/09 14:15 / cp |

Report Definitions:

RL - Analyte reporting limit. QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-009

Client Sample ID: MU-101

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units_ | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|--------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | - | | | | | | |
| Gross Alpha | 38.7 | pCi/L | | | | E900.0 | 07/10/09 03:44 / cgr |
| Gross Alpha precision (±) | 2.8 | pCi/L | | | | E900.0 | 07/10/09 03:44 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 07/10/09 03:44 / cgr |
| Gross Beta | 16.2 | pCi/L | | | | E900.0 | 07/10/09 03:44 / cgr |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 07/10/09 03:44 / cgr |
| Gross Beta MDC | 2.9 | pCi/L | | | | E900.0 | 07/10/09 03:44 / cgr |
| Radium 226 | 9.9 | pCi/L | | | | E903.0 | 06/23/09 09:23 / jah |
| Radium 226 precision (±) | 0.67 | pCi/L | | | | E903.0 | 06/23/09 09:23 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/23/09 09:23 / jah |
| Radium 228 | 4.7 | pCi/L | | | | RA-05 | 06/18/09 12:32 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/18/09 12:32 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/18/09 12:32 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -5.09 | % | | | | Calculation | 06/19/09 08:09 / kbh |
| Anions | 5.32 | meq/L | | | | Calculation | 06/19/09 08:09 / kbh |
| Cations | 4.81 | meq/L | | | | Calculation | 06/19/09 08:09 / kbh |
| Solids, Total Dissolved Calculated | 315 | mg/L | | | | Calculation | 06/19/09 08:09 / kbh |
| TDS Balance (0.80 - 1.20) | 1.16 | - | | | | Calculation | 06/19/09 08:09 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-010

Client Sample ID: MP-101

Report Date: 07/15/09 Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 119 | mg/L | | 1 | | A2320 B | 06/16/09 15:43 / IJI |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/16/09 15:43 / ljl |
| Bicarbonate as HCO3 | 145 | mg/L | | 1 | | A2320 B | 06/16/09 15:43 / ljl |
| Calcium | 80 | mg/L | | 1 | | E200.7 | 06/15/09 20:18 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/13/09 00:38 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 19:47 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/15/09 20:18 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/15/09 11:52 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/10/09 11:05 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/15/09 20:18 / aae |
| Silica | 15.8 | mg/L | | 0.2 | | E200.7 | 06/19/09 21:18 / cp |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 06/15/09 20:18 / aae |
| Sulfate | 166 | mg/L | | 1 | | E300.0 | 06/13/09 00:38 / lji |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 578 | umhos/cm | | 1 | | A2510 B | 06/05/09 15:43 / dd |
| pH | 7.90 | s.u. | | 0.01 | | A4500-H B | 06/05/09 15:43 / dd |
| Solids, Total Dissolved TDS @ 180 C | 394 | mg/L | | 10 | | A2540 C | 06/08/09 09:14 / emm |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:57 / ts |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 06/09/09 21:57 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:57 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 21:18 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 21:57 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 21:57 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 21:57 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 21:18 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 21:57 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 06/09/09 21:57 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 21:57 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:57 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 21:57 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 21:57 / ts |
| Uranium | 0.0620 | mg/L | | 0.0003 | | E200.8 | 06/09/09 21:57 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 21:57 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 21:57 / ts |
| METALS - TOTAL | | | | | | | 00100100 4 4 40 1 |
| Iron | 0.04 | mg/L | | 0.03 | | E200.7 | 06/22/09 14:19 / cp |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 06/22/09 14:19 / cp |

Report

RL - Analyte reporting limit.

Definitions: QCL - Quality control limit. MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-010

Client Sample ID: MP-101

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 565 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha precision (±) | 11.2 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta | 144 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta precision (±) | 3.3 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Radium 226 | 290 | pCi/L | | | | E903.0 | 06/23/09 09:24 / jah |
| Radium 226 precision (±) | 3.7 | pCi/L | | | | E903.0 | 06/23/09 09:24 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/23/09 09:24 / jah |
| Radium 228 | 4.3 | pCi/L | | | | RA-05 | 06/18/09 14:45 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/18/09 14:45 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/18/09 14:45 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -2.50 | % | | | | Calculation | 06/19/09 08:09 / kbh |
| Anions | 6.00 | meq/L | | | | Calculation | 06/19/09 08:09 / kbh |
| Cations | 5.71 | meq/L | | | | Calculation | 06/19/09 08:09 / kbh |
| Solids, Total Dissolved Calculated | 360 | mg/L | | | | Calculation | 06/19/09 08:09 / kbh |
| TDS Balance (0.80 - 1.20) | 1.09 | | | | | Calculation | 06/19/09 08:09 / kbh |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-011

Client Sample ID: MO-101

Report Date: 07/15/09

Collection Date: 06/04/09 DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|------------------|--|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 112 | mg/L | | 1 | | A2320 B | 06/16/09 15:50 / Iji |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/16/09 15:50 / ljl |
| Bicarbonate as HCO3 | 137 | mg/L | | 1 | | A2320 B | 06/16/09 15:50 / ljl |
| Calcium | 89 | mg/L | | 1 | | E200.7 | 06/19/09 21:22 / cp |
| Chloride | 10 | mg/L | | 1 | | E300.0 | 06/13/09 00:54 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 19:50 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/19/09 21:22 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/15/09 11:53 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/10/09 11:12 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/19/09 21:22 / cp |
| Silica | 15.4 | mg/L | | 0.2 | | E200.7 | 06/19/09 21:22 / cp |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 06/19/09 21:22 / cp |
| Sulfate | 199 | mg/L | | 1 | | E300.0 | 06/13/09 00:54 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 638 | umhos/cm | | 1 | | A2510 B | 06/05/09 15:45 / dd |
| pH | 7.87 | s.u. | | 0.01 | | A4500-H B | 06/05/09 15:45 / dd |
| Solids, Total Dissolved TDS @ 180 C | 451 | mg/L | | 10 | | A2540 C | 06/08/09 09:14 / emn |
| METALS - DISSOLVED | | | | | | 5000.0 | 06/09/09 22:04 / ts |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:04 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:04 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 21:22 / cp 06/09/09 22:04 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 22:04 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 22:04 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/19/09 21:22 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/09/09 22:04 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 22:04 / ts |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.8 | 06/09/09 22:04 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 22:04 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 E200.8 | 06/09/09 22:04 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 22:04 / ts |
| Selenium | 0.012 | mg/L | | 0.001 | | E200.8 | 06/09/09 22:04 / ts |
| Uranium | 0.368 | mg/L | | 0.0003 | | E200.8 | 06/09/09 22:04 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:04 / ts |
| Zinc | 0.01 | mg/L | | 0.01 | | ⊑ 200.0 | 00/09/09 22:07 / 18 |
| METALS - TOTAL | | | | 0.03 | | E200.7 | 06/22/09 14:23 / cp |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/22/09 14:23 / cp |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 00122100 14.20 1 CP |
| | | | | | | | |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-011

Client Sample ID: MO-101

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 440 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha precision (±) | 10.3 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha MDC | 2.1 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta | 108 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta precision (±) | 3.1 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta MDC | 2.8 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Radium 226 | 5.2 | pCi/L | | | | E903.0 | 06/23/09 09:24 / jah |
| Radium 226 precision (±) | 0.50 | pCi/L | | | | E903.0 | 06/23/09 09:24 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/23/09 09:24 / jah |
| Radium 228 | 2.4 | pCi/L | | | | RA-05 | 06/18/09 14:45 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/18/09 14:45 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/18/09 14:45 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.39 | % | | | | Calculation | 06/23/09 10:09 / kbh |
| Anions | 6.68 | meq/L | | | | Calculation | 06/23/09 10:09 / kbh |
| Cations | 6.12 | meq/L | | | | Calculation | 06/23/09 10:09 / kbh |
| Solids, Total Dissolved Calculated | 421 | mg/L | | | | Calculation | 06/23/09 10:09 / kbh |
| TDS Balance (0.80 - 1.20) | 1.07 | ū | | | | Calculation | 06/23/09 10:09 / kbh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-012

Client Sample ID: MO-102

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 109 | mg/L | | 1 | | A2320 B | 06/16/09 15:57 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/16/09 15:57 / ljl |
| Bicarbonate as HCO3 | 132 | mg/L | | 1 | | A2320 B | 06/16/09 15:57 / ljl |
| Calcium | 77 | mg/L | | 1 | | E200.7 | 06/19/09 21:26 / cp |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/13/09 01:40 / Ijl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 19:53 / ljl |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 06/19/09 21:26 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/15/09 11:55 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/10/09 11:14 / eli-b |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 06/15/09 20:58 / aae |
| Silica | 14.8 | mg/L | | 0.2 | | E200.7 | 06/19/09 21:26 / cp |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 06/19/09 21:26 / cp |
| Sulfate | 180 | mg/L | | 1 | | E300.0 | 06/13/09 01:40 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 588 | umhos/cm | | 1 | | A2510 B | 06/05/09 15:47 / dd |
| pH | 7.93 | s.u. | | 0.01 | | A4500-H B | 06/05/09 15:47 / dd |
| Solids, Total Dissolved TDS @ 180 C | 393 | mg/L | | 10 | | A2540 C | 06/08/09 09:15 / emm |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:11 / ts |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 06/09/09 22:11 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:11 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 21:26 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 22:11 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 22:11 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 22:11 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 21:26 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 22:11 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 22:11 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 22:11 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:11 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 22:11 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 22:11 / ts |
| Uranium | 0.339 | mg/L | | 0.0003 | | E200.8 | 06/09/09 22:11 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:11 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 22:11 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/22/09 14:27 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/22/09 14:27 / cp |
| | | | | | | | |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-012

Client Sample ID: MO-102

Report Date: 07/15/09

Collection Date: 06/04/09 DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 388 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha precision (±) | 9.3 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha MDC | 1.9 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta | 95.9 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta precision (±) | 2.8 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Radium 226 | 8.6 | pCi/L | | | | E903.0 | 06/23/09 16:01 / jah |
| Radium 226 precision (±) | 0.77 | pCi/L | | | | E903.0 | 06/23/09 16:01 / jah |
| Radium 226 MDC | 0.30 | pCi/L | | | | E903.0 | 06/23/09 16:01 / jah |
| Radium 228 | 3.8 | pCi/L | | | | RA-05 | 06/19/09 10:37 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/19/09 10:37 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/19/09 10:37 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.53 | % | | | | Calculation | 06/23/09 10:12 / kbh |
| Anions | 6.11 | meq/L | | | | Calculation | 06/23/09 10:12 / kbh |
| Cations | 5.58 | meg/L | | | | Calculation | 06/23/09 10:12 / kbh |
| Solids, Total Dissolved Calculated | 385 | mg/L | | | | Calculation | 06/23/09 10:12 / kbh |
| TDS Balance (0.80 - 1.20) | 1.02 | | | | | Calculation | 06/23/09 10:12 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-013

Client Sample ID: MP-102

Report Date: 07/15/09

Collection Date: 06/04/09 DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|-------------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 112 | mg/L | | 1 | | A2320 B | 06/16/09 16:05 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/1 <u>6</u> /09 16:05 / ljl |
| Bicarbonate as HCO3 | 136 | mg/L | | 1 | | A2320 B | 06/16/09 16:05 / ijl |
| Calcium | 61 | mg/L | | 1 | | E200.7 | 06/19/09 21:30 / cp |
| Chloride | 5 | mg/L | | 1 | | E300.0 | 06/13/09 01:55 / ljl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 06/08/09 20:09 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/19/09 21:30 / cp |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/15/09 11:56 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/10/09 11:15 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/19/09 21:30 / cp |
| Silica | 15.7 | mg/L | | 0.2 | | E200.7 | 06/19/09 21:30 / cp |
| Sodium | 25 | mg/L | | 1 | | E200.7 | 06/19/09 21:30 / cp |
| Sulfate | 120 | mg/L | | 1 | | E300.0 | 06/13/09 01:55 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 478 | umhos/cm | | 1 | | A2510 B | 06/05/09 15:49 / dd |
| pH | 7.93 | s.u. | | 0.01 | | A4500-H B | 06/05/09 15:49 / dd |
| Solids, Total Dissolved TDS @ 180 C | 347 | mg/L | | 10 | | A2540 C | 06/08/09 09:15 / emm |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:45 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 22:45 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:45 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 21:30 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 22:45 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 22:45 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 22:45 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 21:30 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 22:45 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 22:45 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 22:45 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:45 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 22:45 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 22:45 / ts |
| Uranium | 0.0702 | mg/L | | 0.0003 | | E200.8 | 06/09/09 22:45 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:45 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 22:45 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/22/09 14:39 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/22/09 14:39 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-013

Client Sample ID: MP-102

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 591 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha precision (±) | 10.9 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha MDC | 1.7 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta | 161 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta precision (±) | 3.4 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Radium 226 | 248 | pCi/L | | | | E903.0 | 06/23/09 16:01 / jah |
| Radium 226 precision (±) | 3.5 | pCi/L | | | | E903.0 | 06/23/09 16:01 / jah |
| Radium 226 MDC | 0.23 | pCi/L | | | | E903.0 | 06/23/09 16:01 / jah |
| Radium 228 | 4.1 | pCi/L | | | | RA-05 | 06/19/09 10:37 / plj |
| Radium 228 precision (±) | 0.8 | pCi/L | | | | RA-05 | 06/19/09 10:37 / plj |
| Radium 228 MDC | 1.0 | pCi/L | | | | RA-05 | 06/19/09 10:37 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.68 | % | | | | Calculation | 06/23/09 10:23 / kbh |
| Anions | 4.88 | meq/L | | | | Calculation | 06/23/09 10:23 / kbh |
| Cations | 4.44 | meq/L | | | | Calculation | 06/23/09 10:23 / kbh |
| Solids, Total Dissolved Calculated | 303 | mg/L | | | | Calculation | 06/23/09 10:23 / kbh |
| TDS Balance (0.80 - 1.20) | 1.15 | | | | | Calculation | 06/23/09 10:23 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-014

Client Sample ID: MU-102

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|--------------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 102 | mg/L | | 1 | | A2320 B | 06/16/09 16:12 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/16/09 16:12 / Iji |
| Bicarbonate as HCO3 | 125 | mg/L | | 1 | | A2320 B | 06/16/09 16:12 / Ijl |
| Calcium | 49 | mg/L | | 1 | | E200.7 | 06/19/09 21:34 / cp |
| Chloride | 4 | mg/L | | 1 | | E300.0 | 06/13/09 02:11 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 20:12 / ljl |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 06/19/09 21:34 / cp |
| Nitrogen, Ammonia as N | ND | m g/L | | 0.05 | | E350.1 | 06/15/09 11:57 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/10/09 11:16 / eli-b |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 06/19/09 21:34 / cp |
| Silica | 16.0 | mg/L | | 0.2 | | E200.7 | 06/19/09 21:34 / cp |
| Sodium | 24 | mg/L | | 1 | | E200.7 | 06/19/09 21:34 / cp |
| Sulfate | 92 | mg/L | | 1 | | E300.0 | 06/13/09 02:11 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 407 | umhos/cm | | 1 | | A2510 B | 06/05/09 15:51 / dd |
| pH | 8.30 | s.u. | | 0.01 | | A4500-H B | 06/05/09 15:51 / dd |
| Solids, Total Dissolved TDS @ 180 C | 276 | mg/L | | 10 | | A2540 C | 06/08/09 09:15 / emn |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:52 / ts |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 06/09/09 22:52 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:52 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 21:34 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 22:52 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 22:52 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 22:52 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 21:34 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 22:52 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 22:52 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 22:52 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:52 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 22:52 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 22:52 / ts |
| Uranium | 0.0098 | mg/L | | 0.0003 | | E200.8 | 06/09/09 22:52 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:52 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 22:52 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/22/09 14:47 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/22/09 14:47 / cp |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-014

Client Sample ID: MU-102

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|--------------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | · | |
| Gross Alpha | 30.7 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha precision (±) | 2.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Alpha MDC | 1.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta | 15.8 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Gross Beta MDC | 2.6 | pCi/L | | | | E900.0 | 06/26/09 13:19 / cgr |
| Radium 226 | 4.9 | pCi/L | | | | E903.0 | 06/16/09 09:09 / jah |
| Radium 226 precision (±) | 0.49 | pCi/L | | | | E903.0 | 06/16/09 09:09 / jah |
| Radium 226 MDC | 0.23 | pCi/L | | | | E903.0 | 06/16/09 09:09 / jah |
| Radium 228 | 3.5 | pCi/L | | | | RA-05 | 06/12/09 10:58 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/12/09 10:58 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/12/09 10:58 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.86 | % | | | | Calculation | 06/23/09 10:32 / kbh |
| Anions | 4.10 | meq/L | | | | Calculation | 06/23/09 10:32 / kbh |
| Cations | 3.72 | meq/L | | | | Calculation | 06/23/09 10:32 / kbh |
| Solids, Total Dissolved Calculated | 256 | mg/L | | | | Calculation | 06/23/09 10:32 / kbh |
| TDS Balance (0.80 - 1.20) | 1.08 | - | | | | Calculation | 06/23/09 10:32 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-015

Client Sample ID: MP-111

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|-------------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | 110 | mg/L | | 1 | | A2320 B | 06/16/09 16:19 / ljl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/16/09 16:19 / ljl |
| Bicarbonate as HCO3 | 134 | mg/L | | 1 | | A2320 B | 06/16/09 16:19 / ljl |
| Calcium | 55 | mg/L | | 1 | | E200.7 | 06/15/09 21:19 / aae |
| Chloride | 6 | mg/L | | 1 | | E300.0 | 06/13/09 02:26 / ljl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 06/08/09 20:17 / ljl |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 06/15/09 21:19 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/15/09 11:58 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/10/09 11:17 / eli-b |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 06/15/09 21:19 / aae |
| | 14.5 | mg/L | | 0.2 | | E200.7 | 06/19/09 21:38 / cp |
| Silica | 34 | mg/L | | 1 | | E200.7 | 06/15/09 21:19 / aae |
| Sodium Sulfate | 127 | mg/L | | 1 | | E300.0 | 06/13/09 02:26 / j |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 493 | umhos/cm | | 1 | | A2510 B | 06/05/09 15:52 / dd |
| pH | 8.31 | s.u. | | 0.01 | | A4500-H B | 06/05/09 15:52 / dd |
| Solids, Total Dissolved TDS @ 180 C | 340 | mg/L | | 10 | | A2540 C | 06/08/09 09:15 / emm |
| METALS - DISSOLVED | | | | | | _ | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:58 / ts |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 06/09/09 22:58 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:58 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 21:38 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 22:58 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 22:58 / ts |
| | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 22:58 / ts |
| Copper | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 21:38 / cp |
| Iron | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 22:58 / ts |
| Lead | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 22:58 / ts |
| Manganese | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 22:58 / ts |
| Mercury | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:58 / ts |
| Molybdenum | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 22:58 / ts |
| Nickel | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 22:58 / ts |
| Selenium | 0.273 | mg/L | | 0.0003 | | E200.8 | 06/09/09 22:58 / ts |
| Uranium | 0.273 ND | mg/L | | 0.1 | | E200.8 | 06/09/09 22:58 / ts |
| Vanadium Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 22:58 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/22/09 14:51 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/22/09 14:51 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-015

Client Sample ID: MP-111

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualiflers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------------|--------|-------|------------|----|-------------|-------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | 1010 | pCi/L | | | | E900.0 | 06/27/09 03:40 / cgr |
| Gross Alpha precision (±) | 14.7 | pCi/L | | | | E900.0 | 06/27/09 03:40 / cgr |
| Gross Alpha MDC | 2.0 | pCi/L | | | | E900.0 | 06/27/09 03:40 / cgr |
| Gross Beta | 337 | pCi/L | | | | E900.0 | 06/27/09 03:40 / cgr |
| Gross Beta precision (±) | 4.8 | pCi/L | | | | E900.0 | 06/27/09 03:40 / cgr |
| Gross Beta MDC | 2.7 | pCi/L | | | | E900.0 | 06/27/09 03:40 / cgr |
| Radium 226 | 445 | pCi/L | | | | E903.0 | 06/16/09 09:09 / jah |
| Radium 226 precision (±) | 4.3 | pCi/L | | | | E903.0 | 06/16/09 09:09 / jah |
| Radium 226 MDC | 0.21 | pCi/L | | | | E903.0 | 06/16/09 09:09 / jah |
| Radium 228 | 6.2 | pCi/L | | | | RA-05 | 06/12/09 10:58 / plj |
| Radium 228 precision (±) | 1 | pCi/L | | | | RA-05 | 06/12/09 10:58 / plj |
| Radium 228 MDC | 1.2 | pCi/L | | | | RA-05 | 06/12/09 10:58 / plj |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | -4.47 | % | | | | Calculation | 06/19/09 08:11 / kbh |
| Anions | 4.99 | meq/L | | | | Calculation | 06/19/09 08:11 / kbh |
| Cations | 4.56 | meq/L | | | | Calculation | 06/19/09 08:11 / kbh |
| Solids, Total Dissolved Calculated | 295 | mg/L | | | | Calculation | 06/19/09 08:11 / kbh |
| TDS Balance (0.80 - 1.20) | 1.15 | - | | | | Calculation | 06/19/09 08:11 / kbh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-016

Client Sample ID: M-136

Report Date: 07/15/09 Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|-------------------------------------|--------|----------|------------|--------|-------------|-----------|------------------------|
| MAJOR IONS | | | | | | | |
| Alkalinity, Total as CaCO3 | ND | mg/L | | 1 | | A2320 B | 06/16/09 16:24 / Ijl |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 06/16/09 16:24 / Ijl |
| Bicarbonate as HCO3 | ND | mg/L | | 1 | | A2320 B | 06/16/09 16:24 / ljl |
| Calcium | ND | mg/L | | 1 | | E200.7 | 06/15/09 21:25 / aae |
| Chloride | ND | mg/L | | 1 | | E300.0 | 06/13/09 02:42 / ljl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 06/08/09 20:24 / ljl |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 06/15/09 21:25 / aae |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | E350.1 | 06/15/09 11:59 / eli-b |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.05 | | E353.2 | 06/10/09 11:09 / eli-b |
| Potassium | ND | mg/L | | 1 | | E200.7 | 06/15/09 21:25 / aae |
| Silica | ND | mg/L | | 0.2 | | E200.7 | 06/19/09 21:42 / cp |
| Sodium | ND | mg/L | | 1 | | E200.7 | 06/15/09 21:25 / aae |
| Sulfate | ND | mg/L | | 1 | | E300.0 | 06/13/09 02:42 / ljl |
| PHYSICAL PROPERTIES | | | | | | | |
| Conductivity | 3 | umhos/cm | | 1 | | A2510 B | 06/05/09 15:57 / dd |
| На | 6.02 | s.u. | | 0.01 | | A4500-H B | 06/05/09 15:57 / dd |
| Solids, Total Dissolved TDS @ 180 C | 19 | mg/L | | 10 | | A2540 C | 06/08/09 09:16 / emn |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | £200.8 | 06/09/09 23:05 / ts |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 23:05 / ts |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 23:05 / ts |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 06/19/09 21:42 / cp |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 06/09/09 23:05 / ts |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 23:05 / ts |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 23:05 / ts |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/19/09 21:42 / cp |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 23:05 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 23:05 / ts |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 23:05 / ts |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 23:05 / ts |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 06/09/09 23:05 / ts |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 06/09/09 23:05 / ts |
| Uranium | ND | mg/L | | 0.0003 | | E200.8 | 06/09/09 23:05 / ts |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 06/09/09 23:05 / ts |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 06/09/09 23:05 / ts |
| METALS - TOTAL | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 06/22/09 15:44 / cp |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 06/23/09 14:59 / cp |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

UR Energy USA Inc

Project:

Lost Creek

Lab ID:

C09060266-016

Client Sample ID: M-136

Report Date: 07/15/09

Collection Date: 06/04/09

DateReceived: 06/05/09

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---------------------------|---------|-------|------------|----|-------------|---------------|----------------------|
| RADIONUCLIDES - DISSOLVED | | | | | | | |
| Gross Alpha | -0.1 | pCi/L | U | | | E900.0 | 06/27/09 03:40 / cgr |
| Gross Alpha precision (±) | 0.6 | pCi/L | | | | E900.0 | 06/27/09 03:40 / cgr |
| Gross Alpha MDC | 1.1 | pCi/L | | | | E900.0 | 06/27/09 03:40 / cgr |
| Gross Beta | -3 | pCi/L | U | | | E900.0 | 06/27/09 03:40 / cgr |
| Gross Beta precision (±) | 1.5 | pCi/L | | | | E900.0 | 06/27/09 03:40 / cgr |
| Gross Beta MDC | 2.5 | pCi/L | | | | E900.0 | 06/27/09 03:40 / cgr |
| Radium 226 | -0.1 | pCi/L | U | | | E903.0 | 06/16/09 09:09 / jah |
| Radium 226 precision (±) | 0.10 | pCi/L | | | | E903.0 | 06/16/09 09:09 / jah |
| Radium 226 MDC | 0.23 | pCi/L | | | | E903.0 | 06/16/09 09:09 / jah |
| Radium 228 | 2.5 | pCí/L | | | | RA-05 | 06/12/09 10:58 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 06/12/09 10:58 / plj |
| Radium 228 MDC | 1.3 | pCi/L | | | | RA-05 | 06/12/09 10:58 / plj |
| DATA QUALITY | | | | | | | 00/40/00 00/40 (kbb |
| A/C Balance (± 5) | -18.2 | % | | | | Calculation | 06/19/09 08:13 / kbh |
| Anions | 0.0142 | meq/L | | | | Calculation | 06/19/09 08:13 / kbh |
| Cations | 0.00986 | meq/L | | | | Calculation | 06/19/09 08:13 / kbh |

⁻ The ion balance is not appropriate for near blank results.

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



QA/QC Summary Report

Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/15/09 **Work Order:** C09060266

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|----------|--------------|-----------------|-----|------|-----------|--------------|-----|----------|------------|
| Method: A2320 B | <u> </u> | | | | | | | | Batch | R119337 |
| Sample ID: MBLK | 3 Me | thod Blank | | | | Run: MANT | ECH_090609A | | 06/09 | /09 14:16 |
| Alkalinity, Total as CaCO3 | | 3 | mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | | ND | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | | 3 | mg/L | 1 | | | | | | |
| Sample ID: LCS1 | Lai | boratory Cor | ntrol Sample | | | Run: MANT | ECH_090609A | | 06/09 | /09 14:31 |
| Alkalinity, Total as CaCO3 | | 205 | mg/L | 5.0 | 101 | 90 | 110 | | | |
| Sample ID: LCS | La | boratory Cor | ntrol Sample | | | Run: MANT | ECH_090609A | | 06/09 | /09 14:38 |
| Alkalinity, Total as CaCO3 | | 53.5 | mg/L | 5.0 | 102 | 90 | 110 | | | |
| Sample ID: C09060266-002AMS | Sa | mple Matrix | Spike | | | Run: MANT | TECH_090609A | | 06/10 | /09 00:11 |
| Alkalinity, Total as CaCO3 | | 232 | mg/L | 5.0 | 99 | 80 | 120 | | | |
| Sample ID: C09060266-002AMS | D Sa | mple Matrix | Spike Duplicate | | | Run: MAN | rech_090609A | | 06/10 | /09 00:19 |
| Alkalinity, Total as CaCO3 | | 233 | mg/L | 5.0 | 100 | 80 | 120 | 0.6 | 20 | |
| Sample ID: C09060266-008AMS | Sa | mple Matrix | Spike | | | Run: MAN | TECH_090609A | | 06/10 | /09 01:33 |
| Alkalinity, Total as CaCO3 | | 226 | mg/L | 5.0 | 101 | 80 | 120 | | | |
| Sample ID: C09060266-008AMS | D Sa | ımple Matrix | Spike Duplicate | | | Run: MAN | TECH_090609A | | 06/10 | 0/09 01:40 |
| Alkalinity, Total as CaCO3 | | 225 | mg/L | 5.0 | 100 | 80 | 120 | 0.4 | 20 | |
| Method: A2320 B | | | | | _ | | | | Batch | : R119656 |
| Sample ID: MBLK | 3 M | ethod Blank | | | | Run: MAN | TECH_090616B | | 06/16 | 3/09 15:07 |
| Alkalinity, Total as CaCO3 | | 2 | mg/L | 0.2 | | | | | | |
| Carbonate as CO3 | | ND | mg/L | 1 | | | | | | |
| Bicarbonate as HCO3 | | 2 | mg/L | 1 | | | | | | |
| Sample ID: LCS1 | La | boratory Co | ntrol Sample | | | Run: MAN | TECH_090616B | | 06/16 | 5/09 15:22 |
| Alkalinity, Total as CaCO3 | | 204 | mg/L | 5.0 | 101 | 90 | 110 | | | |
| Sample ID: LCS | La | aboratory Co | ntrol Sample | | | Run: MAN | TECH_090616B | | 06/10 | 6/09 15:29 |
| Alkalinity, Total as CaCO3 | | 52.5 | mg/L | 5.0 | 102 | 90 | 110 | | | |
| Sample ID: C09060266-016AMS | S Si | ample Matrix | Spike | | | Run: MAN | TECH_090616B | | 06/1 | 6/09 16:31 |
| Alkalinity, Total as CaCO3 | | 128 | mg/L | 5.0 | 102 | 2 80 | 120 | | | |
| Sample ID: C09060266-016AMS | SD S | ample Matrix | Spike Duplicate | | | Run: MAN | TECH_090616B | | 06/1 | 6/09 16:39 |
| Alkalinity, Total as CaCO3 | | 129 | mg/L | 5.0 | 103 | 80 | 120 | 1.3 | 20 | |

Qualifiers:

MDC - Minimum detectable concentration



UR Energy USA Inc Client:

Project: Lost Creek

Report Date: 07/15/09

| Analyte Cour | nt Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|-------------------|----------------------|-------|------|------------|---------------|----------|-------------|-----------|
| Method: A2510 B | | | | | | Analytica | I Run: | ORION555A | _090605A |
| Sample ID: ICV2_090605_2 | Initial Calibrati | on Verification Star | ndard | | | | | 06/05/ | 09 14:42 |
| Conductivity | 1420 | umhos/cm | 1.0 | 100 | 90 | 110 | | | |
| Method: A2510 B | | | | | | Ва | tch: 090 | 0605_2_PH-V | V_555A-2 |
| Sample ID: MBLK1_090605_2 | Method Blank | | | | Run: ORIOI | N555A_090605A | | 06/05/ | /09 14:38 |
| Conductivity | 7 | umhos/cm | 0.2 | | | | | | |
| Sample ID: C09060266-006ADUP | Sample Duplic | cate | | | Run: ORIO | N555A_090605A | | 06/05 | /09 15:27 |
| Conductivity | 413 | umhos/cm | 1.0 | | | | 0.2 | 10 | |
| Sample ID: C09060266-016ADUP | Sample Duplic | cate | | | Run: ORIO | N555A_090605A | | 06/05 | /09 16:00 |
| Conductivity | 2.60 | umhos/cm | 1.0 | | | | 0 | 10 | |
| Method: A2540 C | | | | | | Ba | itch: 09 | 0608_1_SLD | S-TDS-W |
| Sample ID: MBLK1_090608 | Method Blank | | | | Run: BAL-1 | _090608B | | 06/08 | /09 08:53 |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | 6 | | | | | | |
| Sample ID: LCS1_090608 | Laboratory Co | introl Sample | | | Run: BAL-1 | _090608B | | 06/08 | /09 08:53 |
| Solids, Total Dissolved TDS @ 180 C | 990 | mg/L | 10 | 99 | 90 | 110 | | | |
| Sample ID: C09060266-005AMS | Sample Matrix | c Spike | | | Run: BAL-1 | _090608B | | 06/08 | /09 09:12 |
| Solids, Total Dissolved TDS @ 180 C | 2360 | mg/L | 10 | 101 | 90 | 110 | | | |
| Sample ID: C09060266-005AMSD | Sample Matrix | Spike Duplicate | | | Run: BAL-1 | _090608B | | 06/08 | /09 09:12 |
| Solids, Total Dissolved TDS @ 180 C | 2390 | mg/L | 10 | 103 | 90 | 110 | 1.3 | 10 | |
| Sample ID: C09060266-015AMS | Sample Matrix | k Spike | | | Run: BAL-1 | _090608B | | 06/08 | /09 09:16 |
| Solids, Total Dissolved TDS @ 180 C | 2390 | mg/L | 10 | 102 | 90 | 110 | | | |
| Sample ID: C09060266-015AMSD | Sample Matrix | x Spike Duplicate | | | Run: BAL-1 | _090608B | | 06/08 | /09 09:16 |
| Solids, Total Dissolved TDS @ 180 C | 2410 | mg/L | 10 | 103 | 90 | 110 | 0.7 | 10 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/15/09

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|--------|-----------------|------------------|----------|------|-----------|---------------|----------|------------|------------|
| Method: A4500-F C | | | | | - | | | _ | Batch | : R119289 |
| Sample ID: MBLK-1 | Meth | nod Blank | | | | Run: MANT | ECH_090608A | | 06/08 | /09 15:01 |
| Fluoride | | ND | mg/L | 0.05 | | | | | | |
| Sample ID: LCS-1 | Labo | oratory Co | ntrol Sample | | | Run: MANT | ECH_090608A | | 06/08 | /09 15:04 |
| Fluoride | | 1.02 | mg/L | 0.10 | 102 | 90 | 110 | | | |
| Sample ID: C09060266-007AMS | Sam | nple Matrix | Spike | | | Run: MANT | TECH_090608A | | 06/08 | /09 19:32 |
| Fluoride | | 1.14 | mg/L | 0.10 | 100 | 80 | 120 | | | |
| Sample ID: C09060266-007AMS | D Sam | nple Matrix | Spike Duplicat | е | | Run: MAN | TECH_090608A | | | 3/09 19:34 |
| Fluoride | | 1.16 | mg/L | 0.10 | 102 | 80 | 120 | 1.7 | 10 | |
| Sample ID: C09060266-016AMS | San | nple Matrix | Spike | | | Run: MAN | rech_090608A | | 06/08 | 3/09 20:29 |
| Fluoride | | 1.02 | mg/L | 0.10 | 102 | 80 | 120 | | | |
| Sample ID: C09060266-016AM | SD Sam | nole Matrix | Spike Duplicat | e | | Run: MAN | TECH_090608A | | 06/08 | 3/09 20:33 |
| Fluoride | | 1.02 | mg/L | 0.10 | 102 | 80 | 120 | 0 | 10 | |
| Method: A4500-H B | | | | | | | Analytic | al Run: | ORION555A | _090605A |
| Sample ID: ICV1_090605_2 | Initia | al Calibrati | ion Verification | Standard | | | | | 06/0 | 5/09 14:40 |
| рН | | 6.89 | s.u. | 0.010 | 100 | 98 | 102 | | | |
| Method: A4500-H B | | _ - | | | • | | Ва | atch: 09 | 0605_2_PH- | W_555A-2 |
| Sample ID: C09060266-006ADI | JP San | nple Duplic | cate | | | Run: ORIC | N555A_090605/ | Ą | | 5/09 15:27 |
| рН | | 8.32 | s.u. | 0.010 | | | | 0 | 10 | |
| Sample ID: C09060266-016AD | JP Sar | nple Dupli | cate | | | Run: ORIC | N555A_090605 | | | 5/09 16:00 |
| рН | | 5.97 | s.u. | 0.010 | | | | 8.0 | 10 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/15/09 **Work Order:** C09060266

| Analyte | Coun | t Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|------|----------------|-----------------|------|------------|------------|-------------|-----|----------|------------|
| Method: E200.7 | _ | | | | | - | | | Batch: | R119592 |
| Sample ID: LRB | 4 | Method Blank | | | | Run: ICP3- | C_090615A | | 06/15/ | /09 15:35 |
| Calcium | _ | ND | mg/L | 0.2 | | | | | | |
| Magnesium | | 0.2 | mg/L | 0.2 | | | | | | |
| Potassium | | ND | mg/L | 0.03 | | | | | | |
| Sodium | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: LFB | 4 | Laboratory For | tified Blank | | | Run: ICP3- | C_090615A | | 06/15 | /09 15:41 |
| Calcium | | 50.1 | mg/L | 0.50 | 100 | 85 | 115 | | | |
| Magnesium | | 50.8 | mg/L | 0.50 | 101 | 85 | 115 | | | |
| Potassium | | 48.7 | mg/L | 0.50 | 97 | 85 | 115 | | | |
| Sodium | | 50.3 | mg/L | 0.50 | 101 | 85 | 115 | | | |
| Sample ID: C09060266-001BMS | \$ 4 | Sample Matrix | Spike | | | Run: ICP3- | C_090615A | | 06/15 | /09 19:06 |
| Calcium | _ | 146 | mg/L | 1.0 | <u>132</u> | 70 | 130 | | | S |
| Magnesium | | 69.4 | mg/L | 1.0 | 128 | 70 | 130 | | | |
| Potassium | | 67.0 | mg/L | 1.0 | 127 | 70 | 130 | | | |
| Sodium | | 99.8 | mg/L | 1.0 | <u>133</u> | 70 | 130 | | | S |
| Sample ID: C09060266-001BMS | SD 4 | Sample Matrix | Spike Duplicate | | | Run: ICP3 | -C_090615A | | 06/15 | 5/09 19:12 |
| Calcium | | 138 | mg/L | 1.0 | 115 | 70 | 130 | 6.1 | 20 | |
| Magnesium | | 61.8 | mg/L | 1.0 | 113 | . 70 | 130 | 12 | 20 | |
| Potassium | | 60.3 | mg/L | 1.0 | 114 | 70 | 130 | 10 | 20 | |
| Sodium | | 91.4 | mg/L | 1.0 | 116 | 70 | 130 | 8.8 | 20 | |
| Sample ID: C09060266-011BM | S 4 | Sample Matrix | Spike | | | Run: ICP3 | -C_090615A | | 06/15 | 5/09 20:4 |
| Calcium | _ | 135 | mg/L | 1.0 | 111 | 70 | 130 | | | |
| Magnesium | | 57.0 | mg/L | 1.0 | 104 | 70 | 130 | | | |
| Potassium | | 54.6 | mg/L | 1.0 | 103 | 70 | 130 | | | |
| Sodium | | 85.7 | mg/L | 1.0 | 109 | 70 | 130 | | | |
| Sample ID: C09060266-011BM | SD 4 | Sample Matrix | Spike Duplicate | | | Run: ICP3 | -C_090615A | | 06/1 | 5/09 20:5 |
| Calcium | | 138 | mg/L | 1.0 | 116 | 70 | 130 | 1.8 | 20 | |
| Magnesium | | 60.3 | mg/L | 1.0 | 110 | 70 | 130 | 5.7 | 20 | |
| Potassium | | 59.8 | mg/L | 1.0 | 113 | 3 70 | 130 | 9 | 20 | |
| Sodium | | 89.3 | mg/L | 1.0 | 116 | 70 | 130 | 4.1 | 20 | |
| Sample ID: LFB | 4 | Laboratory Fo | rtified Blank | | | Run: ICP3 | s-C_090615A | | 06/1 | 5/09 15:4 |
| Calcium | | 50.1 | mg/L | 0.50 | 100 | 85 | 115 | | | |
| Magnesium | | 50.8 | mg/L | 0.50 | 102 | 2 85 | 115 | | | |
| Potassium | | 48.7 | mg/L | 0.50 | 97 | 7 85 | 115 | | | |
| Sodium | | 50.3 | mg/L | 0.50 | 100 | 0 85 | 115 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/15/09
Work Order: C09060266

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|----------------------------|----------------|---------------|-----------------|-------|------|------------|-------------|-----|----------|------------|
| Method: E200.7 | | | | | | | | • | Batch | R119858 |
| Sample ID: MB-090619A | 7 M | ethod Blank | | | | Run: ICP2- | C_090619A | | 06/19 | /09 14:47 |
| Boron | | ND | mg/L | 0.03 | | | | | | |
| Calcium | | ND | mg/L | 0.2 | | | | | | |
| Iron | | ND | mg/L | 0.005 | | | | | | |
| Magnesium | | ND | mg/L | 0.09 | | | | | | |
| Potassium | | ND | mg/L | 0.1 | | | | | | |
| Silicon | | 0.03 | mg/L | 0.01 | | | | | | |
| Sodium | | ND | mg/L | 0.2 | | | | | | |
| Sample ID: LFB-090619A | <u>7</u> La | aboratory For | tified Blank | | | Run: ICP2- | C_090619A | | 06/19 | /09 14:51 |
| Boron | _ | 1.04 | mg/L | 0.10 | 104 | 85 | 115 | | | |
| Calcium | | 49.3 | mg/L | 0.50 | 99 | 85 | 115 | | | |
| Iron | | 0.975 | mg/L | 0.030 | 98 | 85 | 115 | | | |
| Magnesium | | 50.2 | mg/L | 0.50 | 100 | 85 | 115 | | | |
| Potassium | | 46.3 | mg/L | 0.50 | 93 | 85 | 115 | | | |
| Silicon | | 0.463 | mg/L | 0.015 | 108 | 85 | 115 | | | |
| Sodium | | 48.1 | mg/L | 0.50 | 96 | 85 | 115 | | | |
| Sample ID: C09060266-006BM | S2 7 S | ample Matrix | Spike | | | Run: ICP2- | C_090619A | | 06/19 | 9/09 20:42 |
| Boron | | 2.16 | mg/L | 0.10 | 106 | 70 | 130 | | | |
| Calcium | | 145 | mg/L | 1.0 | 97 | 70 | 130 | | | |
| Iron | | 1.96 | mg/L | 0.030 | 96 | 70 | 130 | | | |
| Magnesium | | 101 | mg/L | 1.0 | 98 | 70 | 130 | | | |
| Potassium | | 95.6 | mg/L | 1.0 | 91 | 70 | 130 | | | |
| Silicon | | 8.24 | mg/L | 0.10 | | 70 | 130 | | | Α |
| Sodium | | 133 | mg/L | 1.0 | 101 | 70 | 130 | | | |
| Sample ID: C09060266-006BN | ISD 7 8 | Sample Matrix | Spike Duplicate | • | | | -C_090619A | | | 9/09 20:4 |
| Boron | | 2.18 | mg/L | 0.10 | 107 | | 130 | 1.1 | | |
| Calcium | | 144 | mg/L | 1.0 | 96 | | | 0.6 | | |
| Iron | | 1.95 | mg/L | 0.030 | 95 | | | 0.5 | | |
| Magnesium | | 103 | mg/L | 1.0 | 99 | | | 1.8 | | |
| Potassium | | 98.5 | mg/L | 1.0 | 94 | | | 3 | | |
| Silicon | | 8.22 | mg/L | 0.10 | | 70 | | 0.2 | | Α |
| Sodium | | 131 | mg/L | 1.0 | 100 |) 70 | 130 | 1.1 | 20 | |
| Sample ID: C09060266-016BN | ns2 <u>7</u> 9 | Sample Matrix | Spike | | | | 2-C_090619A | | 06/1 | 9/09 21:4 |
| Boron | | 2.10 | mg/L | 0.10 | 103 | | | | | |
| Calcium | | 98.8 | mg/L | 1.0 | | | | | | |
| Iron | | 1.94 | mg/L | 0.030 | | | | | | |
| Magnesium | | 101 | mg/L | 1.0 | | | | | | |
| Potassium | | 95.2 | mg/L | 1.0 | | | | | | |
| Silicon | | 0.952 | mg/L | 0.10 | | | | | | |
| Sodium | | 100 | mg/L | 1.0 | 9 | 8 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/15/09

Work Order: C09060266

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|------------|---------------------|-------------------|-------|------|------------|-------------|-----|----------|------------|
| Method: E200.7 | | | | | | | | | Batch | R119858 |
| Sample ID: C09060266-016BMSD | 7 | Sample Matrix | Spike Duplicate | | | Run: ICP2- | C_090619A | | 06/19 | /09 21:51 |
| Boron | - | 2.12 | mg/L | 0.10 | 104 | 70 | 130 | 1 | 20 | |
| Calcium | | 97.3 | mg/L | 1.0 | 95 | 70 | 130 | 1.5 | 20 | |
| Iron | | 1.95 | mg/L | 0.030 | 96 | 70 | 130 | 0.8 | 20 | |
| Magnesium | | 102 | mg/L | 1.0 | 100 | 70 | 130 | 1 | 20 | |
| Potassium | | 96.0 | mg/L | 1.0 | 94 | 70 | 130 | 0.8 | 20 | |
| Silicon | | 0.958 | mg/L | 0.10 | 113 | 70 | 130 | 0.6 | 20 | |
| Sodium | | 99.9 | mg/L | 1.0 | 98 | 70 | 130 | 0.4 | 20 | |
| Method: E200.7 | | | | | | | | - | Batch | : R119937 |
| Sample ID: MB-090622A | 2 | Method Blank | | | | Run: ICP2- | C_090622A | | 06/22 | /09 12:16 |
| Iron | _ | ND | mg/L | 0.005 | | | | | | |
| Manganese | | ND | mg/L | 0.001 | | | | | | |
| | • | | | | | Run: ICP2 | C_090622A | | 06/22 | 2/09 12:20 |
| Sample ID: LFB-090622A | 2 | Laboratory For 1.01 | | 0.030 | 101 | | 115 | | | |
| Iron | | | mg/L | 0.010 | 96 | | 115 | | | |
| Manganese | | 0.961 | mg/L | 0.010 | 50 | | | | | |
| Sample ID: C09060266-001CMS2 | 2 | Sample Matrix | Spike | | | Run: ICP2- | C_090622A | | 06/22 | 2/09 13:27 |
| Iron | | 2.04 | mg/L | 0.067 | 100 | 70 | 130 | | | |
| Manganese | | 2.02 | mg/L | 0.014 | 99 | 70 | 130 | | | |
| Sample ID: C09060266-001CMSD | 2 | Sample Matrix | Spike Duplicate | | | Run: ICP2 | -C_090622A | | 06/2 | 2/09 13:31 |
| Iron | | 2.00 | mg/L | 0.067 | 98 | 70 | 130 | 2.1 | | |
| Manganese | | 2.02 | mg/L | 0.014 | 99 | 70 | 130 | 0 | 20 | |
| Sample ID: C09060266-012CMS2 | 2 | Sample Matrix | Spike | | | Run: ICP2 | -C_090622A | | 06/2 | 2/09 14:31 |
| Iron | _ | 1.97 | mg/L | 0.067 | 97 | 70 | 130 | | | |
| Manganese | | 2.00 | mg/L | 0.014 | 98 | 3 70 | 130 | | | |
| - | 1 2 | Cample Matrix | Spike Duplicate | | | Run: ICP2 | -C_090622A | | 06/2 | 2/09 14:35 |
| Sample ID: C09060266-012CMSI | | 1.99 | mg/L | 0.067 | 98 | | _ | 1 | 20 | |
| Iron Manganese | | 2.03 | mg/L | 0.014 | 100 | | | 1.5 | 20 | |
| Method: E200.7 | | | - | | | <u> </u> | | | Batc | 1: R12001 |
| Sample ID: MB-090623A | | Method Blank | | | | Run: 1CP2 | -C_090623A | | 06/2 | 3/09 13:03 |
| Manganese | | ND | mg/L | 0.001 | | | _ | | | |
| Sample ID: LFB-090623A | | Laboratory Fo | rtified Blank | | | Run: ICP2 | -C_090623A | | 06/2 | 3/09 13:07 |
| Manganese | | 0.972 | mg/L | 0.010 | 91 | | | | | |
| Sample ID: C09060266-016CMS | 2 | Sample Matrix | c Spike | | | Run: ICP2 | 2-C_090623A | | 06/2 | 3/09 15:03 |
| Manganese | - | 1.89 | mg/L | 0.014 | . 9: | | _ | | | |
| Sample ID: C09060266-016CMS | D | Sample Matrix | k Spike Duplicate | | | Run: ICP2 | 2-C_090623A | | 06/2 | 3/09 15:07 |
| | | 1.93 | mg/L | 0.014 | 9 | 5 70 | 130 | 2. | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/15/09

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|------------|--|-----------------|-------|------|-----------|--------------|-----|----------|-----------|
| Method: E200.8 | | <u>. </u> | | | _ | | | | Bat | ch: 22654 |
| Sample ID: MB-22654 | <u>2</u> M | ethod Blank | | | | Run: ICPM | S4-C_090610A | | 06/10/ | /09 20:50 |
| Iron | | 0.004 | mg/L | 0.002 | | | | | | |
| Manganese | | 0.0004 | mg/L | 4E-05 | | | | | | |
| Sample ID: LCS3-22654 | 2 L: | aboratory Cor | ntrol Sample | | | Run: ICPM | S4-C_090610A | | 06/10 | /09 20:57 |
| Iron | | 2.47 | mg/L | 0.030 | 98 | 85 | 115 | | | |
| Manganese | | 2.62 | mg/L | 0.010 | 105 | 85 | 115 | | | |
| Sample ID: C09060274-001DMS: | 3 2 S | ample Matrix | Spike | | | Run: ICPM | S4-C_090610A | | 06/10 | /09 23:33 |
| Iron | - | 2.22 | mg/L | 0.030 | 85 | 70 | 130 | | | |
| Manganese | | 2.44 | mg/L | 0.010 | 90 | 70 | 130 | | | |
| Sample ID: C09060274-001DMS | D 2 S | ample Matrix | Spike Duplicate | | | Run: ICPM | S4-C_090610A | | 06/10 | /09 23:39 |
| Iron | | 2.31 | mg/L | 0.030 | 89 | 70 | 130 | 4.3 | 20 | |
| Manganese | | 2.53 | mg/L | 0.010 | 93 | 70 | 130 | 3.7 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/15/09

Work Order: C09060266

| Analyte C | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-------------|-------------|--------------|---------|------|-----------|---------------|-----|----------|-----------|
| Method: E200.8 | | | <u></u> | | | | | | Batch: | R11934 |
| Sample ID: LRB | 15 Met | hod Blank | | | | Run: ICPM | S2-C_090609A | | 06/09/ | 09 11:40 |
| Aluminum | | ND | mg/L | 0.002 | | | | | | |
| Arsenic | | ND | mg/L | 0.0003 | | | | | | |
| Barium | | ND | mg/L | 3E-05 | | | | | | |
| Cadmium | | ND | mg/L | 6E-05 | | | | | | |
| Chromium | | 8E-05 | mg/L | 8E-05 | | | | | | |
| Copper | | 8E-05 | mg/L | 4E-05 | | | | | | |
| Lead | | ND | mg/L | 2E-05 | | | | | | |
| Manganese | | ND | mg/L | 5E-05 | | | | | | |
| Mercury | | ND | mg/L | 4E-05 | | | | | | |
| Molybdenum | | ND | mg/L | 4E-05 | | | | | | |
| Nickel | | ND | mg/L | 9E-05 | | | | | | |
| Selenium | | ND | mg/L | 0.001 | | | | | | |
| Uranium | | ND | mg/L | 8E-06 | | | | | | |
| Vanadium | | ND | mg/L | 9E-05 | | | | | | |
| Zinc | | 0.001 | mg/L | 6E-05 | | | | | | |
| Sample ID: LFB | 15 Lab | oratory For | tified Blank | | | Run: ICPM | S2-C_090609A | | 06/09 | /09 11.4 |
| Aluminum | | 0.0504 | mg/L | 0.0022 | 101 | 85 | 115 | | | |
| Arsenic | | 0.0521 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Barium | | 0.0522 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Cadmium | | 0.0525 | mg/L | 0.0010 | 105 | 85 | 115 | | | |
| Chromium | | 0.0519 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Copper | | 0.0522 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Lead | | 0.0519 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Manganese | | 0.0508 | mg/L | 0.0010 | 102 | 85 | 115 | | | |
| Mercury | | 0.00519 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Molybdenum | | 0.0516 | mg/L | 0.0010 | 103 | 85 | 115 | | | |
| Nickel | | 0.0521 | mg/L | 0.0010 | 104 | 85 | 115 | | | |
| Selenium | | 0.0523 | mg/L | 0.0014 | 105 | 85 | 115 | | | |
| Uranium | | 0.0499 | mg/L | 0.00030 | 100 | 85 | 115 | | | |
| Vanadium | | 0.0512 | mg/L | 0.0010 | 102 | 85 | 115 | | | |
| Zinc | | 0.0530 | mg/L | 0.0010 | 104 | . 85 | 115 | | | |
| Sample ID: C09060266-009BMS4 | . 15 Sar | mple Matrix | Spike | | | Run: ICPM | IS2-C_090609A | | 06/09 | 9/09 21:4 |
| Aluminum | | 0.0747 | mg/L | 0.0010 | 97 | 70 | 130 | | | |
| Arsenic | | 0.0538 | mg/L | 0.0010 | 104 | 70 | 130 | | | |
| Barium | | 0.0876 | mg/L | 0.0010 | 104 | 70 | 130 | | | |
| Cadmium | | 0.0518 | mg/L | 0.010 | 104 | 70 | 130 | | | |
| Chromium | | 0.0504 | mg/L | 0.0010 | 101 | | 130 | | | |
| Copper | | 0.0503 | mg/L | 0.010 | 100 | | 130 | | | |
| Lead | | 0.0517 | mg/L | 0.050 | 103 | | 130 | | | |
| Manganese | | 0.0540 | mg/L | 0.010 | 98 | | 130 | | | |
| Mercury | | 0.00513 | mg/L | 0.0010 | 103 | | | | | |
| Molybdenum | | 0.0529 | mg/L | 0.0010 | 109 | | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/15/09 **Work Order:** C09060266

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|-----------------|--------------|-------------|---------|------|------------|---------------|-----|----------|------------|
| Method: E200.8 | | | | | | | | | | R119345 |
| Sample ID: C09060266-009BMS4 | 1 <u>5</u> Sar | nple Matrix | Spike | | | Run: ICPMS | S2-C_090609A | | 06/09 | /09 21:44 |
| Nickel | | 0.0500 | mg/L | 0.0010 | 100 | 70 | 130 | | | |
| Selenium | | 0.0514 | mg/L | 0.0010 | 103 | 70 | 130 | | | |
| Uranium | | 0.0573 | mg/L | 0.00030 | 101 | 70 | 130 | | | |
| Vanadium | | 0.0504 | mg/L | 0.0010 | 101 | 70 | 130 | | | |
| Zinc | | 0.0514 | mg/L | 0.010 | 100 | 70 | 130 | | | |
| Sample ID: C09060266-009BMSI |) <u>15</u> Sai | mple Matrix | Spike Dupli | cate | | Run: ICPM: | S2-C_090609A | | 06/09 | /09 21:51 |
| Aluminum | _ | 0.0803 | mg/L | 0.0010 | 108 | 70 | 130 | 7.2 | 20 | |
| Arsenic | | 0.0540 | mg/L | 0.0010 | 104 | 70 | 130 | 0.3 | 20 | |
| Barium | | 0.0882 | mg/L | 0.0010 | 105 | 70 | 130 | 0.7 | 20 | |
| Cadmium | | 0.0519 | mg/L | 0.010 | 104 | 70 | 130 | 0.2 | 20 | |
| Chromium | | 0.0499 | mg/L | 0.0010 | 100 | 70 | 130 | 1.1 | 20 | |
| Copper | | 0.0501 | mg/L | 0.010 | 100 | 70 | 130 | 0.4 | 20 | |
| Lead | | 0.0511 | mg/L | 0.050 | 102 | 70 | 130 | 1.2 | 20 | |
| Manganese | | 0.0535 | mg/L | 0.010 | 97 | 70 | 130 | 1 | 20 | |
| Mercury | | 0.00501 | mg/L | 0.0010 | 100 | 70 | 130 | 2.3 | 20 | |
| Molybdenum | | 0.0528 | mg/L | 0.0010 | 104 | 70 | 130 | 0.2 | 20 | |
| Nickel | | 0.0499 | mg/L | 0.0010 | 100 | 70 | 130 | 0.2 | 20 | |
| Selenium | | 0.0512 | mg/L | 0.0010 | 102 | 70 | 130 | 0.4 | 20 | |
| Uranium | | 0.0568 | mg/L | 0.00030 | 101 | 70 | 130 | 0.8 | 20 | |
| Vanadium | | 0.0501 | mg/L | 0.0010 | 100 | 70 | 130 | 0.5 | 20 | |
| Zinc | | 0.0535 | mg/L | 0.010 | 105 | 70 | 130 | 4 | 20 | |
| Sample ID: C09060266-016BMS | 4 <u>15</u> Sa | mple Matrix | Spike | | | | S2-C_090609A | | 06/09 | 9/09 23:12 |
| Aluminum | | 0.0460 | mg/L | 0.0010 | 92 | | 130 | | | |
| Arsenic | | 0.0513 | mg/L | 0.0010 | 103 | | 130 | | | |
| Barium | | 0.0519 | mg/L | 0.0010 | 103 | | 130 | | | |
| Cadmium | | 0.0518 | mg/L | 0.010 | 104 | | 130 | | | |
| Chromium | | 0.0509 | mg/L | 0.0010 | 102 | | 130 | | | |
| Copper | | 0.0521 | mg/L | 0.010 | 104 | | 130 | | | |
| Lead | | 0.0510 | mg/L | 0.050 | 102 | | 130 | | | |
| Manganese | | 0.0501 | mg/L | 0.010 | 99 | | 130 | | | |
| Mercury | | 0.00496 | mg/L | 0.0010 | 99 | | 130 | | | |
| Molybdenum | | 0.0505 | mg/L | 0.0010 | | | 130 | | | |
| Nickel | | 0.0509 | mg/L | 0.0010 | | | 130 | | | |
| Selenium | | 0.0524 | mg/L | 0.0010 | | | 130 | | | |
| Uranium | | 0.0493 | mg/L | 0.00030 | | | 130 | | | |
| Vanadium | | 0.0496 | mg/L | 0.0010 | | | 130 | | | |
| Zinc | | 0.0546 | mg/L | 0.010 | 102 | ? 70 | 130 | | | |
| Sample ID: C09060266-016BMS | D <u>15</u> Sa | ample Matrix | Spike Dup | licate | | | IS2-C_090609A | | | 9/09 23:1 |
| Aluminum | | 0.0478 | mg/L | 0.0010 | | | 130 | 3.7 | | |
| Arsenic | | 0.0507 | mg/L | 0.0010 | 10° | | 130 | 1.3 | | |
| Barium | | 0.0517 | mg/L | 0.0010 | 103 | 3 70 | 130 | 0.4 | 20 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/15/09 **Work Order:** C09060266

| Analyte | Count | Result | Units | RL. | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|-------------|---------------|-----------------|---------|------|------------|--------------|-----|----------|------------|
| Method: E200.8 | | | | | | | | | Batch: | R119345 |
| Sample ID: C09060266-016BMS | D 15 S | amnle Matrix | Spike Duplicate | • | | Run: ICPM | S2-C_090609A | | 06/09/ | /09 23:19 |
| Cadmium | | 0.0518 | mg/L | 0.010 | 104 | 70 | 130 | 0 | 20 | |
| Chromium | | 0.0510 | mg/L | 0.0010 | 102 | 70 | 130 | 0.3 | 20 | |
| Copper | | 0.0525 | mg/L | 0.010 | 104 | 70 | 130 | 0.8 | 20 | |
| Lead | | 0.0506 | mg/L | 0.050 | 101 | 70 | 130 | 8.0 | 20 | |
| Manganese | | 0.0503 | mg/L | 0.010 | 99 | 70 | 130 | 0.5 | 20 | |
| Mercury | | 0.00495 | mg/L | 0.0010 | 99 | 70 | 130 | 0.2 | 20 | |
| Molybdenum | | 0.0505 | mg/L | 0.0010 | 101 | 70 | 130 | 0.1 | 20 | |
| Nickel | | 0.0505 | mg/L | 0.0010 | 101 | 70 | 130 | 8.0 | 20 | |
| Selenium | | 0.0522 | mg/L | 0.0010 | 104 | 70 | 130 | 0.4 | 20 | |
| Uranium | | 0.0488 | mg/L | 0.00030 | 97 | 70 | 130 | 1.1 | 20 | |
| Vanadium | | 0.0496 | mg/L | 0.0010 | 99 | 70 | 130 | 0 | 20 | |
| Zinc | | 0.0543 | mg/L | 0.010 | 102 | 70 | 130 | 0.6 | 20 | |
| Method: E300.0 | | | <u></u> | | | | | | Batch | : R119443 |
| Sample ID: LCS | 2 1 | aboratory Cor | ntrol Sample | | | Run: IC1-C | _090610A | | 06/10 | /09 22:35 |
| Chloride | | 9.63 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sulfate | | 38.6 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sample ID: MBLK | 2 N | /lethod Blank | | | | Run: IC1-C | _090610A | | 06/10 | /09 22:51 |
| Chloride | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: C09060266-001AMS | 2 5 | Sample Matrix | Spike | | | Run: IC1-C | _090610A | | 06/12 | 2/09 03:06 |
| Chloride | | 26.4 | mg/L | 1.0 | 102 | 90 | 110 | | | |
| Sulfate | | 250 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sample ID: C09060266-001AMS | SD 2 5 | Sample Matrix | Spike Duplicat | е | | Run: IC1-C | C_090610A | | 06/12 | 2/09 03:21 |
| Chloride | | 26.7 | mg/L | 1.0 | 104 | 90 | 110 | 1.2 | 20 | |
| Sulfate | | 251 | mg/L | 1.0 | 98 | 90 | 110 | 0.4 | 20 | |



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/15/09

Work Order: C09060266

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------------------------|--------------|---------------|-----------------|-------------|-----------|------------|------------|-----|------------|----------|
| Method: E300.0 | | | | | • | | | | Batch: F | 119537 |
| Sample ID: LCS | 2 L | aboratory Cor | ntrol Sample | | | Run: IC1-C | _090612A | | 06/12/0 | 9 15:39 |
| Chloride | | 9.63 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Sulfate | | 37.8 | mg/L | 1.0 | 95 | 90 | 110 | | | |
| Sample ID: MBLK | <u>2</u> N | lethod Blank | | | | Run: IC1-C | _090612A | | 06/12/0 | 9 15:54 |
| Chloride | | ND | mg/L | 0.04 | | | | | | |
| Sulfate | | ND | mg/L | 0.1 | | | | | | |
| Sample ID: C09060266-005AMS | <u>2</u> S | Sample Matrix | Spike | | | Run: IC1-C | _090612A | | 06/12/0 | 9 22:20 |
| Chloride | | 25.2 | mg/L | 1.0 | 101 | 90 | 110 | | | |
| Sulfate | | 213 | mg/L | 1.0 | 100 | 90 | 110 | | | |
| Sample ID: C09060266-005AMS | D <u>2</u> S | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090612A | | 06/12/0 | 9 22:35 |
| Chloride | _ | 25.3 | mg/L | 1.0 | 101 | 90 | 110 | 0.3 | 20 | |
| Sulfate | | 213 | mg/L | 1.0 | 101 | 90 | 110 | 0.2 | 20 | |
| Sample ID: C09060266-011AMS | <u>2</u> 5 | Sample Matrix | Spike | | | Run: IC1-C | _090612A | | 06/13/0 | 9 01:09 |
| Chloride | _ | 30.3 | mg/L | 1.0 | 102 | 90 | 110 | | | |
| Sulfate | | 272 | mg/L | 1.0 | 94 | 90 | 110 | | | |
| Sample ID: C09060266-011AMS | D 2 S | Sample Matrix | Spike Duplicate | | | Run: IC1-C | _090612A | | 06/13/0 | 9 01:24 |
| Chloride | | 30.4 | mg/L | 1.0 | 103 | 90 | 110 | 0.3 | 20 | |
| Sulfate | | 272 | mg/L | 1.0 | 94 | 90 | 110 | 0 | 20 | |
| Method: E350.1 | | | - | | | | | | Batch: B_I | ₹13114 |
| Sample ID: MBLK | | Method Blank | | | | Run: SUB- | B131145 | | 06/15/0 | 9 11:29 |
| Nitrogen, Ammonia as N | | ND | mg/L | 0.02 | | | | | | |
| Sample ID: LFB | 1 | _aboratory Fo | rtified Blank | | | Run: SUB- | B131145 | • | 06/15/0 | 9 11:30 |
| Nitrogen, Ammonia as N | | 1.04 | mg/L | 0.10 | 105 | 90 | 110 | | | |
| Sample ID: C09060266-001E | | Sample Matrix | Spike | | | Run: SUB- | B131145 | | 06/15/0 | 09 11:36 |
| Nitrogen, Ammonia as N | | 0.689 | mg/L | 0.050 | <u>69</u> | 90 | 110 | | | S |
| Sample ID: C09060266-001E | , | Sample Matrix | Spike Duplicate | | | Run: SUB- | B131145 | | 06/15/0 | 09 11:37 |
| Nitrogen, Ammonia as N | · · | 0.693 | mg/L | 0.050 | 69 | 90 | 110 | 0.6 | 10 | S |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

S - Spike recovery outside of advisory limits.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/15/09

| Analyte | _ · Count | Result | Units | – RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------------------------|--------------|--------------|-----------------|---------|------|------------|--------------|-----|----------|-----------|
| Method: E353.2 | | | | | | | - | | Batch: B | _R130891 |
| Sample ID: MBLK | Me | thod Blank | | | | Run: SUB-f | 3130891 | | 06/10 | 09 10:46 |
| Nitrogen, Nitrate+Nitrite as N | | 0.006 | mg/L | 0.002 | | | | | | |
| Sample ID: LFB | Lat | ooratory For | tified Blank | | | Run: SUB-I | B130891 | | 06/10 | 09 10:48 |
| Nitrogen, Nitrate+Nitrite as N | | 0.985 | mg/L | 0.050 | 100 | 90 | 110 | | | |
| Sample ID: C09060266-016E | Sa | mple Matrix | Spike | | | Run: SUB-I | B130891 | | 06/10 | /09 11:10 |
| Nitrogen, Nitrate+Nitrite as N | | 0.986 | mg/L | 0.050 | 99 | 90 | 110 | | | |
| Sample ID: C09060266-016E | Sa | mple Matrix | Spike Duplicate | | | Run: SUB-l | B130891 | | 06/10 | /09 11:11 |
| Nitrogen, Nitrate+Nitrite as N | | 0.981 | mg/L | 0.050 | 99 | 90 | 110 | 0.5 | 10 | |
| Sample ID: C09060266-004E | Sa | mple Matrix | Spike | | | Run: SUB-l | B130891 | | 06/10 | /09 10:53 |
| Nitrogen, Nitrate+Nitrite as N | | 1.14 | mg/L | 0.050 | 101 | 90 | 110 | | | |
| Sample ID: C09060266-004E | Sa | mple Matrix | Spike Duplicate | | | Run: SUB- | B130891 | | 06/10 | /09 10:55 |
| Nitrogen, Nitrate+Nitrite as N | | 1.14 | mg/L | 0.050 | 102 | 90 | 110 | 0.4 | 10 | |



Client: UR Energy USA Inc

Report Date: 07/15/09

Project: Lost Creek

| Analyte | Count | Result | Units | RL %REC | Lov | v Limit | High | Limit | RPD | RPDLimit | Qual |
|------------------------------|-------------|--------------|-----------------|---------|-----|-----------------|------|-------|-----|----------|------------|
| Method: E900.0 | | | | | | | | | | Batch: 0 | 3rAB-0682 |
| Sample ID: MB-GrAB-0682 | <u>6</u> Me | thod Blank | | | Rur | : G5000 | W_09 | 0623A | | 06/26 | 3/09 01:14 |
| Gross Alpha | _ | -0.07 | pCi/L | | | | | | | | U |
| Gross Alpha precision (±) | | 0.6 | pCi/L | | | | | | | | |
| Gross Alpha MDC | | 0.6 | pCi/L | | | | | | | | |
| Gross Beta | | -2 | pCi/L | | | | | | | | U |
| Gross Beta precision (±) | | 1 | pCi/L | | | | | | | | |
| Gross Beta MDC | | 1 | pCi/L | | | | | | | | |
| Sample ID: UNAT-GrAB-0682 | Lat | oratory Con | trol Sample | | Rur | : G5000 | W_09 | 0623A | | 06/26 | 3/09 01:14 |
| Gross Alpha | | 140 | pCi/L | 104 | | 70 | | 130 | | | |
| Sample ID: Cs137-GrAB-0682 | Lat | oratory Con | trol Sample | | Rur | : G500 0 | W_09 | 0623A | | 06/26 | 6/09 01:14 |
| Gross Beta | | 81 | pCi/L | 91 | | 70 | | 130 | | | |
| Sample ID: C09060201-017DMS | Sai | mple Matrix | Spike | | Run | : G5000 | W_09 | 0623A | | 06/26 | 6/09 01:14 |
| Gross Alpha | | 146 | pCi/L | 105 | | 70 | | 130 | | | |
| Sample ID: C09060201-017DMSE |) Sai | mple Matrix | Spike Duplicate | | Rur | : G500 0 | W_09 | 0623A | | 06/26 | 6/09 01:14 |
| Gross Alpha | | 135 | pCi/L | 98 | | 70 | | 130 | 7.4 | 15.8 | |
| Sample ID: C09060201-017DMS | Sa | mple Matrix | Spike | | Rur | : G5000 | W_09 | 0623A | | 06/26 | 5/09 01:14 |
| Gross Beta | | 88.3 | pCi/L | 98 | ; | 70 | | 130 | | | |
| Sample ID: C09060201-017DMSE |) Sa | mple Matrix | Spike Duplicate | | Rur | : G5000 | W_09 | 0623A | | 06/26 | 6/09 01:14 |
| Gross Beta | | 83.0 | pCi/L | 92 | : | 70 | | 130 | 6.1 | 16.1 | |
| Sample ID: C09060266-011DDUF | 6 Sa | mple Duplica | ate | | Rur | n: G5000 | W_09 | 0623A | | 06/26 | 6/09 13:19 |
| Gross Alpha | | 534 | pCi/L | | | | | | 19 | 20 | |
| Gross Alpha precision (±) | | 11.3 | pCi/L | | | | | | | | |
| Gross Alpha MDC | | 2.06 | pCi/L | | | | | | | | |
| Gross Beta | | 103 | pCi/L | | | | | | 4.7 | 20 | |
| Gross Beta precision (±) | | 3.01 | pCi/L | | | | | | | | |
| Gross Beta MDC | | 2,77 | pCi/L | | | | | | | | |



Client: **UR Energy USA Inc**

Project: Lost Creek

Report Date: 07/15/09

| Analyte | Count Result | Units | RL %REC | Low Limit | High Limit | RPD F | RPDLimit Qual |
|------------------------------|---------------|--------------------|---------|------------|------------|-------|------------------|
| Method: E900.0 | | | | | | | Batch: GrAB-0683 |
| Sample ID: MB-GrAB-0683 | 6 Method Blan | k | | Run: G5000 | 0W_090624A | | 06/27/09 03:40 |
| Gross Alpha | -0.02 | pCi/L | | | | | U |
| Gross Alpha precision (±) | 0.7 | pCi/L | | | | | |
| Gross Alpha MDC | 0.7 | pCi/L | | | | | |
| Gross Beta | -1 | pCi/L | | | | | U |
| Gross Beta precision (±) | 1 | pCi/L | | | | | |
| Gross Beta MDC | 2 | pCi/L | | | | | |
| Sample ID: UNAT-GrAB-0683 | Laboratory C | ontrol Sample | | Run: G500 | 0W_090624A | | 06/27/09 03:40 |
| Gross Alpha | 150 | pCi/L | 108 | 70 | 130 | | |
| Sample ID: Cs137-GrAB-0683 | Laboratory C | ontrol Sample | | Run: G500 | 0W_090624A | | 06/27/09 03:40 |
| Gross Beta | 87 | pCi/L | 97 | 70 | 130 | | |
| Sample ID: C09060266-016DMS | Sample Matr | íx Spike | | Run: G500 | 0W_090624A | | 06/27/09 03:40 |
| Gross Alpha | 153 | pCi/L | 112 | ? 70 | 130 | | |
| Sample ID: C09060266-016DMSD | Sample Matr | ix Spike Duplicate | | Run: G500 | 0W_090624A | | 06/27/09 03:40 |
| Gross Alpha | 160 | pCi/L | 117 | 70 | 130 | 4 | 15.6 |
| Sample ID: C09060266-016DMS | Sample Matr | ix Spike | | Run: G500 | 0W_090624A | | 06/27/09 03:40 |
| Gross Beta | 90.5 | pCi/L | 101 | 70 | 130 | | |
| Sample ID: C09060266-016DMSD | Sample Matr | ix Spike Duplicate | | Run: G500 | 0W_090624A | | 06/27/09 03:40 |
| Gross Beta | 87.3 | pCi/L | 98 | 70 | 130 | 3.6 | 16.1 |
| Sample ID: C09060887-001DDUP | 6 Sample Dup | licate | | Run: G500 | 0W_090624A | | 06/28/09 03:28 |
| Gross Alpha | 45.7 | pCi/L | | | | 9.8 | 34.6 |
| Gross Alpha precision (±) | 5.44 | • | | | | | |
| Gross Alpha MDC | 4.57 | pCi/L | | | | | |
| Gross Beta | 16.5 | pCi/L | | | | 2.7 | 43.8 |
| Gross Beta precision (±) | 2.83 | pCi/L | | | | | |
| Gross Beta MDC | 4.25 | pCi/L | | | | | |



Client: UR Energy USA Inc

Report Date: 07/15/09

Project: Lost Creek

Work Order: C09060266

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High | Limit | RPD | RPDLimit | Qual |
|--|------------|-------------------|-------------------------|-----------|------------|-----------|------------|--------------------|------------|----------------|------------|
| Method: E900.0 | | •. | | | | • | | | | Batch: C | GrAB-069 |
| Sample ID: MB-GrAB-0691 | <u>6</u> M | ethod Blank | | | | Run: TENN | IELEC-: | 3_090702D | | 07/09 | 9/09 05:03 |
| Gross Alpha | | 0.6 | pCi/L | | | | | | | | U |
| Gross Alpha precision (±) | | 0.6 | pCi/L | | | | | | | | |
| Gross Alpha MDC | | 0.6 | pCi/L | | | | | | | | |
| Gross Beta | | -4 | pCi/L | | | | | | | | U |
| Gross Beta precision (±) | | 2 | pCi/L | | | | | | | | |
| Gross Beta MDC | | 2 | pCi/L | | | | | | | | |
| Sample ID: UNAT-GrAB-0691 | La | aboratory Cor | ntrol Sample | | | Run: TENN | IELEC- | 3_090702D | | 07/09 | 9/09 05:04 |
| Gross Alpha | | 130 | pCi/L | | 92 | 70 | | 130 | | | |
| Sample ID: Cs137-GrAB-0691 | La | aboratory Cor | ntrol Sample | | | Run: TENN | IELEC- | 3_09070 2 D | | 07/09 | 9/09 05:04 |
| Gross Beta | | 94 | pCi/L | | 106 | 70 | | 130 | | | |
| Sample ID: C09060943-001AMS | S | ample Matrix | Spike | | | Run: TENN | IELEC- | 3_090702D | | 07/09 | 9/09 05:04 |
| Gross Alpha | | 170 | pCi/L | | 121 | 70 | | 130 | | | |
| Sample ID: C09060943-001AMSE |) S: | ample Matrix | Spike Duplicate | | | Run: TENN | IELEC- | 3_090702D | | 07/09 | 9/09 05:04 |
| Gross Alpha | | 180 | pCi/L | | <u>132</u> | 70 | | 130 | 8.4 | 15.7 | S |
| - Spike response is outside of the accomatrix related. The batch is approved | eptance ra | inge for this and | alysis. Since the LCS a | and the R | PD for the | MS MSD pa | ir are acc | eptable, the | respons | e is considere | d to be |
| Sample ID: C09060943-001AMS | S | ample Matrix | Spike | | | Run: TENN | IELEC- | 3_090702D | | 07/09 | 9/09 05:04 |
| Gross Beta | | 93 | pCi/L | | 102 | 70 | | 130 | | | |
| Sample ID: C09060943-001AMSI |) S | ample Matrix | Spike Duplicate | | | Run: TENN | ELEC- | 3_090702D | | 07/09 | 9/09 05:04 |
| Gross Beta | | 96 | pCi/L | | 105 | 70 | | 130 | 3.7 | 16.3 | |
| Sample ID: C09061108-002ADUF | 6 S | ample Duplic | ate | | | Run: TENN | ELEC- | 3_090702D | | 07/10 | 0/09 03:43 |
| Gross Alpha | | 21 | pCi/L | | | | | | 5.5 | 45.1 | |
| Gross Alpha precision (±) | | 3.6 | pCi/L | | | | | | | | |
| Gross Alpha MDC | | 2.4 | pCi/L | | | | | | | | |
| Gross Beta | | 36 | pCi/L | | | | | | <u>130</u> | 42.4 | R |
| Gross Beta precision (±) | | 4.4 | pCi/L | | | | | | | | |
| Gross Beta MDC | | 3.8 | pCi/L | | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

S - Spike recovery outside of advisory limits.

ND - Not detected at the reporting limit.

R - RPD exceeds advisory limit.

U - Not detected at minimum detectable concentration



Client: UR Energy USA Inc

nergy USA Inc Report Date: 07/15/09

Project: Lost Creek Work Order: C09060266

| Analyte | Count | Result | Units | RL | %REC | Low | Limit | High | Limit | RPD | RPDLimit | Qual |
|---|-------------|---------------------------------------|----------------|--------------|-------------|----------|---------|----------|-----------|--------------|---------------|--------------|
| Method: E903.0 | | · · · · · · · · · · · · · · · · · · · | | | 1 | | | | | | Batch: RA | 226-372 |
| Sample ID: C09060201-009DMS | Sa | ımple Matrix | Spike | | | Run: | BERTI | HOLD | 770-1_ | 090608C | 06/25 | /09 15:50 |
| Radium 226 | | 26 | pCi/L | | 103 | | 70 | | 130 | | | |
| Sample ID: C09060201-009DMSI |) Sa | ımple Matrix | Spike Duplicat | e | | Run: | BERTI | HOLD | 770-1_ | 090608C | 06/25 | /09 15:50 |
| Radium 226 | | 26 | pCi/L | | 105 | | 70 | | 130 | 1.4 | 20.9 | |
| Sample ID: MB-RA226-3728 | <u>3</u> Me | ethod Blank | | | | Run: | BERTI | HOLD | 770-1_ | 090608C | 06/25 | /09 22:17 |
| Radium 226 | | -0.2 | pCi/L | | | | | | | | | U |
| Radium 226 precision (±) | | 0.09 | pCi/L | | | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | | | |
| Sample ID: LCS-RA226-3728 | La | boratory Co | ntrol Sample | | | Run: | BERTI | HOLD | 770-1_ | 090608C | 06/25 | /09 22:17 |
| Radium 226 | | 9.3 | pCi/L | | 119 | | 70 | | 130 | | | |
| Method: E903.0 | | | ••• | | | | | | | | Batch: RA | 1226-372 |
| Sample ID: C09060266-004DMS | Sa | ample Matrix | Spike | | | Run: | BERTI | HOLD | 770-1_ | 090608A | 06/22 | /09 10:39 |
| Radium 226 | | 9.3 | pCi/L | | 84 | | 70 | | 130 | • | | |
| Sample ID: C09060266-004DMS |) Sa | ample Matrix | Spike Duplicat | € | | Run: | BERTI | HOLD | 770-1_ | 090608A | 06/22 | /09 12:11 |
| Radium 226 | | 16 | pCi/L | | 86 | | 70 | | 130 | 54 | 24 | R |
| - The RPD for the MSD is high due to LCS is within range, therefore the bate | | d MSD being _j | • | ent volumes. | The individ | dual spi | ke reco | veries a | are withi | n range, the | MB is accepta | ble, and the |
| Sample ID: MB-RA226-3729 | | ethod Blank | | | | Run: | BERTI | HOLD | 770-1_ | 090608A | 06/22 | /09 12:11 |
| Radium 226 | | -0.1 | pCi/L | | | | | | | | | U |
| Radium 226 precision (±) | | 0.08 | pCi/L | | | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | | | |
| Sample ID: LCS-RA226-3729 | La | boratory Co | ntrol Sample | | | Run: | BERTI | HOLD | 770-1_ | 090608A | 06/22 | /09 12:11 |
| Radium 226 | | 7.2 | pCi/L | | 93 | | 70 | | 130 | | | |
| Method: E903.0 | | | | | | | | | | | Batch: R/ | 1226-373 |
| Sample ID: C09060266-006DMS | Sa | ample Matrix | Spike | | | Run: | BERTI | HOLD | 770-2_ | 090608B | 06/22 | /09 10:55 |
| Radium 226 | | 78 | pCi/L | | 126 | | 70 | | 130 | | | |
| Sample ID: C09060266-006DMSI | o Sa | ample Matrix | Spike Duplicat | e | | Run: | BERTI | HOLD | 770-2_ | 090608B | 06/22 | /09 10:55 |
| Radium 226 | | . 76 | pCi/L | | 116 | | 70 | | 130 | 2.1 | 16.6 | |
| Sample ID: MB-RA226-3730 | <u>3</u> M | ethod Blank | | | | Run: | BERTI | HOLD | 770-2_ | 090608B | 06/22 | //09 12:44 |
| Radium 226 | _ | -0.1 | pCi/L | | | | | | - | | | U |
| Radium 226 precision (±) | | 0.09 | pCi/L | | | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | | | |
| | | | | | | _ | | | | 000000 | 00.000 | 2/09 12:44 |
| Sample ID: LCS-RA226-3730 | La | boratory Co | ntrol Sample | | | Run: | BERT | HOLD | 770-2_ | 090608B | 06/22 | /US 12.44 |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.

R - RPD exceeds advisory limit.



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/15/09

Work Order: C09060266

| Analyte | Count Result | Units | RL %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|--------------------------|-----------------|---------|-----------|-------------|----------|-----------|------------|
| Method: E903.0 | | | | | | | Batch: RA | 1226-373 |
| Sample ID: C09060266-008DMS | Sample Matrix | Spike | | Run: BERT | HOLD 770-1_ | _090608B | 06/23 | /09 09:23 |
| Radium 226 | 90 | pCi/L | 83 | 70 | 130 | | | |
| Sample ID: C09060266-008DMSD | Sample Matrix | Spike Duplicate | | Run: BERT | HOLD 770-1_ | _090608B | 06/23 | /09 09:23 |
| Radium 226 | 89 | pCi/L | 79 | 70 | 130 | 0.7 | 16.5 | |
| Sample ID: MB-RA226-3731 | 3 Method Blank | | | Run: BERT | HOLD 770-1_ | _090608B | 06/23 | /09 11:02 |
| Radium 226 | -0.1 | pCi/L | | | | | | U |
| Radium 226 precision (±) | 0.08 | pCi/L | | | | | | |
| Radium 226 MDC | 0.2 | pCi/L | | | | | | |
| Sample ID: LCS-RA226-3731 | Laboratory Cor | ntrol Sample | | Run: BERT | HOLD 770-1_ | _090608B | 06/23 | /09 11:02 |
| Radium 226 | 7.6 | pCi/L | 99 | 70 | 130 | | | |
| Method: E903.0 | | | | | | | Batch: R/ | A226-373 |
| Sample ID: C09060266-010DMS | Sample Matrix | Spike | | Run: BERT | HOLD 770-2_ | _090608A | 06/23 | /09 09:24 |
| Radium 226 | 300 | pCi/L | 74 | 70 | 130 | | | |
| Sample ID: C09060266-010DMSD | Sample Matrix | Spike Duplicate | | Run: BERT | HOLD 770-2_ | _090608A | 06/23 | /09 09:24 |
| Radium 226 | 300 | pCi/L | 97 | 70 | 130 | 1.1 | 13.6 | |
| Sample ID: MB-RA226-3732 | 3 Method Blank | | | Run: BERT | HOLD 770-2 | _090608A | 06/23 | 3/09 11:04 |
| Radium 226 | -0.1 | pCi/L | | | | | | U |
| Radium 226 precision (±) | 0.08 | pCi/L | | | | | | |
| Radium 226 MDC | 0.2 | pCi/L | | | | | | |
| Sample ID: LCS-RA226-3732 | Laboratory Co | ntrol Sample | | Run: BERT | HOLD 770-2 | _090608A | 06/23 | 3/09 11:04 |
| Radium 226 | 7.6 | pCi/L | 98 | 70 | 130 | | | |
| Method: E903.0 | - 10 · 10 · 10 · 10 · 10 | | | | | | Batch: RA | A226-373 |
| Sample ID: C09060266-012DMS | Sample Matrix | Spike | | Run: BERT | HOLD 770-2 | _090609C | 06/23 | 3/09 16:01 |
| Radium 226 | 20 | pCi/L | 71 | 70 | 130 | | | |
| Sample ID: C09060266-012DMSD | Sample Matrix | Spike Duplicate | | Run: BERT | HOLD 770-2 | _090609C | 06/23 | 3/09 16:01 |
| Radium 226 | 21 | pCi/L | 79 | 70 | 130 | 5.3 | 23.9 | |
| Sample ID: MB-RA226-3733 | 3 Method Blank | | | Run: BERT | HOLD 770-2 | _090609C | 06/23 | 3/09 17:32 |
| Radium 226 | -0.006 | pCi/L | | | | | | U |
| Radium 226 precision (±) | 0.1 | pCi/L | | | | | | |
| Radium 226 MDC | 0.2 | pCi/L | | | | | | |
| Sample ID: LCS-RA226-3733 | Laboratory Co | ntrol Sample | | Run: BERT | HOLD 770-2 | _090609C | 06/23 | 3/09 17:32 |
| Radium 226 | 6.2 | pCi/L | 79 | 70 | 130 | | | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration



UR Energy USA Inc

Report Date: 07/15/09

Project: Lost Creek

Work Order: C09060266

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Lim | lt RPD | RPDLimit | Qual |
|-------------------------------|-------------|--------------|-----------------|----|------|-----------|-----------|-----------|-----------|-----------|
| Method: E903.0 | | | | • | | | | | Batch: RA | 226-373 |
| Sample ID: C09060266-014DMS | Sa | ample Matrix | Spike | | | Run: BERT | HOLD 770- | 1_090609B | 06/16 | /09 09:09 |
| Radium 226 | | 19 | pCi/L | | 87 | 70 | 13 | 0 | | |
| Sample ID: C09060266-014DMSD | Sa | ample Matrix | Spike Duplicate | | | Run: BERT | HOLD 770- | 1_090609B | 06/16 | /09 09:09 |
| Radium 226 | | 19 | pCi/L | | 88 | 70 | 13 | 0.8 | 23.6 | |
| Sample ID: MB-RA226-3734 | <u>3</u> Me | ethod Blank | | | | Run: BERT | HOLD 770- | 1_090609B | 06/16 | /09 10:41 |
| Radium 226 | | -0.04 | pCi/L | | | | | | | U |
| Radium 226 precision (±) | | 0.1 | pCi/L | | | | | | | |
| Radium 226 MDC | | 0.2 | pCi/L | | | | | | | |
| Sample ID: LCS-RA226-3734 | La | boratory Cor | ntrol Sample | - | | Run: BERT | HOLD 770- | 1_090609B | 06/16 | /09 10:41 |
| Radium 226 | | 6.6 | pCi/L | | 85 | 70 | 13 | 0 | | |
| Method: RA-05 | | • | | | | | | | Batch: RA | 228-2704 |
| Sample ID: LCS-228-RA226-3728 | La | boratory Cor | ntrol Sample | | | Run: TENN | ELEC-3_09 | 0608A | 06/16 | /09 14:42 |
| Radium 228 | | 7.67 | pCi/L | | 93 | 70 | 13 |) | | |
| Sample ID: MB-RA226-3728 | <u>3</u> Me | ethod Blank | | | | Run: TENN | ELEC-3_09 | 0608A | 06/16 | /09 14:42 |
| Radium 228 | | -0.4 | pCi/L | | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | |
| Sample ID: C09060201-010DMS | Sa | mple Matrix | Spike | | | Run: TENN | ELEC-3_09 | 0608A | 06/16 | /09 14:42 |
| Radium 228 | | 21.7 | pCi/L | | 95 | 70 | 13 | ס | | |
| Sample ID: C09060201-010DMSD | Sa | mple Matrix | Spike Duplicate | | | Run: TENN | ELEC-3_09 | 0608A | 06/16 | /09 14:42 |
| Radium 228 | | 22.3 | pCi/L | | 99 | 70 | 13 | 2.7 | 29.9 | |
| Method: RA-05 | | | | | | | | | Batch: RA | 228-2705 |
| Sample ID: LCS-228-RA226-3729 | La | boratory Cor | ntrol Sample | | | Run: TENN | ELEC-3_09 | 0608B | 06/17 | /09 13:20 |
| Radium 228 | | 8.54 | pCi/L | | 98 | 70 | 130 |) | | |
| Sample ID: MB-RA226-3729 | <u>3</u> Me | ethod Blank | | | | Run: TENN | ELEC-3_09 | 0608B | 06/17 | /09 13:20 |
| Radium 228 | | 0.05 | pCi/L | | | | | | | U |
| Radium 228 precision (±) | | 0.6 | pCi/L | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | |
| Sample ID: C09060266-005DMS | Sa | mple Matrix | Spike | | | Run: TENN | ELEC-3_09 | 0608B | 06/17 | /09 13:20 |
| Radium 228 | | 23.1 | pCi/L | | 82 | 70 | 130 | י | | |
| Sample ID: C09060266-005DMSD | Sa | mple Matrix | Spike Duplicate | | | Run: TENN | ELEC-3_09 | 0608B | 06/17/ | /09 13:20 |
| Radium 228 | | 22.7 | pCi/L | | 80 | 70 | 130 | 1.7 | 28.1 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/15/09

Work Order: C09060266

| Analyte | Count | Result | Units | RL | %REC | Low Li | mit | Hlgh | Limit | RPD | RPDLimit | Quai |
|-------------------------------|------------|---------------------------------------|-----------------|----|------|----------|------|-------|------------|-----|------------------|-----------|
| Method: RA-05 | | | | | | | | | . <u> </u> | | Batch: RA | 228-270 |
| Sample ID: LCS-228-RA226-3730 | L | aboratory Cor | ntrol Sample | | | Run: TE | ENNE | ELEC- | 3_090608C | | 06/17 | /09 15:28 |
| Radium 228 | | 6.63 | pCi/L | | 86 | | 70 | | 130 | | | |
| Sample ID: MB-RA226-3730 | <u>3</u> N | Method Blank | | | | Run: TE | NNE | ELEC- | 3_090608C | | 06/17 | /09 15:28 |
| Radium 228 | | -0.8 | pCi/L | | | | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | | | • |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | | |
| Sample ID: C09060266-007DMS | s | Sample Matrix | Spike | | | Run: TE | NNE | LEC- | 3_090608C | | 06/17/ | /09 15:28 |
| Radium 228 | | 20.0 | pCi/L | | 86 | | 70 | | 130 | | | |
| Sample ID: C09060266-007DMSD | s | Sample Matrix | Spike Duplicate | | | Run: TE | NNE | LEC- | 3_090608C | | 06/17/ | 09 15:28 |
| Radium 228 | | 23.1 | pCi/L | | 104 | | 70 | | 130 | 15 | 33.3 | |
| Method: RA-05 | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | Batch: RA | 228-2708 |
| Sample ID: LCS-228-RA226-3731 | L | aboratory Cor | trol Sample | | | Run: TE | NNE | LEC- | 3 090608D | | 06/18/ | 09 12:32 |
| Radium 228 | | 6.43 | pCi/L | | 82 | | 70 | | 130 | | 997101 | |
| Sample ID: MB-RA226-3731 | <u>3</u> N | lethod Blank | | | | Run: TE | NNE | LEC- | 3_090608D | | 06/18/ | 09 12:32 |
| Radium 228 | | -0.6 | pCi/L | | | | | | _ | | | U |
| Radium 228 precision (±) | | 0.6 | pCi/L | | | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | | |
| Sample ID: C09060266-009DMS | s | ample Matrix | Spike | | | Run: TE | NNE | LEC-3 | 3_090608D | | 06/18/ | 09 12:32 |
| Radium 228 | | 17.7 | pCi/L | | 77 | 7 | 70 | | 130 | | | |
| iample ID: C09060266-009DMSD | s | ample Matrix | Spike Duplicate | | | Run: TE | NNE | LEC-3 | 3_090608D | | 06/18/ | 09 12:32 |
| Radium 228 | | 19.4 | pCi/L | | 87 | 7 | 70 | | 130 | 9 | 32.7 | |
| Method: RA-05 | | | | | - | | | - | | | Batch: RA | 228-2709 |
| iample ID: LCS-228-RA226-3732 | La | aboratory Con | troi Sample | | | Run: TEI | NNE | LEC-3 | 3_090608E | | 06/18/ | 09 14:45 |
| Radium 228 | | 6.71 | pCi/L | | 87 | 7 | 70 | | 130 | | | |
| ample ID: MB-RA226-3732 | <u>3</u> M | lethod Blank | | | | Run: TEI | NNE | LEC-3 | 3_090608E | | 06/18/ | 09 14:45 |
| Radium 228 | | -0.8 | pCi/L | | | | | | _ | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | | |
| ample ID: C09060266-011DMS | S | ample Matrix \$ | Spike | | | Run: TEI | NNE | LEC-3 | _090608E | | 06/18/ | 09 14:45 |
| Radium 228 | | 16.5 | pCi/L | | 83 | | 70 | | 130 | | · - - | |
| ample ID: C09060266-011DMSD | Si | ample Matrix S | Spike Duplicate | | | Run: TEI | NNE | LEC-3 | _090608E | | 06/18/6 | 09 14:45 |
| Radium 228 | | 16.8 | pCi/L | | 84 | | 70 | | 130 | 1.9 | 35.6 | |

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration



Client: UR Energy USA Inc

Project: Lost Creek

Report Date: 07/15/09

| Analyte | Count | Result | Units | RL % | 6REC | Low L | imlt | High Llmit | RPD | RPDLimit | Qual |
|-------------------------------|-------------|--------------|-----------------|------|------|--------|------|----------------|-----|-----------|------------------------|
| Method: RA-05 | | | . — | | | | | | | Batch: RA | 228-2710 |
| Sample ID: LCS-228-RA226-3733 | Lal | boratory Cor | ntrol Sample | | | Run: T | ENNE | ELEC-3_090609E | } | 06/19/ | <mark>/09 10:37</mark> |
| Radium 228 | | 7.26 | pCi/L | | 86 | | 70 | 130 | | | |
| Sample ID: MB-RA226-3733 | <u>3</u> Me | thod Blank | | | | Run: T | ENNE | ELEC-3_090609E | i | 06/19/ | /09 10:37 |
| Radium 228 | | -0.2 | pCi/L | | | | | | | | U |
| Radium 228 precision (±) | | 0.6 | pCi/L | | | | | | | | |
| Radium 228 MDC | | 0.9 | pCi/L | | | | | | | | |
| Sample ID: C09060266-013DMS | Sa | mple Matrix | Spike | | | Run: T | ENNE | ELEC-3_090609E | 3 | 06/19/ | /09 10:37 |
| Radium 228 | | 18.5 | pCi/L | | 84 | | 70 | 130 | | | |
| Sample ID: C09060266-013DMSD |) Sa | mple Matrix | Spike Duplicate | | | Run: T | ENNE | ELEC-3_090609E | 3 | 06/19/ | /09 10:37 |
| Radium 228 | | 20.5 | pCi/L | | 95 | | 70 | 130 | 10 | 29.9 | |
| Method: RA-05 | | | | | | | | | | Batch: RA | 228-271 |
| Sample ID: LCS-228-RA226-3734 | Lai | boratory Cor | ntrol Sample | | | Run: T | ENNE | ELEC-3_090609A | | 06/12/ | /09 10:58 |
| Radium 228 | | 8.81 | pCi/L | | 110 | | 70 | 130 | | | |
| Sample ID: MB-RA226-3734 | <u>3</u> Me | thod Blank | | | | Run: T | ENNE | ELEC-3_090609A | | 06/12 | /09 10:58 |
| Radium 228 | | -0.8 | pCi/L | | | | | | | | U |
| Radium 228 precision (±) | | 0.7 | pCi/L | | | | | | | | |
| Radium 228 MDC | | 1 | pCi/L | | | | | | | | |
| Sample ID: C09060266-015DMS | Sa | mple Matrix | Spike | | | Run: T | ENNE | ELEC-3_090609A | | 06/12 | /09 10:58 |
| Radium 228 | | 24.1 | pCi/L | | 104 | | 70 | 130 | | | |
| Sample ID: C09060266-015DMSD | Sa | mple Matrix | Spike Duplicate | | | Run: T | ENNE | ELEC-3_090609A | ١. | 06/12 | /09 10:58 |
| Radium 228 | | 23.4 | pCi/L | | 100 | | 70 | 130 | 2.8 | 30.2 | |



Chain of Custody and Analytical Request Record

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| Company Name: | | e, PWS, Permit, Etc. | ormation as possible. | | Sample Origin | EPA/State Compliance: |
|--|--|----------------------|-------------------------|--------------------------------------|---|---|
| UR Energy | lost C | nek | | | State: Wy | Yes No 🖳 |
| Report Mail Address Dr Swife Zoo | Contact Nam | ne: Phon | e/Fax: | | Email: | Sampler: (Please Print) |
| Caseer WY 82609 | John Cas | 1 307.265-2 | 373 Johnwash | Eur. | Cherry - Com | |
| Invoice Address: | Invoice Cont | tact & Phone: | <u> </u> | | Purchase Order: | Quote/Bottle Order: |
| Special Report/Formats – ELI must be notified prior to sample submittal for the following: \[\mathcal{UR} \int \text{Energy} \int \text{Size} \int \] \[\mathcal{DW} \text{A2LA} \text{EDD/EDT(Electronic Data)} \] \[\mathcal{POTW/WWTP} \text{Format:} \text{LEVEL IV} \text{Other:} \text{DELAC} \] | Number of Containers Sample Type: A W S V B O Air Water Soils/Solids Vegetation Bioassay Other | :de l.ne 8 | | SEE ATTACHED Normal Turnaround (TAT) | Contact ELI price RUSH sample set for charges and scheduling – Set Instruction Page Comments: S H | Receipt Temp Cooler No Custody Seal Y Bottles/ Coolers Intact Y N |
| SAMPLE IDENTIFICATION Collection Collection (Name, Location, Interval, etc.) Date Time | MATRIX | 3 | | | | Signature Y Match |
| Mo-103 #60 6.4-08 | W 294/ | | | | | |
| 2 MP-103 #61 | / | | | | | ONIT |
| 3 Mn-103 #62 | | | | | | |
| 4 Mo-105 #63 | | | | | (09060-21 | |
| 5 MP-105 #164 | _ | | | | | |
| 6 Mu. 105 #165 | | | | | | ORY |
| 1 KPW-2 #66 | | | | | | |
| ° M-135 #67 | | | | | | <u> </u> |
| 9 Mu-101 #68 | | | | | | |
| 10 MP-101 # 69 | | | | | | |
| Relinguished by (pgint): Date/Time: | Sign | ture: | Received by (print): | 6 | Date/Time: -5-09 8.65 Date/Time: | Signature: |
| RECOLU Refinquished by (print): Date/Time: | Signa | iture | Received by (print): | | Date/Time: | Signature: |
| Signed Sample Disposal: Return to Client: | Lab Dispos | sal: | Received by Laboratory: | a lefs | pare/Time: | Signature: |

| ENERGY | • |
|--------------|---|
| LABORATORIES | |

Chain of Custody and Analytical Request Record

| Page Z of Z | |
|-------------|--|
|-------------|--|

| Company Name: | Project Name, PWS, Permit, Etc. | |
|---|--|---|
| UP Forms | | Sample Origin EPA/State Compliance: |
| Report Mail Address: 5880 Enterprise Dr Swite 200 | Lost Creek | State: WY Yes \(\text{Y No } \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \ |
| | Contact Name: Phone/Fax: | Email: Sampler: (Please Print) |
| Cosper WY 82609 | TI CI | |
| Invoice Address: | Invoice Contact & Phone: | nergyura.com |
| | moss contact & Fhore. | Purchase Order: Quote/Bottle Order: |
| Special Report/Formats – ELI must be notified | | |
| prior to sample submittal for the following: | ANALYSIS REQUESTED | Contact ELI prior to Shipped by: |
| Up Energy Excel Sheet | Number of Containers Sample Type: A W S V B O Air Water Soils/Soilds Vegetation Bioassay Other And Turnaround (TAT) | RUSH sample submittal for charges and Cooler iD(s): |
| We thing of exite 1 sees | Number of Containe Sample Type, AW S V Air Water Solis/Solid Vegetation Bioassay O SELATTACHED Normal Turnaround (TAT) | |
| □ DW □ A2LA | A A A A A A A A A A A A A A A A A A A | scheduling – See Instruction Page |
| GSA FDD/FDT/Electronic Date) | umber of Contain uple Type: A W S vir Water Soils/Soi jetation Bioassay ATTACHED Turnaround (TA | Comments: Receipt Temp |
| ☐ POTW/WWTP Format: | | |
| ☐ State: ☐ LEVEL IV ☐ NELAC | Parit A land | S On ice: |
| Other: NELAC | SEE Series | Custody Seal Y N |
| | No N | Bottles/ Coolers B C |
| SAMPLE IDENTIFICATION Collection (Name, Location, Interval, etc.) | MATRIX (3 | Intact \\N\ |
| | | Signature Match |
| MO-101 # 70 826-409 | W Zay | |
| MO-102 #71 | | |
| 3 MP-102 #72 | | |
| M4-162 # 73 | | — |
| 5 MP-111 #74 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | |
| 6 M-136 # 75 | | |
| 7 | | |
| 8 | | |
| 9 | | CONCODICO 8 |
| 10 | | Carooxing & |
| | | |
| Record Relinquished by (print): Date/Time: | Signature: Received by (print): Da | tte/Time: Signature |
| pate/Time: | Grant 19 Gent 6-9 | 5-09. 8.05 |
| MUST be 6-5-69- 8:3 | | te/Time: |
| Signed Sample Disposal: Return to Client: | Lab Disposal: DIRUE: DWN/No Color | 109 8:37 Miller Albri |
| In certain circumstances, samples submitted to Energy | | of On Whom Ylord |

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.

This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc Workorder Receipt Checklist



UR Energy USA Inc

C09060266

| Login completed by: Kimberly Humiston | | Date and Time | Received: 6/5/2009 8:36 | AM |
|---|-------|---------------|-------------------------|----|
| Reviewed by: | | Re | eceived by: dd | |
| Reviewed Date: | | Са | rrier name: Hand Del | |
| Shipping container/cooler in good condition? | Yes 🔽 | No 🗀 | Not Present | |
| Custody seals intact on shipping container/cooler? | Yes 🗌 | No 🗀 | Not Present ✓ | |
| Custody seals intact on sample bottles? | Yes 🗌 | No 🗌 | Not Present ✓ | |
| Chain of custody present? | Yes 🔽 | No 🗀 | | |
| Chain of custody signed when relinquished and received? | Yes 🏹 | No 🗌 | | |
| Chain of custody agrees with sample labels? | Yes 🗹 | No 🗌 | | |
| Samples in proper container/bottle? | Yes 🗸 | No 🔲 | | |
| Sample containers intact? | Yes 🗹 | No 🗌 | | |
| Sufficient sample volume for indicated test? | Yes ✓ | No 🗀 | | |
| All samples received within holding time? | Yes 🗹 | No 🗌 | | |
| Container/Temp Blank temperature: | 4°C | | | |
| Water - VOA vials have zero headspace? | Yes 🔲 | No 🔲 | No VOA vials submitted | |
| Water - pH acceptable upon receipt? | Yes 🗹 | No 🗌 | Not Applicable | |

Contact and Corrective Action Comments:

Sample was subsampled and preserved in lab upon receipt for metals with 1/2 mL HNO3 and for Nitrate+Nitrite with 1/2 mL H2SO4 to pH <2. In accordance with the Drinking Water Act, the metals/hardness sample must be held 24 hours prior to analysis.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602 Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT:

UR Energy USA Inc

Project:

Lost Creek

Sample Delivery Group: C09060266

CASE NADDATIVE

Date: 15-Jul-09

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS

Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS

The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505

Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT

eli-g - Energy Laboratories, Inc. - Gillette, WY

eli-h - Energy Laboratories, Inc. - Helena, MT

eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT