SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 070807-9
SRR: 31073
SDG: 304218
CASE: CNWRA
VTSR: August 7, 2007
PROJECT#: 14002.01.081

FINAL REPORT

SOUTHWEST RESEARCH INSTITUTE 010002

SAMPLE ANALYSIS DATA SHEET

Sample ID
NPUA-4A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304218

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.5
Antimony	<0.150	0.15
Arsenic	<0.0500	0.05
Barium	<0.0500	0.05
Beryllium	<0.0500	0.05
Bismuth	<0.100	0.1
Boron	<0.250	0.25
Cadmium	<0.0500	0.05
Calcium	422	0.5
Chromium	<0.0500	0.05
Cobalt	<0.0500	0.05
Copper	<0.0500	0.05
Iron	<1.00	1
Lanthanum	<0.0500	0.05
Lead	<0.0500	0.05
Lithium	<0.100	0.1
Magnesium	<0.500	0.5
Manganese	<0.0500	0.05
Molybdenum	<0.0500	0.05
Nickel	<0.0500	0.05
Palladium	<0.250	0.25
Phosphorus	<0.200	0.2
Potassium	<3.00	3
Selenium	<0.0500	0.05
Silicon	33.5	0.2
Silver	<0.0500	0.05
Sodium	<2.50	2.5
Strontium	0.256	0.05
Sulfur	<0.250	0.25
Thallium	<0.100	0.1
Thorium	<0.250	0.25
Tin	<0.0500	0.05
Titanium	<0.0500	0.05
Tungsten	<0.100	0.1
Uranium	0.418	0.001
Vanadium	<0.0500	0.05
Yttrium	<0.0500	0.05
Zinc	<0.0500	0.05
Zirconium	<0.0500	0.05

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010003

Sample ID
NPUA-4B

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304219

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.5
Antimony	<0.150	0.15
Arsenic	<0.0500	0.05
Barium	0.109	0.05
Beryllium	<0.0500	0.05
Bismuth	<0.100	0.1
Boron	<0.250	0.25
Cadmium	<0.0500	0.05
Calcium	427	0.5
Chromium	<0.0500	0.05
Cobalt	<0.0500	0.05
Copper	<0.0500	0.05
Iron	<1.00	1
Lanthanum	<0.0500	0.05
Lead	<0.0500	0.05
Lithium	<0.100	0.1
Magnesium	<0.500	0.5
Manganese	<0.0500	0.05
Molybdenum	<0.0500	0.05
Nickel	<0.0500	0.05
Palladium	<0.250	0.25
Phosphorus	<0.200	0.2
Potassium	<3.00	3
Selenium	<0.0500	0.05
Silicon	34.1	0.2
Silver	<0.0500	0.05
Sodium	<2.50	2.5
Strontium	0.261	0.05
Sulfur	<0.250	0.25
Thallium	<0.100	0.1
Thorium	<0.250	0.25
Tin	<0.0500	0.05
Titanium	<0.0500	0.05
Tungsten	<0.100	0.1
Uranium	0.403	0.001
Vanadium	<0.0500	0.05
Yttrium	<0.0500	0.05
Zinc	<0.0500	0.05
Zirconium	<0.0500	0.05

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010004

Sample ID
NPUA-4C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304220

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.5
Antimony	<0.150	0.15
Arsenic	<0.0500	0.05
Barium	0.158	0.05
Beryllium	<0.0500	0.05
Bismuth	<0.100	0.1
Boron	<0.250	0.25
Cadmium	<0.0500	0.05
Calcium	432	0.5
Chromium	<0.0500	0.05
Cobalt	<0.0500	0.05
Copper	<0.0500	0.05
Iron	<1.00	1
Lanthanum	<0.0500	0.05
Lead	<0.0500	0.05
Lithium	<0.100	0.1
Magnesium	<0.500	0.5
Manganese	<0.0500	0.05
Molybdenum	<0.0500	0.05
Nickel	<0.0500	0.05
Palladium	<0.250	0.25
Phosphorus	<0.200	0.2
Potassium	<3.00	3
Selenium	<0.0500	0.05
Silicon	34.6	0.2
Silver	<0.0500	0.05
Sodium	<2.50	2.5
Strontium	0.267	0.05
Sulfur	<0.250	0.25
Thallium	<0.100	0.1
Thorium	<0.250	0.25
Tin	<0.0500	0.05
Titanium	<0.0500	0.05
Tungsten	<0.100	0.1
Uranium	3.36	0.02
Vanadium	<0.0500	0.05
Yttrium	<0.0500	0.05
Zinc	<0.0500	0.05
Zirconium	<0.0500	0.05

SOUTHWEST RESEARCH INSTITUTE

DUPLICATE SUMMARY 010005

Sample ID
NPUA-4C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304220D

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Orig. Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	RPD
Aluminum	<0.500	<0.500	0.00%
Antimony	<0.150	<0.150	0.00%
Arsenic	<0.0500	<0.0500	0.00%
Barium	0.158	0.157	0.63%
Beryllium	<0.0500	<0.0500	0.00%
Bismuth	<0.100	<0.100	0.00%
Boron	<0.250	<0.250	0.00%
Cadmium	<0.0500	<0.0500	0.00%
Calcium	432	436	0.92%
Chromium	<0.0500	<0.0500	0.00%
Cobalt	<0.0500	<0.0500	0.00%
Copper	<0.0500	<0.0500	0.00%
Iron	<1.00	1.03	200%
Lanthanum	<0.0500	<0.0500	0.00%
Lead	<0.0500	<0.0500	0.00%
Lithium	<0.100	<0.100	0.00%
Magnesium	<0.500	<0.500	0.00%
Manganese	<0.0500	<0.0500	0.00%
Molybdenum	<0.0500	<0.0500	0.00%
Nickel	<0.0500	<0.0500	0.00%
Palladium	<0.250	<0.250	0.00%
Phosphorus	<0.200	<0.200	0.00%
Potassium	<3.00	<3.00	0.00%
Selenium	<0.0500	<0.0500	0.00%
Silicon	34.6	34.6	0.00%
Silver	<0.0500	<0.0500	0.00%
Sodium	<2.50	<2.50	0.00%
Strontium	0.267	0.266	0.38%
Sulfur	<0.250	<0.250	0.00%
Thallium	<0.100	<0.100	0.00%
Thorium	<0.250	<0.250	0.00%
Tin	<0.0500	<0.0500	0.00%
Titanium	<0.0500	<0.0500	0.00%
Tungsten	<0.100	<0.100	0.00%
Uranium	---	---	---
Vanadium	<0.0500	<0.0500	0.00%
Yttrium	<0.0500	<0.0500	0.00%
Zinc	<0.0500	<0.0500	0.00%
Zirconium	<0.0500	<0.0500	0.00%

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010006

Sample ID
NPUA-8A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304221

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.5
Antimony	<0.150	0.15
Arsenic	<0.0500	0.05
Barium	<0.0500	0.05
Beryllium	<0.0500	0.05
Bismuth	<0.100	0.1
Boron	<0.250	0.25
Cadmium	<0.0500	0.05
Calcium	418	0.5
Chromium	<0.0500	0.05
Cobalt	<0.0500	0.05
Copper	<0.0500	0.05
Iron	<1.00	1
Lanthanum	<0.0500	0.05
Lead	<0.0500	0.05
Lithium	<0.100	0.1
Magnesium	<0.500	0.5
Manganese	<0.0500	0.05
Molybdenum	<0.0500	0.05
Nickel	<0.0500	0.05
Palladium	<0.250	0.25
Phosphorus	<0.200	0.2
Potassium	<3.00	3
Selenium	<0.0500	0.05
Silicon	33.2	0.2
Silver	<0.0500	0.05
Sodium	10.4	2.5
Strontium	0.270	0.05
Sulfur	<0.250	0.25
Thallium	<0.100	0.1
Thorium	<0.250	0.25
Tin	<0.0500	0.05
Titanium	<0.0500	0.05
Tungsten	<0.100	0.1
Uranium	0.440	0.001
Vanadium	<0.0500	0.05
Yttrium	<0.0500	0.05
Zinc	<0.0500	0.05
Zirconium	<0.0500	0.05

SOUTHWEST RESEARCH INSTITUTE

MATRIX SPIKE SUMMARY 010007

Sample ID: NPUA-8A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304221S

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Orig. Sample Result (mg/L)	Spike Result (mg/L)	Spike Added (mg/L)	Recovery
Aluminum	<0.500	19.6	20.0	98.0%
Antimony	<0.150	4.94	5.00	98.8%
Arsenic	<0.0500	20.0	20.0	100.0%
Barium	<0.0500	19.8	20.0	99.0%
Beryllium	<0.0500	0.511	0.500	102.2%
Bismuth	NA	NA	NA	NA
Boron	NA	NA	NA	NA
Cadmium	<0.0500	0.496	0.500	99.2%
Calcium	418	628	200	105.0%
Chromium	<0.0500	1.95	2.00	97.5%
Cobalt	<0.0500	4.99	5.00	99.8%
Copper	<0.0500	2.50	2.50	100.0%
Iron	<1.00	12.2	10.0	122.0%
Lanthanum	NA	NA	NA	NA
Lead	<0.0500	4.93	5.00	98.6%
Lithium	<0.100	38.6	40.0	96.5%
Magnesium	<0.500	205	200	102.5%
Manganese	<0.0500	5.10	5.00	102.0%
Molybdenum	NA	NA	NA	NA
Nickel	<0.0500	4.74	5.00	94.8%
Palladium	NA	NA	NA	NA
Phosphorus	NA	NA	NA	NA
Potassium	<3.00	194	200	97.0%
Selenium	<0.0500	20.7	20.0	103.5%
Silicon	33.2	75.2	40.0	105.0%
Silver	<0.0500	0.499	0.500	99.8%
Sodium	10.4	207	200	98.3%
Strontium	NA	NA	NA	NA
Sulfur	NA	NA	NA	NA
Thallium	<0.100	20.6	20.0	103.0%
Thorium	NA	NA	NA	NA
Tin	NA	NA	NA	NA
Titanium	NA	NA	NA	NA
Tungsten	NA	NA	NA	NA
Uranium	---	---	---	---
Vanadium	<0.0500	5.06	5.00	101.2%
Yttrium	NA	NA	NA	NA
Zinc	<0.0500	5.12	5.00	102.4%
Zirconium	NA	NA	NA	NA

NA - Not Applicable.

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010008

Sample ID: NPUA-8B

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304222

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.5
Antimony	<0.150	0.15
Arsenic	<0.0500	0.05
Barium	0.0941	0.05
Beryllium	<0.0500	0.05
Bismuth	<0.100	0.1
Boron	<0.250	0.25
Cadmium	<0.0500	0.05
Calcium	425	0.5
Chromium	<0.0500	0.05
Cobalt	<0.0500	0.05
Copper	<0.0500	0.05
Iron	<1.00	1
Lanthanum	<0.0500	0.05
Lead	<0.0500	0.05
Lithium	<0.100	0.1
Magnesium	<0.500	0.5
Manganese	<0.0500	0.05
Molybdenum	<0.0500	0.05
Nickel	<0.0500	0.05
Palladium	<0.250	0.25
Phosphorus	<0.200	0.2
Potassium	<3.00	3
Selenium	<0.0500	0.05
Silicon	33.5	0.2
Silver	<0.0500	0.05
Sodium	10.6	2.5
Strontium	0.272	0.05
Sulfur	<0.250	0.25
Thallium	<0.100	0.1
Thorium	<0.250	0.25
Tin	<0.0500	0.05
Titanium	<0.0500	0.05
Tungsten	<0.100	0.1
Uranium	0.409	0.001
Vanadium	<0.0500	0.05
Yttrium	<0.0500	0.05
Zinc	<0.0500	0.05
Zirconium	<0.0500	0.05

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010009

Sample ID
NPUA-8C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304223

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.5
Antimony	<0.150	0.15
Arsenic	<0.0500	0.05
Barium	0.163	0.05
Beryllium	<0.0500	0.05
Bismuth	<0.100	0.1
Boron	<0.250	0.25
Cadmium	<0.0500	0.05
Calcium	431	0.5
Chromium	<0.0500	0.05
Cobalt	<0.0500	0.05
Copper	<0.0500	0.05
Iron	<1.00	1
Lanthanum	<0.0500	0.05
Lead	<0.0500	0.05
Lithium	<0.100	0.1
Magnesium	<0.500	0.5
Manganese	<0.0500	0.05
Molybdenum	<0.0500	0.05
Nickel	<0.0500	0.05
Palladium	<0.250	0.25
Phosphorus	<0.200	0.2
Potassium	<3.00	3
Selenium	<0.0500	0.05
Silicon	33.7	0.2
Silver	<0.0500	0.05
Sodium	10.0	2.5
Strontium	0.277	0.05
Sulfur	<0.250	0.25
Thallium	<0.100	0.1
Thorium	<0.250	0.25
Tin	<0.0500	0.05
Titanium	<0.0500	0.05
Tungsten	<0.100	0.1
Uranium	0.620	0.001
Vanadium	<0.0500	0.05
Yttrium	<0.0500	0.05
Zinc	<0.0500	0.05
Zirconium	<0.0500	0.05

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010010

Sample ID
NPUA-M15

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304224

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.5
Antimony	<0.150	0.15
Arsenic	<0.0500	0.05
Barium	<0.0500	0.05
Beryllium	<0.0500	0.05
Bismuth	<0.100	0.1
Boron	<0.250	0.25
Cadmium	<0.0500	0.05
Calcium	422	0.5
Chromium	<0.0500	0.05
Cobalt	<0.0500	0.05
Copper	<0.0500	0.05
Iron	<1.00	1
Lanthanum	<0.0500	0.05
Lead	<0.0500	0.05
Lithium	<0.100	0.1
Magnesium	<0.500	0.5
Manganese	<0.0500	0.05
Molybdenum	<0.0500	0.05
Nickel	<0.0500	0.05
Palladium	<0.250	0.25
Phosphorus	<0.200	0.2
Potassium	<3.00	3
Selenium	<0.0500	0.05
Silicon	33.2	0.2
Silver	<0.0500	0.05
Sodium	10.2	2.5
Strontium	0.268	0.05
Sulfur	<0.250	0.25
Thallium	<0.100	0.1
Thorium	<0.250	0.25
Tin	<0.0500	0.05
Titanium	<0.0500	0.05
Tungsten	<0.100	0.1
Uranium	1.96	0.02
Vanadium	<0.0500	0.05
Yttrium	<0.0500	0.05
Zinc	<0.0500	0.05
Zirconium	<0.0500	0.05

SOUTHWEST RESEARCH INSTITUTE

DUPLICATE SUMMARY 010011

Sample ID
NPUA-M15

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304224D

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Orig. Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	RPD
Aluminum	---	---	---
Antimony	---	---	---
Arsenic	---	---	---
Barium	---	---	---
Beryllium	---	---	---
Bismuth	---	---	---
Boron	---	---	---
Cadmium	---	---	---
Calcium	---	---	---
Chromium	---	---	---
Cobalt	---	---	---
Copper	---	---	---
Iron	---	---	---
Lanthanum	---	---	---
Lead	---	---	---
Lithium	---	---	---
Magnesium	---	---	---
Manganese	---	---	---
Molybdenum	---	---	---
Nickel	---	---	---
Palladium	---	---	---
Phosphorus	---	---	---
Potassium	---	---	---
Selenium	---	---	---
Silicon	---	---	---
Silver	---	---	---
Sodium	---	---	---
Strontium	---	---	---
Sulfur	---	---	---
Thallium	---	---	---
Thorium	---	---	---
Tin	---	---	---
Titanium	---	---	---
Tungsten	---	---	---
Uranium	1.96	2.04	4.00%
Vanadium	---	---	---
Yttrium	---	---	---
Zinc	---	---	---
Zirconium	---	---	---

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010012

Sample ID
NPUA-M16

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304225

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.5
Antimony	<0.150	0.15
Arsenic	<0.0500	0.05
Barium	<0.0500	0.05
Beryllium	<0.0500	0.05
Bismuth	<0.100	0.1
Boron	<0.250	0.25
Cadmium	<0.0500	0.05
Calcium	419	0.5
Chromium	<0.0500	0.05
Cobalt	<0.0500	0.05
Copper	<0.0500	0.05
Iron	<1.00	1
Lanthanum	<0.0500	0.05
Lead	<0.0500	0.05
Lithium	<0.100	0.1
Magnesium	<0.500	0.5
Manganese	<0.0500	0.05
Molybdenum	<0.0500	0.05
Nickel	<0.0500	0.05
Palladium	<0.250	0.25
Phosphorus	<0.200	0.2
Potassium	<3.00	3
Selenium	<0.0500	0.05
Silicon	33.1	0.2
Silver	<0.0500	0.05
Sodium	9.80	2.5
Strontium	0.268	0.05
Sulfur	<0.250	0.25
Thallium	<0.100	0.1
Thorium	<0.250	0.25
Tin	<0.0500	0.05
Titanium	<0.0500	0.05
Tungsten	<0.100	0.1
Uranium	2.00	0.02
Vanadium	<0.0500	0.05
Yttrium	<0.0500	0.05
Zinc	<0.0500	0.05
Zirconium	<0.0500	0.05

SOUTHWEST RESEARCH INSTITUTE

MATRIX SPIKE SUMMARY 010013

Sample ID
NPUA-M16

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304225S

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Orig. Sample Result (mg/L)	Spike Result (mg/L)	Spike Added (mg/L)	Recovery
Aluminum	---	---	---	---
Antimony	---	---	---	---
Arsenic	---	---	---	---
Barium	---	---	---	---
Beryllium	---	---	---	---
Bismuth	---	---	---	---
Boron	---	---	---	---
Cadmium	---	---	---	---
Calcium	---	---	---	---
Chromium	---	---	---	---
Cobalt	---	---	---	---
Copper	---	---	---	---
Iron	---	---	---	---
Lanthanum	---	---	---	---
Lead	---	---	---	---
Lithium	---	---	---	---
Magnesium	---	---	---	---
Manganese	---	---	---	---
Molybdenum	---	---	---	---
Nickel	---	---	---	---
Palladium	---	---	---	---
Phosphorus	---	---	---	---
Potassium	---	---	---	---
Selenium	---	---	---	---
Silicon	---	---	---	---
Silver	---	---	---	---
Sodium	---	---	---	---
Strontium	---	---	---	---
Sulfur	---	---	---	---
Thallium	---	---	---	---
Thorium	---	---	---	---
Tin	---	---	---	---
Titanium	---	---	---	---
Tungsten	---	---	---	---
Uranium	2.00	4.92	3.03	96.5%
Vanadium	---	---	---	---
Yttrium	---	---	---	---
Zinc	---	---	---	---
Zirconium	---	---	---	---

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010014

Sample ID
NPUA-M7

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304226

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.5
Antimony	<0.150	0.15
Arsenic	<0.0500	0.05
Barium	<0.0500	0.05
Beryllium	<0.0500	0.05
Bismuth	<0.100	0.1
Boron	<0.250	0.25
Cadmium	<0.0500	0.05
Calcium	418	0.5
Chromium	<0.0500	0.05
Cobalt	<0.0500	0.05
Copper	<0.0500	0.05
Iron	<1.00	1
Lanthanum	<0.0500	0.05
Lead	<0.0500	0.05
Lithium	<0.100	0.1
Magnesium	<0.500	0.5
Manganese	<0.0500	0.05
Molybdenum	<0.0500	0.05
Nickel	<0.0500	0.05
Palladium	<0.250	0.25
Phosphorus	<0.200	0.2
Potassium	<3.00	3
Selenium	<0.0500	0.05
Silicon	33.5	0.2
Silver	<0.0500	0.05
Sodium	<2.50	2.5
Strontium	0.256	0.05
Sulfur	<0.250	0.25
Thallium	<0.100	0.1
Thorium	<0.250	0.25
Tin	<0.0500	0.05
Titanium	<0.0500	0.05
Tungsten	<0.100	0.1
Uranium	2.02	0.02
Vanadium	<0.0500	0.05
Yttrium	<0.0500	0.05
Zinc	<0.0500	0.05
Zirconium	<0.0500	0.05

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010015

Sample ID
NPUA-M8

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304227

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.5
Antimony	<0.150	0.15
Arsenic	<0.0500	0.05
Barium	<0.0500	0.05
Beryllium	<0.0500	0.05
Bismuth	<0.100	0.1
Boron	<0.250	0.25
Cadmium	<0.0500	0.05
Calcium	419	0.5
Chromium	<0.0500	0.05
Cobalt	<0.0500	0.05
Copper	<0.0500	0.05
Iron	<1.00	1
Lanthanum	<0.0500	0.05
Lead	<0.0500	0.05
Lithium	<0.100	0.1
Magnesium	<0.500	0.5
Manganese	<0.0500	0.05
Molybdenum	<0.0500	0.05
Nickel	<0.0500	0.05
Palladium	<0.250	0.25
Phosphorus	<0.200	0.2
Potassium	<3.00	3
Selenium	<0.0500	0.05
Silicon	33.6	0.2
Silver	<0.0500	0.05
Sodium	<2.50	2.5
Strontium	0.256	0.05
Sulfur	<0.250	0.25
Thallium	<0.100	0.1
Thorium	<0.250	0.25
Tin	<0.0500	0.05
Titanium	<0.0500	0.05
Tungsten	<0.100	0.1
Uranium	2.01	0.02
Vanadium	<0.0500	0.05
Yttrium	<0.0500	0.05
Zinc	<0.0500	0.05
Zirconium	<0.0500	0.05

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010016

Sample ID
NPUB-1A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304228

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.5
Antimony	<0.150	0.15
Arsenic	<0.0500	0.05
Barium	<0.0500	0.05
Beryllium	<0.0500	0.05
Bismuth	<0.100	0.1
Boron	<0.250	0.25
Cadmium	<0.0500	0.05
Calcium	495	0.5
Chromium	<0.0500	0.05
Cobalt	<0.0500	0.05
Copper	<0.0500	0.05
Iron	1.01	1
Lanthanum	<0.0500	0.05
Lead	<0.0500	0.05
Lithium	<0.100	0.1
Magnesium	<0.500	0.5
Manganese	<0.0500	0.05
Molybdenum	<0.0500	0.05
Nickel	<0.0500	0.05
Palladium	<0.250	0.25
Phosphorus	<0.200	0.2
Potassium	<3.00	3
Selenium	<0.0500	0.05
Silicon	94.9	0.2
Silver	<0.0500	0.05
Sodium	174	2.5
Strontium	0.0800	0.05
Sulfur	<0.250	0.25
Thallium	<0.100	0.1
Thorium	<0.250	0.25
Tin	<0.0500	0.05
Titanium	<0.0500	0.05
Tungsten	<0.100	0.1
Uranium	7.65	0.02
Vanadium	<0.0500	0.05
Yttrium	<0.0500	0.05
Zinc	<0.0500	0.05
Zirconium	<0.0500	0.05

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010017

Sample ID
NPUB-1B

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304229

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.5
Antimony	<0.150	0.15
Arsenic	<0.0500	0.05
Barium	<0.0500	0.05
Beryllium	<0.0500	0.05
Bismuth	<0.100	0.1
Boron	<0.250	0.25
Cadmium	<0.0500	0.05
Calcium	523	0.5
Chromium	<0.0500	0.05
Cobalt	<0.0500	0.05
Copper	<0.0500	0.05
Iron	<1.00	1
Lanthanum	<0.0500	0.05
Lead	<0.0500	0.05
Lithium	<0.100	0.1
Magnesium	<0.500	0.5
Manganese	<0.0500	0.05
Molybdenum	<0.0500	0.05
Nickel	<0.0500	0.05
Palladium	<0.250	0.25
Phosphorus	<0.200	0.2
Potassium	3.20	3
Selenium	<0.0500	0.05
Silicon	100	0.2
Silver	<0.0500	0.05
Sodium	186	2.5
Strontium	0.0844	0.05
Sulfur	<0.250	0.25
Thallium	<0.100	0.1
Thorium	<0.250	0.25
Tin	<0.0500	0.05
Titanium	<0.0500	0.05
Tungsten	<0.100	0.1
Uranium	6.08	0.02
Vanadium	<0.0500	0.05
Yttrium	<0.0500	0.05
Zinc	<0.0500	0.05
Zirconium	<0.0500	0.05

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010018

Sample ID
NPUB-1C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304230

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.5
Antimony	<0.150	0.15
Arsenic	<0.0500	0.05
Barium	<0.0500	0.05
Beryllium	<0.0500	0.05
Bismuth	<0.100	0.1
Boron	<0.250	0.25
Cadmium	<0.0500	0.05
Calcium	515	0.5
Chromium	<0.0500	0.05
Cobalt	<0.0500	0.05
Copper	<0.0500	0.05
Iron	1.30	1
Lanthanum	<0.0500	0.05
Lead	<0.0500	0.05
Lithium	<0.100	0.1
Magnesium	<0.500	0.5
Manganese	<0.0500	0.05
Molybdenum	<0.0500	0.05
Nickel	<0.0500	0.05
Palladium	<0.250	0.25
Phosphorus	0.480	0.2
Potassium	14.9	3
Selenium	<0.0500	0.05
Silicon	96.7	0.2
Silver	<0.0500	0.05
Sodium	180	2.5
Strontium	0.0844	0.05
Sulfur	<0.250	0.25
Thallium	<0.100	0.1
Thorium	<0.250	0.25
Tin	<0.0500	0.05
Titanium	<0.0500	0.05
Tungsten	<0.100	0.1
Uranium	4.37	0.02
Vanadium	<0.0500	0.05
Yttrium	<0.0500	0.05
Zinc	<0.0500	0.05
Zirconium	<0.0500	0.05

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010019

Sample ID
NPUB-M1

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304231

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.5
Antimony	<0.150	0.15
Arsenic	<0.0500	0.05
Barium	<0.0500	0.05
Beryllium	<0.0500	0.05
Bismuth	<0.100	0.1
Boron	<0.250	0.25
Cadmium	<0.0500	0.05
Calcium	498	0.5
Chromium	<0.0500	0.05
Cobalt	<0.0500	0.05
Copper	<0.0500	0.05
Iron	<1.00	1
Lanthanum	<0.0500	0.05
Lead	<0.0500	0.05
Lithium	<0.100	0.1
Magnesium	<0.500	0.5
Manganese	<0.0500	0.05
Molybdenum	<0.0500	0.05
Nickel	<0.0500	0.05
Palladium	<0.250	0.25
Phosphorus	<0.200	0.2
Potassium	<3.00	3
Selenium	<0.0500	0.05
Silicon	96.0	0.2
Silver	<0.0500	0.05
Sodium	176	2.5
Strontium	0.0793	0.05
Sulfur	<0.250	0.25
Thallium	<0.100	0.1
Thorium	<0.250	0.25
Tin	<0.0500	0.05
Titanium	<0.0500	0.05
Tungsten	<0.100	0.1
Uranium	13.6	0.05
Vanadium	<0.0500	0.05
Yttrium	<0.0500	0.05
Zinc	<0.0500	0.05
Zirconium	<0.0500	0.05

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010020

Sample ID: NPUB-M2

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: 08/07/07

Lab System ID: 304232

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.5
Antimony	<0.150	0.15
Arsenic	<0.0500	0.05
Barium	<0.0500	0.05
Beryllium	<0.0500	0.05
Bismuth	<0.100	0.1
Boron	<0.250	0.25
Cadmium	<0.0500	0.05
Calcium	495	0.5
Chromium	<0.0500	0.05
Cobalt	<0.0500	0.05
Copper	<0.0500	0.05
Iron	<1.00	1
Lanthanum	<0.0500	0.05
Lead	<0.0500	0.05
Lithium	<0.100	0.1
Magnesium	<0.500	0.5
Manganese	<0.0500	0.05
Molybdenum	<0.0500	0.05
Nickel	<0.0500	0.05
Palladium	<0.250	0.25
Phosphorus	<0.200	0.2
Potassium	3.36	3
Selenium	<0.0500	0.05
Silicon	95.9	0.2
Silver	<0.0500	0.05
Sodium	176	2.5
Strontium	0.0794	0.05
Sulfur	<0.250	0.25
Thallium	<0.100	0.1
Thorium	<0.250	0.25
Tin	<0.0500	0.05
Titanium	<0.0500	0.05
Tungsten	<0.100	0.1
Uranium	14.3	0.05
Vanadium	<0.0500	0.05
Yttrium	<0.0500	0.05
Zinc	<0.0500	0.05
Zirconium	<0.0500	0.05

SOUTHWEST RESEARCH INSTITUTE

LABORATORY CONTROL SAMPLE

010021

Sample ID
Lab Control

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: NA

Lab System ID: LCSW-K12H1 / K17B1

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Sample Result (mg/L)	True Value (mg/L)	Recovery
Aluminum	19.6	20.0	98.0%
Antimony	4.89	5.00	97.8%
Arsenic	19.8	20.0	99.0%
Barium	19.9	20.0	99.5%
Beryllium	0.504	0.500	100.8%
Bismuth	NA	NA	NA
Boron	NA	NA	NA
Cadmium	0.493	0.500	98.6%
Calcium	205	200	102.5%
Chromium	1.93	2.00	96.5%
Cobalt	4.95	5.00	99.0%
Copper	2.48	2.50	99.2%
Iron	11.8	10.0	118.0%
Lanthanum	NA	NA	NA
Lead	4.88	5.00	97.6%
Lithium	38.7	40.0	96.8%
Magnesium	205	200	102.5%
Manganese	5.06	5.00	101.2%
Molybdenum	NA	NA	NA
Nickel	4.73	5.00	94.6%
Palladium	NA	NA	NA
Phosphorus	NA	NA	NA
Potassium	192	200	96.0%
Selenium	20.5	20.0	102.5%
Silicon	41.5	40.0	103.8%
Silver	0.485	0.500	97.0%
Sodium	195	200	97.5%
Strontium	NA	NA	NA
Sulfur	NA	NA	NA
Thallium	20.4	20.0	102.0%
Thorium	NA	NA	NA
Tin	NA	NA	NA
Titanium	NA	NA	NA
Tungsten	NA	NA	NA
Uranium	0.0154	0.0151	101.8%
Vanadium	5.01	5.00	100.2%
Yttrium	NA	NA	NA
Zinc	5.04	5.00	100.8%
Zirconium	NA	NA	NA

NA - Not Applicable.

SOUTHWEST RESEARCH INSTITUTE

BLANK SUMMARY 010022

Sample ID
Prep Blank

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Project No.: 14002.01.081

Matrix: Water

Date Received: NA

Lab System ID: PBW-K12H1 / K17B1

SRR #: 31073

Method: 6010B, 6020

Task Order #: 070807-9

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	<0.0500	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.250	0.250
Cadmium	<0.0500	0.0500
Calcium	<0.500	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<1.00	1.00
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.100	0.100
Magnesium	<0.500	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.250	0.250
Phosphorus	<0.200	0.200
Potassium	<3.00	3.00
Selenium	<0.0500	0.0500
Silicon	<0.200	0.200
Silver	<0.0500	0.0500
Sodium	<2.50	2.50
Strontium	<0.0500	0.0500
Sulfur	<0.250	0.250
Thallium	<0.100	0.100
Thorium	<0.250	0.250
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<0.000100	0.000100
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

NA - Not Applicable.

SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 070807-9
SRR: 31073
SDG: 304218
CASE: CNWRA
VTSR: August 7, 2007
PROJECT#: 14002.01.081

Task Orders/01-QPP-015

Southwest Research Institute

Laboratory Task Order

TO #: 070807-9 Revision: 0

SDG: 304218
VTSR: 08/07/07
CASE: CNWRA

SRR #'s: 31073
Client(s): Div. 20

Project(s): 06002.01.222
Manager(s): DAMMANN, MIKE
To PM: 08/20/07
To QA: 08/20/07
To Client: 08/20/07

Instructions

DIVISION 20 - CNWRA.
2-week TAT listed on COC.

FIFTEEN samples received overall for CATIONS ICP including Silicon and URANIUM by ICPMS analysis.

Division 20 contact is Jim Prikryl, james.prikryl@swri.org, ext. 5667.
Item is Nuclear Safety Related, 10 CFR 50, Part 21, Appendix B.

Documents Related to this task order: 33004[COC for SRR 31073]

Deliverables --> Hard Copy: -YES- EDD: no PDF: -YES-

This Task Order is NOT BILLED

Test: DIL-DILUTION
Section: METALPREP

Holding: 180 days from CED

Prep, Dilution

Cnt: 15

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
304218		1	Water	NPUA-4A	06 Aug 07	02 Feb 08
304219		1	Water	NPUA-4B	06 Aug 07	02 Feb 08
304220		1	Water	NPUA-4C	06 Aug 07	02 Feb 08
304221		1	Water	NPUA-8A	06 Aug 07	02 Feb 08
304222		1	Water	NPUA-8B	06 Aug 07	02 Feb 08
304223		1	Water	NPUA-8C	06 Aug 07	02 Feb 08
304224		1	Water	NPUA-M15	06 Aug 07	02 Feb 08
304225		1	Water	NPUA-M16	06 Aug 07	02 Feb 08
304226		1	Water	NPUA-M7	06 Aug 07	02 Feb 08
304227		1	Water	NPUA-M8	06 Aug 07	02 Feb 08
304228		1	Water	NPUB-1A	06 Aug 07	02 Feb 08
304229		1	Water	NPUB-1B	06 Aug 07	02 Feb 08
304230		1	Water	NPUB-1C	06 Aug 07	02 Feb 08
304231		1	Water	NPUB-M1	06 Aug 07	02 Feb 08
304232		1	Water	NPUB-M2	06 Aug 07	02 Feb 08

Test: ICP-6010B
Section: METALS

Holding: 180 days from CED

ICP Method 6010B Total Metals - Include Silicon

Cnt: 15

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
304218		1	Water	NPUA-4A	06 Aug 07	02 Feb 08
304219		1	Water	NPUA-4B	06 Aug 07	02 Feb 08
304220		1	Water	NPUA-4C	06 Aug 07	02 Feb 08
304221		1	Water	NPUA-8A	06 Aug 07	02 Feb 08
304222		1	Water	NPUA-8B	06 Aug 07	02 Feb 08
304223		1	Water	NPUA-8C	06 Aug 07	02 Feb 08
304224		1	Water	NPUA-M15	06 Aug 07	02 Feb 08
304225		1	Water	NPUA-M16	06 Aug 07	02 Feb 08
304226		1	Water	NPUA-M7	06 Aug 07	02 Feb 08
304227		1	Water	NPUA-M8	06 Aug 07	02 Feb 08
304228		1	Water	NPUB-1A	06 Aug 07	02 Feb 08
304229		1	Water	NPUB-1B	06 Aug 07	02 Feb 08
304230		1	Water	NPUB-1C	06 Aug 07	02 Feb 08
304231		1	Water	NPUB-M1	06 Aug 07	02 Feb 08

Southwest Research Institute

Laboratory Task Order

TO #: 070807-9 Revision: 0

SDG: 304218
VTSR: 08/07/07
CASE: CNWRA

SRR #'s: 31073
Client(s): Div. 20

Project(s): 06002.01.222
Manager(s): DAMMANN, MIKE
To PM: 08/20/07
To QA: 08/20/07
To Client: 08/20/07

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
304232		1	Water	NPUB-M2	06 Aug 07	02 Feb 08

Test: ICPMS-6020
Section: METALS

Holding: 180 days from CED

ICPMS Method 6020 Total Metals - Uranium

Cnt: 15

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
304218		1	Water	NPUA-4A	06 Aug 07	02 Feb 08
304219		1	Water	NPUA-4B	06 Aug 07	02 Feb 08
304220		1	Water	NPUA-4C	06 Aug 07	02 Feb 08
304221		1	Water	NPUA-8A	06 Aug 07	02 Feb 08
304222		1	Water	NPUA-8B	06 Aug 07	02 Feb 08
304223		1	Water	NPUA-8C	06 Aug 07	02 Feb 08
304224		1	Water	NPUA-M15	06 Aug 07	02 Feb 08
304225		1	Water	NPUA-M16	06 Aug 07	02 Feb 08
304226		1	Water	NPUA-M7	06 Aug 07	02 Feb 08
304227		1	Water	NPUA-M8	06 Aug 07	02 Feb 08
304228		1	Water	NPUB-1A	06 Aug 07	02 Feb 08
304229		1	Water	NPUB-1B	06 Aug 07	02 Feb 08
304230		1	Water	NPUB-1C	06 Aug 07	02 Feb 08
304231		1	Water	NPUB-M1	06 Aug 07	02 Feb 08
304232		1	Water	NPUB-M2	06 Aug 07	02 Feb 08

01-QPP-015
Division 01
Revision 6
June 2006

Document No._____

Chemistry and Chemical
Engineering Division

QUALITY PROJECT PLAN FOR

PERFORMANCE OF CHEMICAL ANALYSES FOR COMMERCIAL NUCLEAR POWER PLANTS WITHIN THE DEPARTMENT OF ANALYTICAL AND ENVIRONMENTAL CHEMISTRY

SOUTHWEST RESEARCH INSTITUTE
Chemistry and Chemical Engineering Division
6220 CULEBRA ROAD, SAN ANTONIO, TEXAS 78238

QUALITY PROJECT PLAN FOR PERFORMANCE OF CHEMICAL ANALYSES FOR COMMERCIAL NUCLEAR POWER PLANTS WITHIN THE DEPARTMENT OF ANALYTICAL AND ENVIONMENTAL CHEMISTRY

SwRI AUTHORIZATION SIGNATORIES

This is to certify that this Quality Project Plan of Southwest Research Institute (SwRI) has been reviewed and approved by the following personnel:

JO ANN BOYD (210) 522-2169 — **DATE** 6/28/06
Quality Assurance Manager

REZA KARIMI (210) 522-2412 — **DATE** 6/28/06
Director, Department of Analytical and Environmental Chemistry

MICHAEL G. MACNAUGHTON (210) 522-5162 — **DATE** 6/29/06
Vice President, Chemistry and Chemical Engineering Division

CHRISTOPHER HOBSON (210) 522-5838 — **DATE** 7/6/2006
Quality Assurance Engineer

TABLE OF CONTENTS

PERFORMANCE OF CHEMICAL ANALYSES FOR COMMERCIAL NUCLEAR POWER PLANTS WITHIN THE DEPARTMENT OF ANALYTICAL AND ENVIRONMENTAL CHEMISTRY

1.0 INTRODUCTION

This Quality Project Plan (QPP) defines the Quality Assurance (QA) program requirements for personnel providing the chemical analyses for commercial nuclear power plants. Southwest Research Institute (SwRI) ***Program Quality Plan (PQP-Nuclear)**, Nuclear Services* shall implement the QA requirements. Project activities controlled by the PQP-Nuclear shall be accomplished as specified by the appropriate sections of **01-QAP-004**, *Quality Assurance Plan for Analytical and Environmental Services* and/or nationally recognized testing methods as specified on individual purchase orders. This QPP shall be applied to all projects initiated for nuclear utilities in the Department of Analytical and Environmental Chemistry. If, as a result of complexity, duration, or other factors, it is determined that a unique, project-specific quality plan is required, the project QAE shall notify the Project Manager and a project-specific quality plan shall be generated in accordance with **SOP-01-4.2.1**, *Preparation and Revision of Documented Procedures.*

2.0 SCOPE

This Quality Project Plan shall be applied to the chemical analyses performed for commercial nuclear power plants by the Department of Analytical and Environmental Chemistry within the Chemistry and Chemical Engineering Division. Although the majority of the work performed for nuclear facilities resides within the Department of Analytical and Environmental Chemistry, other departments within the division may utilize this Quality Project Plan as deemed necessary when nuclear projects are conducted.

3.0 REFERENCES

3.1 *SwRI Quality System Manual – 2000*

3.2 *10 CFR 50, Appendix B, ASME NQA-1*

3.3 *SwRI Program Quality Plan (PQP-Nuclear), Nuclear Services*

3.4 01-QAP-004, *Quality Assurance Plan for Analytical and Environmental Services*

4.0 APPLICABLE SECTIONS OF SwRI PROGRAM QUALITY PLAN (PQP-NUCLEAR)

4.1 Indoctrination and Training

4.1.1 Personnel performing duties affecting quality shall receive quality training to the *SwRI Program Quality Plan (PQP-Nuclear), Nuclear Services* prior to performing any work on projects for nuclear utilities. This training will be conducted either by Institute Quality Systems (IQS) or Division 01 Quality Assurance personnel and documentation shall be evident in the personnel training files maintained in Division

01 Quality Assurance.

4.1.2 Indoctrination and training of personnel shall be conducted in accordance with **SOP-01-6.2.1**, *Qualification and Training*.

4.2 Qualification of Personnel

4.2.1 Testing personnel shall be designated as qualified to perform applicable project activities as specified in **SOP-01-6.2.1**, *Qualification and Training*.

4.2.2 During the performance of each testing process, testing personnel shall have access to the necessary documented procedures, i.e., QPP, QAP, Task Order, Division Quality System Standard Operating Procedures (SOPs), and applicable test/analytical procedures (TAPs) available for ready reference.

4.2.3 Any person who has not performed testing activities associated with any particular method being used for nuclear utilities projects for a period of one year shall be reevaluated prior to the conduct of the test.

4.2.4 Quality Assurance personnel witnessing the testing process for nuclear utilities shall have documented evidence of qualifications maintained by Institute Quality Systems or Division 01 Quality Assurance.

4.3 Design Control

Not applicable to activities conducted within the Department of Analytical and Environmental Chemistry.

4.4 Right of Access

4.4.1 Procurement documents shall provide for access to the suppliers' facilities and records for surveillance, inspection, or audit by SwRI and clients.

4.4.2 Where appropriate, quality clause **Q32** shall be noted on the procurement documents to indicate that right of access for inspection and surveillance of activities associated with the order shall be afforded to SwRI and clients.

4.5 Control of Supplier-Generated Documents

4.5.1 Client documents shall be controlled in accordance with **SOP-01-4.2.1**, *Preparation and Revision of Documented Procedures*. These procedures provide the requirements for the preparation, review, approval, issue, distribution, and revision of documents controlled by the Chemistry and Chemical Engineering Division.

4.5.2 Documents may be controlled as Plans or Work Instructions and shall be accessible through the Division Intranet link, ***Contract Requirements*** as PDF files.

4.5.3 Nationally recognized test methods shall be of the most current issue or as specified in the purchase order. Task orders shall identify the applicable test methods to be used on the nuclear project.

4.6 Acceptance of Services Only

Not applicable to activities conducted within the Department of Analytical and Environmental Chemistry.

4.7 Commercial Grade Items

4.7.1 Where an item is to be incorporated into a test or deliverable to a client, and that item is not subject to design or specification requirements that are unique to nuclear facilities, used in applications other then nuclear facilities, and procured from the supplier on the specifications set forth in the manufacturers' published product and description, the item shall be considered "commercial grade".

4.7.2 Chemical reagents and standards used for testing purposes shall be ordered to specific chemical grades and certificates of analysis shall be required with each lot.

4.7.3 Controls for procurement planning, supplier selection, supplier performance evaluation, and acceptance of procured items and services other than chemical reagents and standards shall be as identified in **SOP-01-7.4.1**, *Purchasing*, and any referenced document within that procedure.

4.7.4 Receipt inspection of chemical reagents, standards, and test items for use on nuclear safety-related projects shall be performed by department personnel and documented on the *SwRI Receipt Traveler* or **FRM-109**, *Item Receipt Report*, as specified in **SOP-01-8.2.4**, *Monitoring and Measurement*. Any discrepancy such as a damaged container or container label shall be documented on the form and the client shall be contacted for disposition.

4.7.5 Prior or acceptance of a commercial grade item, the receipt inspection shall determine the following:

(a) Damage was not sustained during shipment;

(b) The item has satisfied the specified acceptance criteria; and

(c) Specified documentation, as applicable to the item, was received and is acceptable.

4.7.6 Receipt inspection of chemical reagents and standards shall also consist of verification of chemical type, grade, container integrity, certificate of analysis, and shelf life, where applicable. Upon acceptance of chemical reagents and standards, the containers shall be labeled with the following:

(a) Chemical name;

(b) Chemical grade;

(c) Lot code;

(d) Date received; and

(e) Shelf life, when applicable.

4.7.7 Expired shelf life items shall not be used for testing purposes.

4.7.8 Lot codes of chemical reagents and standards used during equipment standardization and testing shall be recorded on the individual testing data sheets to provide traceability.

4.7.9 Samples supplied to SwRI for testing shall be received by the Sample Custodian and logged into the laboratory logbook. Sample documentation and sample custody shall be maintained in accordance with **TAP-01-0407-001**, *Sample Receipt Inspection*, and **TAP-01-0407-035**, *Organic and Inorganic Sample Security*.

4.7.10 Samples supplied to SwRI for testing shall be labeled with the following:

(a) Sample control number;

(b) Purchase order number;

(c) Purchase order line item number, as applicable;

(d) Task order number;

(e) Nuclear QA label; and

(f) Sample retention date, when applicable.

4.7.11 In the event that samples are damaged upon receipt, a ***Sample Discrepancy Record*** shall be generated from the Division Intranet.

4.7.12 The testing task order shall list the project number, tests required, test methods required, and shall be labeled *Nuclear Quality*.

4.7.13 Identification and traceability shall be maintained in accordance with **SOP-01-7.5.1**, *Item Identification and Traceability*.

4.8 Inspection

4.8.1 Inspection for acceptance shall be performed by qualified persons other than those who conduct or directly supervise the work being inspected.

4.8.2 Institute Quality System (IQS) personnel shall perform surveillance activities as required to ensure compliance with the contract and this Quality Project Plan. Specific areas in which IQS may perform surveillance activities include, but are not limited to, the following:

(a) Receiving inspection and labeling of chemical reagents, standards, and testing samples;

(b) Testing processes;

(c) Calibration and major equipment;

(d) Sample and record retention; and

(e) Test records.

4.9 Inspection and Testing

4.9.1 Required tests for acceptance shall be conducted under appropriate environmental conditions using the tools and equipment necessary to conduct the test in a manner to fulfill test requirements and acceptance criteria.

4.9.2 Tests shall be conducted, controlled, and verified in accordance with **SOP-01-8.2.4**, *Monitoring and Measurement.*

4.9.3 Controls for measuring and test equipment shall be as specified in **SOP-01-7.6.1**, *Control of Measuring and Test Equipment.*

4.9.4 Controls for identification, segregation, reporting, and resolution of nonconforming items and conditions shall be as specified in **SOP-01-8.3.1**, *Nonconformance Reporting.*

4.10 Handling, Storage, Packaging, Preservation, and Delivery

4.10.1 Controls for handling, storage, packaging, preservation, and delivery of items are identified in **SOP-01-7.5.3**, *Handling, Storage, Packaging, Protection, and Delivery of Items.*

4.10.2 Samples specified on the purchase order to be returned to the client shall be prepared and packaged as specified on the purchase order. Each package shall be marked legibly and indelibly with the purchase order/release number and line item number(s) relevant to the package.

4.11 Quality Assurance Records

4.11.1 Quality assurance records shall furnish documentary evidence that items or activities meet specified quality requirements. Documents that ensure this evidence include **TAP-01-0407-014**, *Inventory of Case File Purges*, and **SOP-01-4.2.4**, *Storage and Maintenance of Quality Records*. These documents and this QPP ensure that QA records shall be legible, identifiable, retrievable, and maintained in dual storage.

4.11.2 Records shall be traceable to associated items and activities and shall accurately reflect the work accomplished or information required.

4.11.3 Documents shall be considered valid records only if stamped, initialed or signed and dated by authorized personnel or otherwise authenticated.

4.11.4 Records of test analyses performed by the Department of Analytical and Environmental Chemistry are classified as *nonpermanent* and shall be retained for a minimum of five years. Nonpermanent records are those required to show evidence that an activity was performed in accordance with the applicable requirements, but need not be retained for the life of the item. Based on the use of the final data, the client shall be responsible for determining and implementing permanent storage requirements.

4.11.5 In order to satisfy duplicate storage requirements, one copy of the QA record shall maintained by the Project Manager in Building 70 and a separate copy shall be maintained in the Division Quality Assurance Archives in Building 201. Storage requirements shall be as stated in **SOP-01-4.2.4**, *Storage and Maintenance of Quality Records*, to ensure protection against the risk of damage or destruction.

4.12 10 CFR, Part 21

4.12.1 SwRI procurement documents shall include requirements for reporting and approving disposition of supplier nonconformances and, when required, compliance to 10 CFR, Part 21.

4.12.2 The Manager of Institute Quality Assurance or Director of Institute Quality Systems shall determine if a nonconforming condition is reportable under 10 CFR, Part 21, and initiate reporting and condition in accordance with the SwRI Operating Policies and Procedures (OPP). Safety hazards or defects that could create a substantial safety hazard shall be reported. Substantial safety hazard means a loss of safety function to the extent that there is a major reduction in the degree of protection provided to public health and safety.

4.13 Certified Test Report

The Project Manager, Division 01 QA Manager, and IQS Managemet as complying with all contractual requirements shall certify test reports. The certified test report shall reference the purchase order/release number, the test methods performed, and the purchase order/release line item number.

4.14 Valid Documents List

The Department of Analytical and Environmental Chemistry task order shall specify all applicable documents and appropriate document revision level for each document. The task order shall then serve as the Valid Documents List (VDL) for each individual project.

5.0 HISTORY OF REVISIONS

Versions 0 through 3 of this plan are maintained on record in Division 01 Quality Assurance.

Revision 4
Title of document changed from the Standard Project Quality Plan *SPQP-CH/AN* to Quality Project Plan, *QPP-015*
Extensive revision to comply with Project Quality Plan PQP-Nuclear, *Nuclear Services*, which replaces SwRI NQAPM, *Nuclear Quality Assurance Program Manual.*

Revision 5
Revised 4.1.1 to include designated Division 01 QA staff to conduct pertinent nuclear training sessions to the SwRI Program Quality Plan (PQP-Nuclear), *Nuclear Services*
Revised step 4.2.4 to include Division QA as an entity along with IQS, to maintain documented evidence of qualifications.

Revision 6
Revised 4.13 to include "Division 01 QA Manager" for the minimum approval signatures for test procedures for nuclear utility final test reports and to replace "Institute Quality Assurance" with "IQS Management"

ORGANICS

Southwest Research Institute

PERSONNEL SIGNATURE SHEET FOR PLANS

I have read, and understand the document listed below. By affixing my signature below, I am aware that I am responsible for abiding by and following the requirements identified in the plan specified below. If I become aware of any deviations from this document, I will inform my supervisor.

Doc Number, Title, and (Rev No/Year): **QPP-015, Performance of Chemical Analyses for Commercial Nuclear Power Plants within the Department of Analytical & Environmental Chemistry (Rev 6/July 06)**

Printed Name	Signature	Date	Tel Extension
Jenny Zhang		9/28/06	2759
Pamela Piccin		9/28/06	2167
Jason D. Herrera		9/28/06	2186
William L. Barclay Jr.		9/28/2006	9527

Supervisor's/Manager's Signatures

The Personnel whose signatures appear above have been trained and certified in the contents of the document identified above:

Printed Name	Signature	Date	Tel Extension

METALS / WET CHEM / QA

Southwest Research Institute

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Doc Number, Title, and (Rev No/Year): **QPP-015, Performance of Chemical Analyses for Commercial Nulcar Power Plants within the Dept of Analytical and Environmental Chemistry (Rev 6/July 06)**

Printed Name	Signature	Date	Tel Extension
Valerie DeJesus	Valerie DeJesus	07/20/06	3129
Warren A. Naegeli	Warren A. Naegeli	07/20/06	6079
Carolina Orduña	Carolina Orduña	7/20/06	3146
Darwin Harris		7-20-06	3423
Jackie Ranger	Jackie Ranger	7/20/06	3320
James Tobs	James Tobs	07/20/06	8878
Bamie Villasenor	Bamie Villasenor	7/20/06	2702
Radonna Spies	Radonna Spies	7/20/06	3242

Supervisor's/Manager's Signatures

The Personnel whose signatures appear above have been trained and certified in the contents of the document identified above:

Printed Name	Signature	Date	Tel Extension

Southwest Research Institute

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Printed Name	Signature	Date	Tel Extension
DAVID A PINEDA		7.13.2006	2776
Marissa A. Rodriguez		7/13/06	2476
Roger Presas		7/13/06	3682
Cynthia A. Sanicola		7/13/06	5896

Supervisor's/Manager's Signatures

The Personnel whose signatures appear above have been trained and certified in the contents of the document identified above:

Printed Name	Signature	Date	Tel Extension
JoAnn Boyd		07/13/06	2169

INAGS/METALS/RAS

Southwest Research Institute

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Printed Name	Signature	Date	Tel Extension
Radonna Spies	RSpies	9/26/06	3242
Bernie J. Ilasenuk		10/2/06	2702
[illegible]		10-2-06	3423
Carolina Orduña	Corduña	10/2/06	3146
Jackie Ranger	JRanger	10/2/06	3320
Terence O'Brien	Terence O'Brien	10/2/06	x3066
Daniel Ramirez	DRamirez	10/2/06	3867
Jennifer Willis	Jennifer Willis	10/2/06	3129
John Wilks	John Wilks	10-2-06	KE ~~V-01-3536~~ 5046
Jose Cardenas		10-3-06	10/3/06 ~~V-01-3079~~ 5046
Khaled Edrisi		10-3-06	5046
James Woods		10/03/06	5897
Warren A. Naegeli	Warren A. Naegeli	10/03/06	11723

JR 10/6/06

Supervisor's/Manager's Signatures

The Personnel whose signatures appear above have been trained and certified in the contents of the document identified above:

Printed Name	Signature	Date	Tel Extension
Mike Damm		10-6-06	5728

TSG

Southwest Research Institute

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Printed Name	Signature	Date	Tel Extension
ALICE YAU	Alice L Yau	07/13/06	5042
RUDY BALDERAZ	Rudy Balderaz	07/13/06	3920
Michelle Zuniga	Michelle Zuniga	7/13/06	6891
DAVID CAMANN	David Camann	7-17-06	2673
GANG SUN	Gang Sun	7/19/06	3914
Jackie Clothier	Jackie Clothier	7/19/06	5165
KEVIN SHANNON	Kevin Shannon	8/7/06	x3041

Supervisor's/Manager's Signatures

The Personnel whose signatures appear above have been trained and certified in the contents of the document identified above.

Printed Name	Signature	Date	Tel Extension
Lorraine Schelter	Lorraine Schelter	7/13/06	2182

EXTRACTION

Southwest Research Institute

PERSONNEL SIGNATURE SHEET FOR PLANS

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Printed Name	Signature	Date	Tel Extension
Tim Cusmano	Tim Cusmano	9-27-06	5335
Anna Miller	A Miller	9-27-06	5335
Susana Gonzalez	Susana Gonzalez	10-10-06	3073
Carter Copeland	Carter Copeland	10-11-06	5961
Elena Shaydullina	Elena	10-11-06	5335
Ronald Douglas		10/11/06	5335
Daryn Gray	Daryn S Gray	10-11-06	5335
Hamed Edris		10/11/06	5931

Supervisor's/Manager's Signatures

The Personnel whose signatures appear above have been trained and certified in the contents of the document identified above:

Printed Name	Signature	Date	Tel Extension

SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 070807-9
SRR: 31073
SDG: 304218
CASE: CNWRA
VTSR: August 7, 2007
PROJECT#: 14002.01.081

RAW DATA

Div 20
to#070807-9
06002.01.222

Rampt 10/18/07

304219 for Ca

42.67999 ug/ml x 10 ml / 1 ml = 427 mg/L

↓ RSpires 10/18/07

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
PBW-K12H1	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0033	-0.0033	1	0.05	-0.00033	10/12/07	14:21
PBW-K12H1	Al3082	0.500	U		mg/L	0.5				0.05	-0.0399	-0.0399	1	0.5	-0.00399	10/12/07	14:21
PBW-K12H1	As1890	0.0500	U		mg/L	0.05				0.005	-0.004	-0.004	1	0.05	-0.0004	10/12/07	14:21
PBW-K12H1	B_2496	0.250	U		mg/L	0.25				0.025	-0.1065	-0.107	1	0.25	-0.01065	10/12/07	14:21
PBW-K12H1	Ba4934	0.0500	U		mg/L	0.05				0.005	0.0011	0.0011	1	0.05	0.00011	10/12/07	14:21
PBW-K12H1	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0016	-0.0016	1	0.05	-0.00016	10/12/07	14:21
PBW-K12H1	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0282	-0.0282	1	0.1	-0.00282	10/12/07	14:21
PBW-K12H1	Ca3179	0.500	U		mg/L	0.5				0.05	0.0895	0.0895	1	0.5	0.00895	10/12/07	14:21
PBW-K12H1	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0019	-0.0019	1	0.05	-0.00019	10/12/07	14:21
PBW-K12H1	Co2286	0.0500	U		mg/L	0.05				0.005	0.0037	0.0037	1	0.05	0.00037	10/12/07	14:21
PBW-K12H1	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0052	0.0052	1	0.05	0.00052	10/12/07	14:21
PBW-K12H1	Cu3247	0.0500	U		mg/L	0.05				0.005	0.011	0.011	1	0.05	0.0011	10/12/07	14:21
PBW-K12H1	Fe2714	1.00	U		mg/L	1				0.1	0.2177	0.218	1	1	0.02177	10/12/07	14:21
PBW-K12H1	La3988	0.0500	U		mg/L	0.05				0.005	-0.0032	-0.0032	1	0.05	-0.00032	10/12/07	14:21
PBW-K12H1	Mg2790	0.500	U		mg/L	0.5				0.05	-0.0201	-0.0201	1	0.5	-0.00201	10/12/07	14:21
PBW-K12H1	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0008	0.0008	1	0.05	0.00008	10/12/07	14:21
PBW-K12H1	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0011	-0.0011	1	0.05	-0.00011	10/12/07	14:21
PBW-K12H1	Ni2316	0.0500	U		mg/L	0.05				0.005	0.002	0.002	1	0.05	0.0002	10/12/07	14:21
PBW-K12H1	P_1782	0.200	U		mg/L	0.2				0.02	-0.0004	-0.0004	1	0.2	-0.00004	10/12/07	14:21
PBW-K12H1	Pd3404	0.250	U		mg/L	0.25				0.025	0.0523	0.0523	1	0.25	0.00523	10/12/07	14:21
PBW-K12H1	S_1820	0.250	U		mg/L	0.25				0.025	0.0423	0.0423	1	0.25	0.00423	10/12/07	14:21
PBW-K12H1	Sb2068	0.150	U		mg/L	0.15				0.015	0.0139	0.0139	1	0.15	0.00139	10/12/07	14:21
PBW-K12H1	Si2881	0.200	U		mg/L	0.2				0.02	0.0475	0.0475	1	0.2	0.00475	10/12/07	14:21
PBW-K12H1	Pb220	0.0500	U		mg/L	0.05				0.005	-0.015	-0.015	1	0.05	-0.0015	10/12/07	14:21
PBW-K12H1	Se196	0.0500	U		mg/L	0.05				0.005	-0.0043	-0.0043	1	0.05	-0.00043	10/12/07	14:21
PBW-K12H1	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0038	0.0038	1	0.05	0.00038	10/12/07	14:21
PBW-K12H1	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0001	0.0001	1	0.05	0.00001	10/12/07	14:21
PBW-K12H1	Th2837	0.250	U		mg/L	0.25				0.025	0.0495	0.0495	1	0.25	0.00495	10/12/07	14:21
PBW-K12H1	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0022	0.0022	1	0.05	0.00022	10/12/07	14:21
PBW-K12H1	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0296	-0.0296	1	0.1	-0.00296	10/12/07	14:21
PBW-K12H1	V_2924	0.0500	U		mg/L	0.05				0.005	0.0036	0.0036	1	0.05	0.00036	10/12/07	14:21
PBW-K12H1	W_2079	0.100	U		mg/L	0.1				0.01	-0.002	-0.002	1	0.1	-0.0002	10/12/07	14:21
PBW-K12H1	Y_3710	0.0500	U		mg/L	0.05				0.005	0.001	0.001	1	0.05	0.0001	10/12/07	14:21
PBW-K12H1	Zn2062	0.0500	U		mg/L	0.05				0.005	0.002	0.002	1	0.05	0.0002	10/12/07	14:21
PBW-K12H1	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0042	0.0042	1	0.05	0.00042	10/12/07	14:21
LCSW-K12H1	Ag3280	0.485			mg/L	0.05		97.0%	0.5	0.005	0.4854	0.485	1	0.05	0.04854	10/12/07	14:26
LCSW-K12H1	Al3082	19.6			mg/L	0.5		98.0%	20	0.05	19.6107	19.6	1	0.5	1.96107	10/12/07	14:26
LCSW-K12H1	As1890	19.8			mg/L	0.05		99.0%	20	0.005	19.7719	19.8	1	0.05	1.97719	10/12/07	14:26

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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
LCSW-K12H1	B_2496	0.250	U		mg/L	0.25			0	0.025	-0.0906	-0.0906	1	0.25	-0.00906	10/12/07	14:26
LCSW-K12H1	Ba4934	19.9			mg/L	0.05		99.5%	20	0.005	19.9426	19.9	1	0.05	1.99426	10/12/07	14:26
LCSW-K12H1	Be3130	0.504			mg/L	0.05		100.8%	0.5	0.005	0.5036	0.504	1	0.05	0.05036	10/12/07	14:26
LCSW-K12H1	Bi2230	0.100	U		mg/L	0.1			0	0.01	0.0213	0.0213	1	0.1	0.00213	10/12/07	14:26
LCSW-K12H1	Ca3179	205			mg/L	0.5		102.5%	200	0.05	205.0004	205	1	0.5	20.50004	10/12/07	14:26
LCSW-K12H1	Cd2265	0.493			mg/L	0.05		98.6%	0.5	0.005	0.4928	0.493	1	0.05	0.04928	10/12/07	14:26
LCSW-K12H1	Co2286	4.95			mg/L	0.05		99.0%	5	0.005	4.9544	4.95	1	0.05	0.49544	10/12/07	14:26
LCSW-K12H1	Cr2677	1.93			mg/L	0.05		96.5%	2	0.005	1.9267	1.93	1	0.05	0.19267	10/12/07	14:26
LCSW-K12H1	Cu3247	2.48			mg/L	0.05		99.2%	2.5	0.005	2.4839	2.48	1	0.05	0.24839	10/12/07	14:26
LCSW-K12H1	Fe2714	11.8			mg/L	1		118.0%	10	0.1	11.7756	11.8	1	1	1.17756	10/12/07	14:26
LCSW-K12H1	La3988	0.0500	U		mg/L	0.05			0	0.005	0.0018	0.0018	1	0.05	0.00018	10/12/07	14:26
LCSW-K12H1	Mg2790	205			mg/L	0.5		102.5%	200	0.05	205.2455	205	1	0.5	20.52455	10/12/07	14:26
LCSW-K12H1	Mn2576	5.06			mg/L	0.05		101.2%	5	0.005	5.0594	5.06	1	0.05	0.50594	10/12/07	14:26
LCSW-K12H1	Mo2020	0.0500	U		mg/L	0.05			0	0.005	-0.0085	-0.0085	1	0.05	-0.00085	10/12/07	14:26
LCSW-K12H1	Ni2316	4.73			mg/L	0.05		94.6%	5	0.005	4.7283	4.73	1	0.05	0.47283	10/12/07	14:26
LCSW-K12H1	P_1782	0.200	U		mg/L	0.2			0	0.02	-0.0463	-0.0463	1	0.2	-0.00463	10/12/07	14:26
LCSW-K12H1	Pd3404	0.250	U		mg/L	0.25			0	0.025	0.0554	0.0554	1	0.25	0.00554	10/12/07	14:26
LCSW-K12H1	S_1820	0.250	U		mg/L	0.25			0	0.025	-0.0732	-0.0732	1	0.25	-0.00732	10/12/07	14:26
LCSW-K12H1	Sb2068	4.89			mg/L	0.15		97.8%	5	0.015	4.8939	4.89	1	0.15	0.48939	10/12/07	14:26
LCSW-K12H1	Si2881	41.5			mg/L	0.2		103.8%	40	0.02	41.506	41.5	1	0.2	4.1506	10/12/07	14:26
LCSW-K12H1	Pb220	4.88			mg/L	0.05		97.6%	5	0.005	4.881	4.88	1	0.05	0.4881	10/12/07	14:26
LCSW-K12H1	Se196	20.5			mg/L	0.05		102.5%	20	0.005	20.5369	20.5	1	0.05	2.05369	10/12/07	14:26
LCSW-K12H1	Sn1899	0.0500	U		mg/L	0.05			0	0.005	0.0224	0.0224	1	0.05	0.00224	10/12/07	14:26
LCSW-K12H1	Sr4215	0.0500	U		mg/L	0.05			0	0.005	0.0039	0.0039	1	0.05	0.00039	10/12/07	14:26
LCSW-K12H1	Th2837	0.250	U		mg/L	0.25			0	0.025	-0.204	-0.204	1	0.25	-0.0204	10/12/07	14:26
LCSW-K12H1	Ti3349	0.0500	U		mg/L	0.05			0	0.005	0.0033	0.0033	1	0.05	0.00033	10/12/07	14:26
LCSW-K12H1	Tl1908	20.4			mg/L	0.1		102.0%	20	0.01	20.447	20.4	1	0.1	2.0447	10/12/07	14:26
LCSW-K12H1	V_2924	5.01			mg/L	0.05		100.2%	5	0.005	5.0097	5.01	1	0.05	0.50097	10/12/07	14:26
LCSW-K12H1	W_2079	0.100	U		mg/L	0.1			0	0.01	0.0028	0.0028	1	0.1	0.00028	10/12/07	14:26
LCSW-K12H1	Y_3710	0.0500	U		mg/L	0.05			0	0.005	-0.0022	-0.0022	1	0.05	-0.00022	10/12/07	14:26
LCSW-K12H1	Zn2062	5.04			mg/L	0.05		100.8%	5	0.005	5.0404	5.04	1	0.05	0.50404	10/12/07	14:26
LCSW-K12H1	Zr3496	0.0500	U		mg/L	0.05			0	0.005	0.0183	0.0183	1	0.05	0.00183	10/12/07	14:26
304218	Ag3280	0.0500	U		mg/L	0.05				0.005	0.0062	0.0062	1	0.05	0.00062	10/12/07	14:31
304218	Al3082	0.500	U		mg/L	0.5				0.05	-0.1355	-0.136	1	0.5	-0.01355	10/12/07	14:31
304218	As1890	0.0500	U		mg/L	0.05				0.005	-0.0248	-0.0248	1	0.05	-0.00248	10/12/07	14:31
304218	B_2496	0.250	U		mg/L	0.25				0.025	-0.091	-0.091	1	0.25	-0.0091	10/12/07	14:31
304218	Ba4934	0.0500	U		mg/L	0.05				0.005	0.0295	0.0295	1	0.05	0.00295	10/12/07	14:31
304218	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0015	-0.0015	1	0.05	-0.00015	10/12/07	14:31

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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
304218	Bi2230	0.100	U		mg/L	0.1				0.01	0.0036	0.0036	1	0.1	0.00036	10/12/07	14:31
304218	Ca3179	422			mg/L	0.5				0.05	421.8782	422	1	0.5	42.18782	10/12/07	14:31
304218	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.002	-0.002	1	0.05	-0.0002	10/12/07	14:31
304218	Co2286	0.0500	U		mg/L	0.05				0.005	0.0064	0.0064	1	0.05	0.00064	10/12/07	14:31
304218	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0108	0.0108	1	0.05	0.00108	10/12/07	14:31
304218	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0141	0.0141	1	0.05	0.00141	10/12/07	14:31
304218	Fe2714	1.00	U		mg/L	1				0.1	0.3683	0.368	1	1	0.03683	10/12/07	14:31
304218	La3988	0.0500	U		mg/L	0.05				0.005	0.0055	0.0055	1	0.05	0.00055	10/12/07	14:31
304218	Mg2790	0.500	U		mg/L	0.5				0.05	0.1368	0.137	1	0.5	0.01368	10/12/07	14:31
304218	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0026	0.0026	1	0.05	0.00026	10/12/07	14:31
304218	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0018	-0.0018	1	0.05	-0.00018	10/12/07	14:31
304218	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0086	0.0086	1	0.05	0.00086	10/12/07	14:31
304218	P_1782	0.200	U		mg/L	0.2				0.02	-0.0549	-0.0549	1	0.2	-0.00549	10/12/07	14:31
304218	Pd3404	0.250	U		mg/L	0.25				0.025	0.0909	0.0909	1	0.25	0.00909	10/12/07	14:31
304218	S_1820	0.250	U		mg/L	0.25				0.025	0.1881	0.188	1	0.25	0.01881	10/12/07	14:31
304218	Sb2068	0.150	U		mg/L	0.15				0.015	0.0154	0.0154	1	0.15	0.00154	10/12/07	14:31
304218	Si2881	33.5			mg/L	0.2				0.02	33.458	33.5	1	0.2	3.3458	10/12/07	14:31
304218	Pb220	0.0500	U		mg/L	0.05				0.005	0.0011	0.0011	1	0.05	0.00011	10/12/07	14:31
304218	Se196	0.0500	U		mg/L	0.05				0.005	0.0063	0.0063	1	0.05	0.00063	10/12/07	14:31
304218	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0396	0.0396	1	0.05	0.00396	10/12/07	14:31
304218	Sr4215	0.256			mg/L	0.05				0.005	0.2563	0.256	1	0.05	0.02563	10/12/07	14:31
304218	Th2837	0.250	U		mg/L	0.25				0.025	0.0416	0.0416	1	0.25	0.00416	10/12/07	14:31
304218	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0036	0.0036	1	0.05	0.00036	10/12/07	14:31
304218	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0022	-0.0022	1	0.1	-0.00022	10/12/07	14:31
304218	V_2924	0.0500	U		mg/L	0.05				0.005	0.012	0.012	1	0.05	0.0012	10/12/07	14:31
304218	W_2079	0.100	U		mg/L	0.1				0.01	0.0106	0.0106	1	0.1	0.00106	10/12/07	14:31
304218	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0029	-0.0029	1	0.05	-0.00029	10/12/07	14:31
304218	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0151	0.0151	1	0.05	0.00151	10/12/07	14:31
304218	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0048	0.0048	1	0.05	0.00048	10/12/07	14:31
304219	Ag3280	0.0500	U		mg/L	0.05				0.005	0.008	0.008	1	0.05	0.0008	10/12/07	14:36
304219	Al3082	0.500	U		mg/L	0.5				0.05	-0.112	-0.112	1	0.5	-0.0112	10/12/07	14:36
304219	As1890	0.0500	U		mg/L	0.05				0.005	-0.0342	-0.0342	1	0.05	-0.00342	10/12/07	14:36
304219	B_2496	0.250	U		mg/L	0.25				0.025	-0.1101	-0.11	1	0.25	-0.01101	10/12/07	14:36
304219	Ba4934	0.109			mg/L	0.05				0.005	0.1092	0.109	1	0.05	0.01092	10/12/07	14:36
304219	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0015	-0.0015	1	0.05	-0.00015	10/12/07	14:36
304219	Bi2230	0.100	U		mg/L	0.1				0.01	0.0481	0.0481	1	0.1	0.00481	10/12/07	14:36
304219	Ca3179	427			mg/L	0.5				0.05	426.7999	427	1	0.5	42.67999	10/12/07	14:36
304219	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0033	0.0033	1	0.05	0.00033	10/12/07	14:36

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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
304219	Co2286	0.0500	U		mg/L	0.05				0.005	0.0069	0.0069	1	0.05	0.00069	10/12/07	14:36
304219	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0088	0.0088	1	0.05	0.00088	10/12/07	14:36
304219	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0097	0.0097	1	0.05	0.00097	10/12/07	14:36
304219	Fe2714	1.00	U		mg/L	1				0.1	0.5007	0.501	1	1	0.05007	10/12/07	14:36
304219	La3988	0.0500	U		mg/L	0.05				0.005	0.0087	0.0087	1	0.05	0.00087	10/12/07	14:36
304219	Mg2790	0.500	U		mg/L	0.5				0.05	0.1373	0.137	1	0.5	0.01373	10/12/07	14:36
304219	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0031	0.0031	1	0.05	0.00031	10/12/07	14:36
304219	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0068	-0.0068	1	0.05	-0.00068	10/12/07	14:36
304219	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0004	-0.0004	1	0.05	-0.00004	10/12/07	14:36
304219	P_1782	0.200	U		mg/L	0.2				0.02	0.0656	0.0656	1	0.2	0.00656	10/12/07	14:36
304219	Pd3404	0.250	U		mg/L	0.25				0.025	0.1206	0.121	1	0.25	0.01206	10/12/07	14:36
304219	S_1820	0.250	U		mg/L	0.25				0.025	-0.0702	-0.0702	1	0.25	-0.00702	10/12/07	14:36
304219	Sb2068	0.150	U		mg/L	0.15				0.015	0.0175	0.0175	1	0.15	0.00175	10/12/07	14:36
304219	Si2881	34.1			mg/L	0.2				0.02	34.1058	34.1	1	0.2	3.41058	10/12/07	14:36
304219	Pb220	0.0500	U		mg/L	0.05				0.005	0.0089	0.0089	1	0.05	0.00089	10/12/07	14:36
304219	Se196	0.0500	U		mg/L	0.05				0.005	0.0304	0.0304	1	0.05	0.00304	10/12/07	14:36
304219	Sn1899	0.0500	U		mg/L	0.05				0.005	0.032	0.032	1	0.05	0.0032	10/12/07	14:36
304219	Sr4215	0.261			mg/L	0.05				0.005	0.2607	0.261	1	0.05	0.02607	10/12/07	14:36
304219	Th2837	0.250	U		mg/L	0.25				0.025	-0.0097	-0.0097	1	0.25	-0.00097	10/12/07	14:36
304219	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0015	0.0015	1	0.05	0.00015	10/12/07	14:36
304219	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0165	-0.0165	1	0.1	-0.00165	10/12/07	14:36
304219	V_2924	0.0500	U		mg/L	0.05				0.005	0.0063	0.0063	1	0.05	0.00063	10/12/07	14:36
304219	W_2079	0.100	U		mg/L	0.1				0.01	-0.0071	-0.0071	1	0.1	-0.00071	10/12/07	14:36
304219	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0042	-0.0042	1	0.05	-0.00042	10/12/07	14:36
304219	Zn2062	0.0500	U		mg/L	0.05				0.005	0.022	0.022	1	0.05	0.0022	10/12/07	14:36
304219	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0034	0.0034	1	0.05	0.00034	10/12/07	14:36
304220	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0109	-0.0109	1	0.05	-0.00109	10/12/07	14:40
304220	Al3082	0.500	U		mg/L	0.5				0.05	-0.2488	-0.249	1	0.5	-0.02488	10/12/07	14:40
304220	As1890	0.0500	U		mg/L	0.05				0.005	0.0044	0.0044	1	0.05	0.00044	10/12/07	14:40
304220	B_2496	0.250	U		mg/L	0.25				0.025	-0.1333	-0.133	1	0.25	-0.01333	10/12/07	14:40
304220	Ba4934	0.158			mg/L	0.05				0.005	0.1576	0.158	1	0.05	0.01576	10/12/07	14:40
304220	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0024	-0.0024	1	0.05	-0.00024	10/12/07	14:40
304220	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0479	-0.0479	1	0.1	-0.00479	10/12/07	14:40
304220	Ca3179	432			mg/L	0.5				0.05	431.869	432	1	0.5	43.1869	10/12/07	14:40
304220	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.004	-0.004	1	0.05	-0.0004	10/12/07	14:40
304220	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0025	-0.0025	1	0.05	-0.00025	10/12/07	14:40
304220	Cr2677	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	10/12/07	14:40
304220	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0013	0.0013	1	0.05	0.00013	10/12/07	14:40

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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
304220	Fe2714	1.00	U		mg/L	1				0.1	-0.1307	-0.131	1	1	-0.01307	10/12/07	14:40
304220	La3988	0.0500	U		mg/L	0.05				0.005	-0.0142	-0.0142	1	0.05	-0.00142	10/12/07	14:40
304220	Mg2790	0.500	U		mg/L	0.5				0.05	-0.0544	-0.0544	1	0.5	-0.00544	10/12/07	14:40
304220	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0031	0.0031	1	0.05	0.00031	10/12/07	14:40
304220	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0083	-0.0083	1	0.05	-0.00083	10/12/07	14:40
304220	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.009	-0.009	1	0.05	-0.0009	10/12/07	14:40
304220	P_1782	0.200	U		mg/L	0.2				0.02	-0.0353	-0.0353	1	0.2	-0.00353	10/12/07	14:40
304220	Pd3404	0.250	U		mg/L	0.25				0.025	-0.0287	-0.0287	1	0.25	-0.00287	10/12/07	14:40
304220	S_1820	0.250	U		mg/L	0.25				0.025	0.0278	0.0278	1	0.25	0.00278	10/12/07	14:40
304220	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0214	-0.0214	1	0.15	-0.00214	10/12/07	14:40
304220	Si2881	34.6			mg/L	0.2				0.02	34.5799	34.6	1	0.2	3.45799	10/12/07	14:40
304220	Pb220	0.0500	U		mg/L	0.05				0.005	-0.002	-0.002	1	0.05	-0.0002	10/12/07	14:40
304220	Se196	0.0500	U		mg/L	0.05				0.005	-0.0112	-0.0112	1	0.05	-0.00112	10/12/07	14:40
304220	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0151	0.0151	1	0.05	0.00151	10/12/07	14:40
304220	Sr4215	0.267			mg/L	0.05				0.005	0.2674	0.267	1	0.05	0.02674	10/12/07	14:40
304220	Th2837	0.250	U		mg/L	0.25				0.025	0.0402	0.0402	1	0.25	0.00402	10/12/07	14:40
304220	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0009	0.0009	1	0.05	0.00009	10/12/07	14:40
304220	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0118	-0.0118	1	0.1	-0.00118	10/12/07	14:40
304220	V_2924	0.0500	U		mg/L	0.05				0.005	0.003	0.003	1	0.05	0.0003	10/12/07	14:40
304220	W_2079	0.100	U		mg/L	0.1				0.01	0.0026	0.0026	1	0.1	0.00026	10/12/07	14:40
304220	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0048	-0.0048	1	0.05	-0.00048	10/12/07	14:40
304220	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0014	0.0014	1	0.05	0.00014	10/12/07	14:40
304220	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0129	-0.0129	1	0.05	-0.00129	10/12/07	14:40
304220D	Ag3280	0.0500	U		mg/L	0.05	0.0%			0.005	0.0328	0.0328	1	0.05	0.00328	10/12/07	14:45
304220D	Al3082	0.500	U		mg/L	0.5	0.0%			0.05	0.0396	0.0396	1	0.5	0.00396	10/12/07	14:45
304220D	As1890	0.0500	U		mg/L	0.05	0.0%			0.005	0.0177	0.0177	1	0.05	0.00177	10/12/07	14:45
304220D	B_2496	0.250	U		mg/L	0.25	0.0%			0.025	-0.0952	-0.0952	1	0.25	-0.00952	10/12/07	14:45
304220D	Ba4934	0.157			mg/L	0.05	0.6%			0.005	0.1571	0.157	1	0.05	0.01571	10/12/07	14:45
304220D	Be3130	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0006	-0.0006	1	0.05	-0.00006	10/12/07	14:45
304220D	Bi2230	0.100	U		mg/L	0.1	0.0%			0.01	0.0758	0.0758	1	0.1	0.00758	10/12/07	14:45
304220D	Ca3179	436			mg/L	0.5	0.9%			0.05	436.3511	436	1	0.5	43.63511	10/12/07	14:45
304220D	Cd2265	0.0500	U		mg/L	0.05	0.0%			0.005	0.005	0.005	1	0.05	0.0005	10/12/07	14:45
304220D	Co2286	0.0500	U		mg/L	0.05	0.0%			0.005	0.0288	0.0288	1	0.05	0.00288	10/12/07	14:45
304220D	Cr2677	0.0500	U		mg/L	0.05	0.0%			0.005	0.018	0.018	1	0.05	0.0018	10/12/07	14:45
304220D	Cu3247	0.0500	U		mg/L	0.05	0.0%			0.005	0.0165	0.0165	1	0.05	0.00165	10/12/07	14:45
304220D	Fe2714	1.03		*	mg/L	1	200.0%			0.1	1.0272	1.03	1	1	0.10272	10/12/07	14:45
304220D	La3988	0.0500	U		mg/L	0.05	0.0%			0.005	0.0372	0.0372	1	0.05	0.00372	10/12/07	14:45
304220D	Mg2790	0.500	U		mg/L	0.5	0.0%			0.05	0.327	0.327	1	0.5	0.0327	10/12/07	14:45

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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
304220D	Mn2576	0.0500	U		mg/L	0.05	0.0%			0.005	0.0042	0.0042	1	0.05	0.00042	10/12/07	14:45
304220D	Mo2020	0.0500	U		mg/L	0.05	0.0%			0.005	0.0031	0.0031	1	0.05	0.00031	10/12/07	14:45
304220D	Ni2316	0.0500	U		mg/L	0.05	0.0%			0.005	0.0071	0.0071	1	0.05	0.00071	10/12/07	14:45
304220D	P_1782	0.200	U		mg/L	0.2	0.0%			0.02	0.0306	0.0306	1	0.2	0.00306	10/12/07	14:45
304220D	Pd3404	0.250	U		mg/L	0.25	0.0%			0.025	0.2432	0.243	1	0.25	0.02432	10/12/07	14:45
304220D	S_1820	0.250	U		mg/L	0.25	0.0%			0.025	0.0888	0.0888	1	0.25	0.00888	10/12/07	14:45
304220D	Sb2068	0.150	U		mg/L	0.15	0.0%			0.015	0.1004	0.1	1	0.15	0.01004	10/12/07	14:45
304220D	Si2881	34.6			mg/L	0.2	0.0%			0.02	34.6197	34.6	1	0.2	3.46197	10/12/07	14:45
304220D	Pb220	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0108	-0.0108	1	0.05	-0.00108	10/12/07	14:45
304220D	Se196	0.0500	U		mg/L	0.05	0.0%			0.005	0.004	0.004	1	0.05	0.0004	10/12/07	14:45
304220D	Sn1899	0.0500	U		mg/L	0.05	0.0%			0.005	0.0435	0.0435	1	0.05	0.00435	10/12/07	14:45
304220D	Sr4215	0.266			mg/L	0.05	0.4%			0.005	0.2664	0.266	1	0.05	0.02664	10/12/07	14:45
304220D	Th2837	0.250	U		mg/L	0.25	0.0%			0.025	0.0128	0.0128	1	0.25	0.00128	10/12/07	14:45
304220D	Ti3349	0.0500	U		mg/L	0.05	0.0%			0.005	0.0049	0.0049	1	0.05	0.00049	10/12/07	14:45
304220D	Tl1908	0.100	U		mg/L	0.1	0.0%			0.01	-0.0326	-0.0326	1	0.1	-0.00326	10/12/07	14:45
304220D	V_2924	0.0500	U		mg/L	0.05	0.0%			0.005	0.0177	0.0177	1	0.05	0.00177	10/12/07	14:45
304220D	W_2079	0.100	U		mg/L	0.1	0.0%			0.01	0.0552	0.0552	1	0.1	0.00552	10/12/07	14:45
304220D	Y_3710	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0023	-0.0023	1	0.05	-0.00023	10/12/07	14:45
304220D	Zn2062	0.0500	U		mg/L	0.05	0.0%			0.005	0.0123	0.0123	1	0.05	0.00123	10/12/07	14:45
304220D	Zr3496	0.0500	U		mg/L	0.05	0.0%			0.005	0.0172	0.0172	1	0.05	0.00172	10/12/07	14:45
304221	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.006	-0.006	1	0.05	-0.0006	10/12/07	14:50
304221	Al3082	0.500	U		mg/L	0.5				0.05	-0.0378	-0.0378	1	0.5	-0.00378	10/12/07	14:50
304221	As1890	0.0500	U		mg/L	0.05				0.005	-0.0095	-0.0095	1	0.05	-0.00095	10/12/07	14:50
304221	B_2496	0.250	U		mg/L	0.25				0.025	-0.15	-0.15	1	0.25	-0.015	10/12/07	14:50
304221	Ba4934	0.0500	U		mg/L	0.05				0.005	0.0239	0.0239	1	0.05	0.00239	10/12/07	14:50
304221	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0018	-0.0018	1	0.05	-0.00018	10/12/07	14:50
304221	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0404	-0.0404	1	0.1	-0.00404	10/12/07	14:50
304221	Ca3179	418			mg/L	0.5				0.05	417.6657	418	1	0.5	41.76657	10/12/07	14:50
304221	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0014	-0.0014	1	0.05	-0.00014	10/12/07	14:50
304221	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0048	-0.0048	1	0.05	-0.00048	10/12/07	14:50
304221	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0002	0.0002	1	0.05	0.00002	10/12/07	14:50
304221	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0081	0.0081	1	0.05	0.00081	10/12/07	14:50
304221	Fe2714	1.00	U		mg/L	1				0.1	-0.2154	-0.215	1	1	-0.02154	10/12/07	14:50
304221	La3988	0.0500	U		mg/L	0.05				0.005	-0.0093	-0.0093	1	0.05	-0.00093	10/12/07	14:50
304221	Mg2790	0.500	U		mg/L	0.5				0.05	-0.0039	-0.0039	1	0.5	-0.00039	10/12/07	14:50
304221	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0019	0.0019	1	0.05	0.00019	10/12/07	14:50
304221	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0067	-0.0067	1	0.05	-0.00067	10/12/07	14:50
304221	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0104	-0.0104	1	0.05	-0.00104	10/12/07	14:50

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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
304221	P_1782	0.200	U		mg/L	0.2				0.02	-0.0042	-0.0042	1	0.2	-0.00042	10/12/07	14:50
304221	Pd3404	0.250	U		mg/L	0.25				0.025	-0.0249	-0.0249	1	0.25	-0.00249	10/12/07	14:50
304221	S_1820	0.250	U		mg/L	0.25				0.025	-0.0049	-0.0049	1	0.25	-0.00049	10/12/07	14:50
304221	Sb2068	0.150	U		mg/L	0.15				0.015	-0.01	-0.01	1	0.15	-0.001	10/12/07	14:50
304221	Si2881	33.2			mg/L	0.2				0.02	33.2431	33.2	1	0.2	3.32431	10/12/07	14:50
304221	Pb220	0.0500	U		mg/L	0.05				0.005	0.0024	0.0024	1	0.05	0.00024	10/12/07	14:50
304221	Se196	0.0500	U		mg/L	0.05				0.005	0.0003	0.0003	1	0.05	0.00003	10/12/07	14:50
304221	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0054	-0.0054	1	0.05	-0.00054	10/12/07	14:50
304221	Sr4215	0.270			mg/L	0.05				0.005	0.2702	0.27	1	0.05	0.02702	10/12/07	14:50
304221	Th2837	0.250	U		mg/L	0.25				0.025	0.0077	0.0077	1	0.25	0.00077	10/12/07	14:50
304221	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0007	0.0007	1	0.05	0.00007	10/12/07	14:50
304221	Tl1908	0.100	U		mg/L	0.1				0.01	-0.035	-0.035	1	0.1	-0.0035	10/12/07	14:50
304221	V_2924	0.0500	U		mg/L	0.05				0.005	0.0005	0.0005	1	0.05	0.00005	10/12/07	14:50
304221	W_2079	0.100	U		mg/L	0.1				0.01	-0.0056	-0.0056	1	0.1	-0.00056	10/12/07	14:50
304221	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0055	-0.0055	1	0.05	-0.00055	10/12/07	14:50
304221	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0055	0.0055	1	0.05	0.00055	10/12/07	14:50
304221	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0065	-0.0065	1	0.05	-0.00065	10/12/07	14:50
304221S	Ag3280	0.499			mg/L	0.05		99.8%	0.5	0.005	0.4993	0.499	1	0.05	0.04993	10/12/07	14:55
304221S	Al3082	19.6			mg/L	0.5		98.0%	20	0.05	19.5933	19.6	1	0.5	1.95933	10/12/07	14:55
304221S	As1890	20.0			mg/L	0.05		100.0%	20	0.005	20.0182	20	1	0.05	2.00182	10/12/07	14:55
304221S	B_2496	0.250	U	#DIV/0!	mg/L	0.25		#DIV/0!	0	0.025	-0.095	-0.095	1	0.25	-0.0095	10/12/07	14:55
304221S	Ba4934	19.8			mg/L	0.05		99.0%	20	0.005	19.8369	19.8	1	0.05	1.98369	10/12/07	14:55
304221S	Be3130	0.511			mg/L	0.05		102.2%	0.5	0.005	0.5113	0.511	1	0.05	0.05113	10/12/07	14:55
304221S	Bi2230	0.100	U	#DIV/0!	mg/L	0.1		#DIV/0!	0	0.01	0.0396	0.0396	1	0.1	0.00396	10/12/07	14:55
304221S	Ca3179	628			mg/L	0.5		105.0%	200	0.05	628.0006	628	1	0.5	62.80006	10/12/07	14:55
304221S	Cd2265	0.496			mg/L	0.05		99.2%	0.5	0.005	0.4964	0.496	1	0.05	0.04964	10/12/07	14:55
304221S	Co2286	4.99			mg/L	0.05		99.8%	5	0.005	4.9858	4.99	1	0.05	0.49858	10/12/07	14:55
304221S	Cr2677	1.95			mg/L	0.05		97.5%	2	0.005	1.9469	1.95	1	0.05	0.19469	10/12/07	14:55
304221S	Cu3247	2.50			mg/L	0.05		100.0%	2.5	0.005	2.5015	2.5	1	0.05	0.25015	10/12/07	14:55
304221S	Fe2714	12.2			mg/L	1		122.0%	10	0.1	12.1786	12.2	1	1	1.21786	10/12/07	14:55
304221S	La3988	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	0.0077	0.0077	1	0.05	0.00077	10/12/07	14:55
304221S	Mg2790	205			mg/L	0.5		102.5%	200	0.05	205.1696	205	1	0.5	20.51696	10/12/07	14:55
304221S	Mn2576	5.10			mg/L	0.05		102.0%	5	0.005	5.0986	5.1	1	0.05	0.50986	10/12/07	14:55
304221S	Mo2020	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.0013	-0.0013	1	0.05	-0.00013	10/12/07	14:55
304221S	Ni2316	4.74			mg/L	0.05		94.8%	5	0.005	4.7434	4.74	1	0.05	0.47434	10/12/07	14:55
304221S	P_1782	0.200	U	#DIV/0!	mg/L	0.2		#DIV/0!	0	0.02	-0.0211	-0.0211	1	0.2	-0.00211	10/12/07	14:55
304221S	Pd3404	0.250	U	#DIV/0!	mg/L	0.25		#DIV/0!	0	0.025	0.1427	0.143	1	0.25	0.01427	10/12/07	14:55
304221S	S_1820	0.250	U	#DIV/0!	mg/L	0.25		#DIV/0!	0	0.025	0.2199	0.22	1	0.25	0.02199	10/12/07	14:55

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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
304221S	Sb2068	4.94			mg/L	0.15		98.8%	5	0.015	4.9394	4.94	1	0.15	0.49394	10/12/07	14:55
304221S	Si2881	75.2			mg/L	0.2		105.0%	40	0.02	75.2443	75.2	1	0.2	7.52443	10/12/07	14:55
304221S	Pb220	4.93			mg/L	0.05		98.6%	5	0.005	4.9307	4.93	1	0.05	0.49307	10/12/07	14:55
304221S	Se196	20.7			mg/L	0.05		103.5%	20	0.005	20.6674	20.7	1	0.05	2.06674	10/12/07	14:55
304221S	Sn1899	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	0.0142	0.0142	1	0.05	0.00142	10/12/07	14:55
304221S	Sr4215	0.269		#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	0.2687	0.269	1	0.05	0.02687	10/12/07	14:55
304221S	Th2837	0.250	U	#DIV/0!	mg/L	0.25		#DIV/0!	0	0.025	-0.1999	-0.2	1	0.25	-0.01999	10/12/07	14:55
304221S	Ti3349	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	0.0049	0.0049	1	0.05	0.00049	10/12/07	14:55
304221S	Tl1908	20.6			mg/L	0.1		103.0%	20	0.01	20.5723	20.6	1	0.1	2.05723	10/12/07	14:55
304221S	V_2924	5.06			mg/L	0.05		101.2%	5	0.005	5.0563	5.06	1	0.05	0.50563	10/12/07	14:55
304221S	W_2079	0.100	U	#DIV/0!	mg/L	0.1		#DIV/0!	0	0.01	0.0072	0.0072	1	0.1	0.00072	10/12/07	14:55
304221S	Y_3710	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.0035	-0.0035	1	0.05	-0.00035	10/12/07	14:55
304221S	Zn2062	5.12			mg/L	0.05		102.4%	5	0.005	5.1158	5.12	1	0.05	0.51158	10/12/07	14:55
304221S	Zr3496	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	0.0226	0.0226	1	0.05	0.00226	10/12/07	14:55
304222	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0018	-0.0018	1	0.05	-0.00018	10/12/07	15:00
304222	Al3082	0.500	U		mg/L	0.5				0.05	-0.2278	-0.228	1	0.5	-0.02278	10/12/07	15:00
304222	As1890	0.0500	U		mg/L	0.05				0.005	0.0222	0.0222	1	0.05	0.00222	10/12/07	15:00
304222	B_2496	0.250	U		mg/L	0.25				0.025	-0.1327	-0.133	1	0.25	-0.01327	10/12/07	15:00
304222	Ba4934	0.0941			mg/L	0.05				0.005	0.0941	0.0941	1	0.05	0.00941	10/12/07	15:00
304222	Be3130	0.0500	U		mg/L	0.05				0.005	-0.002	-0.002	1	0.05	-0.0002	10/12/07	15:00
304222	Bi2230	0.100	U		mg/L	0.1				0.01	-0.03	-0.03	1	0.1	-0.003	10/12/07	15:00
304222	Ca3179	425			mg/L	0.5				0.05	424.9864	425	1	0.5	42.49864	10/12/07	15:00
304222	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0033	-0.0033	1	0.05	-0.00033	10/12/07	15:00
304222	Co2286	0.0500	U		mg/L	0.05				0.005	0.0104	0.0104	1	0.05	0.00104	10/12/07	15:00
304222	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0075	0.0075	1	0.05	0.00075	10/12/07	15:00
304222	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0098	0.0098	1	0.05	0.00098	10/12/07	15:00
304222	Fe2714	1.00	U		mg/L	1				0.1	0.2281	0.228	1	1	0.02281	10/12/07	15:00
304222	La3988	0.0500	U		mg/L	0.05				0.005	-0.0007	-0.0007	1	0.05	-0.00007	10/12/07	15:00
304222	Mg2790	0.500	U		mg/L	0.5				0.05	0.0894	0.0894	1	0.5	0.00894	10/12/07	15:00
304222	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0033	0.0033	1	0.05	0.00033	10/12/07	15:00
304222	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0014	-0.0014	1	0.05	-0.00014	10/12/07	15:00
304222	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0055	0.0055	1	0.05	0.00055	10/12/07	15:00
304222	P_1782	0.200	U		mg/L	0.2				0.02	0.0322	0.0322	1	0.2	0.00322	10/12/07	15:00
304222	Pd3404	0.250	U		mg/L	0.25				0.025	0.0464	0.0464	1	0.25	0.00464	10/12/07	15:00
304222	S_1820	0.250	U		mg/L	0.25				0.025	0.0081	0.0081	1	0.25	0.00081	10/12/07	15:00
304222	Sb2068	0.150	U		mg/L	0.15				0.015	0	0	1	0.15	0	10/12/07	15:00
304222	Si2881	33.5			mg/L	0.2				0.02	33.4745	33.5	1	0.2	3.34745	10/12/07	15:00
304222	Pb220	0.0500	U		mg/L	0.05				0.005	0.0019	0.0019	1	0.05	0.00019	10/12/07	15:00

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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
304222	Se196	0.0500	U		mg/L	0.05				0.005	-0.0048	-0.0048	1	0.05	-0.00048	10/12/07	15:00
304222	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0128	0.0128	1	0.05	0.00128	10/12/07	15:00
304222	Sr4215	0.272			mg/L	0.05				0.005	0.2722	0.272	1	0.05	0.02722	10/12/07	15:00
304222	Th2837	0.250	U		mg/L	0.25				0.025	0.0314	0.0314	1	0.25	0.00314	10/12/07	15:00
304222	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0026	0.0026	1	0.05	0.00026	10/12/07	15:00
304222	Tl1908	0.100	U		mg/L	0.1				0.01	-0.019	-0.019	1	0.1	-0.0019	10/12/07	15:00
304222	V_2924	0.0500	U		mg/L	0.05				0.005	0.0073	0.0073	1	0.05	0.00073	10/12/07	15:00
304222	W_2079	0.100	U		mg/L	0.1				0.01	0.0154	0.0154	1	0.1	0.00154	10/12/07	15:00
304222	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0036	-0.0036	1	0.05	-0.00036	10/12/07	15:00
304222	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0017	0.0017	1	0.05	0.00017	10/12/07	15:00
304222	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	10/12/07	15:00
304223	Ag3280	0.0500	U		mg/L	0.05				0.005	0.0034	0.0034	1	0.05	0.00034	10/12/07	15:05
304223	Al3082	0.500	U		mg/L	0.5				0.05	-0.1678	-0.168	1	0.5	-0.01678	10/12/07	15:05
304223	As1890	0.0500	U		mg/L	0.05				0.005	-0.008	-0.008	1	0.05	-0.0008	10/12/07	15:05
304223	B_2496	0.250	U		mg/L	0.25				0.025	-0.1223	-0.122	1	0.25	-0.01223	10/12/07	15:05
304223	Ba4934	0.163			mg/L	0.05				0.005	0.1625	0.163	1	0.05	0.01625	10/12/07	15:05
304223	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0017	-0.0017	1	0.05	-0.00017	10/12/07	15:05
304223	Bi2230	0.100	U		mg/L	0.1				0.01	-0.026	-0.026	1	0.1	-0.0026	10/12/07	15:05
304223	Ca3179	431			mg/L	0.5				0.05	431.1088	431	1	0.5	43.11088	10/12/07	15:05
304223	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0014	-0.0014	1	0.05	-0.00014	10/12/07	15:05
304223	Co2286	0.0500	U		mg/L	0.05				0.005	0.007	0.007	1	0.05	0.0007	10/12/07	15:05
304223	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0127	0.0127	1	0.05	0.00127	10/12/07	15:05
304223	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0353	0.0353	1	0.05	0.00353	10/12/07	15:05
304223	Fe2714	1.00	U		mg/L	1				0.1	0.2595	0.26	1	1	0.02595	10/12/07	15:05
304223	La3988	0.0500	U		mg/L	0.05				0.005	0.0041	0.0041	1	0.05	0.00041	10/12/07	15:05
304223	Mg2790	0.500	U		mg/L	0.5				0.05	0.0979	0.0979	1	0.5	0.00979	10/12/07	15:05
304223	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0038	0.0038	1	0.05	0.00038	10/12/07	15:05
304223	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0069	-0.0069	1	0.05	-0.00069	10/12/07	15:05
304223	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0002	0.0002	1	0.05	0.00002	10/12/07	15:05
304223	P_1782	0.200	U		mg/L	0.2				0.02	0.0489	0.0489	1	0.2	0.00489	10/12/07	15:05
304223	Pd3404	0.250	U		mg/L	0.25				0.025	0.0718	0.0718	1	0.25	0.00718	10/12/07	15:05
304223	S_1820	0.250	U		mg/L	0.25				0.025	-0.0035	-0.0035	1	0.25	-0.00035	10/12/07	15:05
304223	Sb2068	0.150	U		mg/L	0.15				0.015	0.0328	0.0328	1	0.15	0.00328	10/12/07	15:05
304223	Si2881	33.7			mg/L	0.2				0.02	33.7094	33.7	1	0.2	3.37094	10/12/07	15:05
304223	Pb220	0.0500	U		mg/L	0.05				0.005	0.012	0.012	1	0.05	0.0012	10/12/07	15:05
304223	Se196	0.0500	U		mg/L	0.05				0.005	-0.0067	-0.0067	1	0.05	-0.00067	10/12/07	15:05
304223	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0276	0.0276	1	0.05	0.00276	10/12/07	15:05
304223	Sr4215	0.277			mg/L	0.05				0.005	0.2768	0.277	1	0.05	0.02768	10/12/07	15:05

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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
304223	Th2837	0.250	U		mg/L	0.25				0.025	0.032	0.032	1	0.25	0.0032	10/12/07	15:05
304223	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0036	0.0036	1	0.05	0.00036	10/12/07	15:05
304223	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0206	-0.0206	1	0.1	-0.00206	10/12/07	15:05
304223	V_2924	0.0500	U		mg/L	0.05				0.005	0.0145	0.0145	1	0.05	0.00145	10/12/07	15:05
304223	W_2079	0.100	U		mg/L	0.1				0.01	0.0118	0.0118	1	0.1	0.00118	10/12/07	15:05
304223	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0025	-0.0025	1	0.05	-0.00025	10/12/07	15:05
304223	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0177	0.0177	1	0.05	0.00177	10/12/07	15:05
304223	Zr3496	0.0500	U		mg/L	0.05				0.005	0.007	0.007	1	0.05	0.0007	10/12/07	15:05
304224	Ag3280	0.0500	U		mg/L	0.05				0.005	0.0047	0.0047	1	0.05	0.00047	10/12/07	15:19
304224	Al3082	0.500	U		mg/L	0.5				0.05	0.0406	0.0406	1	0.5	0.00406	10/12/07	15:19
304224	As1890	0.0500	U		mg/L	0.05				0.005	0.0004	0.0004	1	0.05	0.00004	10/12/07	15:19
304224	B_2496	0.250	U		mg/L	0.25				0.025	-0.0905	-0.0905	1	0.25	-0.00905	10/12/07	15:19
304224	Ba4934	0.0500	U		mg/L	0.05				0.005	0.0151	0.0151	1	0.05	0.00151	10/12/07	15:19
304224	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0016	-0.0016	1	0.05	-0.00016	10/12/07	15:19
304224	Bi2230	0.100	U		mg/L	0.1				0.01	0.0246	0.0246	1	0.1	0.00246	10/12/07	15:19
304224	Ca3179	422			mg/L	0.5				0.05	422.2945	422	1	0.5	42.22945	10/12/07	15:19
304224	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0002	-0.0002	1	0.05	-0.00002	10/12/07	15:19
304224	Co2286	0.0500	U		mg/L	0.05				0.005	0.0113	0.0113	1	0.05	0.00113	10/12/07	15:19
304224	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0148	0.0148	1	0.05	0.00148	10/12/07	15:19
304224	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0183	0.0183	1	0.05	0.00183	10/12/07	15:19
304224	Fe2714	1.00	U		mg/L	1				0.1	0.3409	0.341	1	1	0.03409	10/12/07	15:19
304224	La3988	0.0500	U		mg/L	0.05				0.005	0.0067	0.0067	1	0.05	0.00067	10/12/07	15:19
304224	Mg2790	0.500	U		mg/L	0.5				0.05	0.1225	0.123	1	0.5	0.01225	10/12/07	15:19
304224	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0026	0.0026	1	0.05	0.00026	10/12/07	15:19
304224	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0038	0.0038	1	0.05	0.00038	10/12/07	15:19
304224	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0058	0.0058	1	0.05	0.00058	10/12/07	15:19
304224	P_1782	0.200	U		mg/L	0.2				0.02	0.0277	0.0277	1	0.2	0.00277	10/12/07	15:19
304224	Pd3404	0.250	U		mg/L	0.25				0.025	0.0632	0.0632	1	0.25	0.00632	10/12/07	15:19
304224	S_1820	0.250	U		mg/L	0.25				0.025	-0.0175	-0.0175	1	0.25	-0.00175	10/12/07	15:19
304224	Sb2068	0.150	U		mg/L	0.15				0.015	0.0349	0.0349	1	0.15	0.00349	10/12/07	15:19
304224	Si2881	33.2			mg/L	0.2				0.02	33.2212	33.2	1	0.2	3.32212	10/12/07	15:19
304224	Pb220	0.0500	U		mg/L	0.05				0.005	0.0078	0.0078	1	0.05	0.00078	10/12/07	15:19
304224	Se196	0.0500	U		mg/L	0.05				0.005	0.0252	0.0252	1	0.05	0.00252	10/12/07	15:19
304224	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0279	0.0279	1	0.05	0.00279	10/12/07	15:19
304224	Sr4215	0.268			mg/L	0.05				0.005	0.2683	0.268	1	0.05	0.02683	10/12/07	15:19
304224	Th2837	0.250	U		mg/L	0.25				0.025	0.0515	0.0515	1	0.25	0.00515	10/12/07	15:19
304224	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0039	0.0039	1	0.05	0.00039	10/12/07	15:19
304224	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0218	-0.0218	1	0.1	-0.00218	10/12/07	15:19

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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
304224	V_2924	0.0500	U		mg/L	0.05				0.005	0.0147	0.0147	1	0.05	0.00147	10/12/07	15:19
304224	W_2079	0.100	U		mg/L	0.1				0.01	0.0206	0.0206	1	0.1	0.00206	10/12/07	15:19
304224	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0026	-0.0026	1	0.05	-0.00026	10/12/07	15:19
304224	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0062	0.0062	1	0.05	0.00062	10/12/07	15:19
304224	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0088	0.0088	1	0.05	0.00088	10/12/07	15:19
304225	Ag3280	0.0500	U		mg/L	0.05				0.005	0.0026	0.0026	1	0.05	0.00026	10/12/07	15:24
304225	Al3082	0.500	U		mg/L	0.5				0.05	-0.1381	-0.138	1	0.5	-0.01381	10/12/07	15:24
304225	As1890	0.0500	U		mg/L	0.05				0.005	0.0106	0.0106	1	0.05	0.00106	10/12/07	15:24
304225	B_2496	0.250	U		mg/L	0.25				0.025	-0.1141	-0.114	1	0.25	-0.01141	10/12/07	15:24
304225	Ba4934	0.0500	U		mg/L	0.05				0.005	0.012	0.012	1	0.05	0.0012	10/12/07	15:24
304225	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0018	-0.0018	1	0.05	-0.00018	10/12/07	15:24
304225	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0407	-0.0407	1	0.1	-0.00407	10/12/07	15:24
304225	Ca3179	419			mg/L	0.5				0.05	418.5556	419	1	0.5	41.85556	10/12/07	15:24
304225	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0007	0.0007	1	0.05	0.00007	10/12/07	15:24
304225	Co2286	0.0500	U		mg/L	0.05				0.005	0.0047	0.0047	1	0.05	0.00047	10/12/07	15:24
304225	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0049	-0.0049	1	0.05	-0.00049	10/12/07	15:24
304225	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0051	0.0051	1	0.05	0.00051	10/12/07	15:24
304225	Fe2714	1.00	U		mg/L	1				0.1	0.3108	0.311	1	1	0.03108	10/12/07	15:24
304225	La3988	0.0500	U		mg/L	0.05				0.005	0.0028	0.0028	1	0.05	0.00028	10/12/07	15:24
304225	Mg2790	0.500	U		mg/L	0.5				0.05	0.0783	0.0783	1	0.5	0.00783	10/12/07	15:24
304225	Mn2576	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	10/12/07	15:24
304225	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0064	-0.0064	1	0.05	-0.00064	10/12/07	15:24
304225	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0129	-0.0129	1	0.05	-0.00129	10/12/07	15:24
304225	P_1782	0.200	U		mg/L	0.2				0.02	0.0105	0.0105	1	0.2	0.00105	10/12/07	15:24
304225	Pd3404	0.250	U		mg/L	0.25				0.025	0.0639	0.0639	1	0.25	0.00639	10/12/07	15:24
304225	S_1820	0.250	U		mg/L	0.25				0.025	0.0535	0.0535	1	0.25	0.00535	10/12/07	15:24
304225	Sb2068	0.150	U		mg/L	0.15				0.015	-0.051	-0.051	1	0.15	-0.0051	10/12/07	15:24
304225	Si2881	33.1			mg/L	0.2				0.02	33.0929	33.1	1	0.2	3.30929	10/12/07	15:24
304225	Pb220	0.0500	U		mg/L	0.05				0.005	0.0043	0.0043	1	0.05	0.00043	10/12/07	15:24
304225	Se196	0.0500	U		mg/L	0.05				0.005	0.0012	0.0012	1	0.05	0.00012	10/12/07	15:24
304225	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0155	0.0155	1	0.05	0.00155	10/12/07	15:24
304225	Sr4215	0.268			mg/L	0.05				0.005	0.2679	0.268	1	0.05	0.02679	10/12/07	15:24
304225	Th2837	0.250	U		mg/L	0.25				0.025	-0.0213	-0.0213	1	0.25	-0.00213	10/12/07	15:24
304225	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	10/12/07	15:24
304225	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0413	-0.0413	1	0.1	-0.00413	10/12/07	15:24
304225	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0021	-0.0021	1	0.05	-0.00021	10/12/07	15:24
304225	W_2079	0.100	U		mg/L	0.1				0.01	0.0112	0.0112	1	0.1	0.00112	10/12/07	15:24
304225	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0056	-0.0056	1	0.05	-0.00056	10/12/07	15:24

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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
304225	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0038	0.0038	1	0.05	0.00038	10/12/07	15:24
304225	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0084	-0.0084	1	0.05	-0.00084	10/12/07	15:24
304226	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0068	-0.0068	1	0.05	-0.00068	10/12/07	15:29
304226	Al3082	0.500	U		mg/L	0.5				0.05	-0.2258	-0.226	1	0.5	-0.02258	10/12/07	15:29
304226	As1890	0.0500	U		mg/L	0.05				0.005	0.018	0.018	1	0.05	0.0018	10/12/07	15:29
304226	B_2496	0.250	U		mg/L	0.25				0.025	-0.1178	-0.118	1	0.25	-0.01178	10/12/07	15:29
304226	Ba4934	0.0500	U		mg/L	0.05				0.005	0.0122	0.0122	1	0.05	0.00122	10/12/07	15:29
304226	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0022	-0.0022	1	0.05	-0.00022	10/12/07	15:29
304226	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0518	-0.0518	1	0.1	-0.00518	10/12/07	15:29
304226	Ca3179	418			mg/L	0.5				0.05	418.2216	418	1	0.5	41.82216	10/12/07	15:29
304226	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0028	-0.0028	1	0.05	-0.00028	10/12/07	15:29
304226	Co2286	0.0500	U		mg/L	0.05				0.005	-0.001	-0.001	1	0.05	-0.0001	10/12/07	15:29
304226	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0009	-0.0009	1	0.05	-0.00009	10/12/07	15:29
304226	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0068	0.0068	1	0.05	0.00068	10/12/07	15:29
304226	Fe2714	1.00	U		mg/L	1				0.1	0.0935	0.0935	1	1	0.00935	10/12/07	15:29
304226	La3988	0.0500	U		mg/L	0.05				0.005	-0.0053	-0.0053	1	0.05	-0.00053	10/12/07	15:29
304226	Mg2790	0.500	U		mg/L	0.5				0.05	0.0599	0.0599	1	0.5	0.00599	10/12/07	15:29
304226	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0007	0.0007	1	0.05	0.00007	10/12/07	15:29
304226	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0047	-0.0047	1	0.05	-0.00047	10/12/07	15:29
304226	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0099	-0.0099	1	0.05	-0.00099	10/12/07	15:29
304226	P_1782	0.200	U		mg/L	0.2				0.02	0.0232	0.0232	1	0.2	0.00232	10/12/07	15:29
304226	Pd3404	0.250	U		mg/L	0.25				0.025	0.0184	0.0184	1	0.25	0.00184	10/12/07	15:29
304226	S_1820	0.250	U		mg/L	0.25				0.025	-0.0073	-0.0073	1	0.25	-0.00073	10/12/07	15:29
304226	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0295	-0.0295	1	0.15	-0.00295	10/12/07	15:29
304226	Si2881	33.5			mg/L	0.2				0.02	33.4779	33.5	1	0.2	3.34779	10/12/07	15:29
304226	Pb220	0.0500	U		mg/L	0.05				0.005	0.0078	0.0078	1	0.05	0.00078	10/12/07	15:29
304226	Se196	0.0500	U		mg/L	0.05				0.005	0.024	0.024	1	0.05	0.0024	10/12/07	15:29
304226	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0064	-0.0064	1	0.05	-0.00064	10/12/07	15:29
304226	Sr4215	0.256			mg/L	0.05				0.005	0.2557	0.256	1	0.05	0.02557	10/12/07	15:29
304226	Th2837	0.250	U		mg/L	0.25				0.025	0.0101	0.0101	1	0.25	0.00101	10/12/07	15:29
304226	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0009	0.0009	1	0.05	0.00009	10/12/07	15:29
304226	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0308	-0.0308	1	0.1	-0.00308	10/12/07	15:29
304226	V_2924	0.0500	U		mg/L	0.05				0.005	0.0004	0.0004	1	0.05	0.00004	10/12/07	15:29
304226	W_2079	0.100	U		mg/L	0.1				0.01	-0.0054	-0.0054	1	0.1	-0.00054	10/12/07	15:29
304226	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0055	-0.0055	1	0.05	-0.00055	10/12/07	15:29
304226	Zn2062	0.0500	U		mg/L	0.05				0.005	0.002	0.002	1	0.05	0.0002	10/12/07	15:29
304226	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.006	-0.006	1	0.05	-0.0006	10/12/07	15:29
304227	Ag3280	0.0500	U		mg/L	0.05				0.005	0.0054	0.0054	1	0.05	0.00054	10/12/07	15:34

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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
304227	Al3082	0.500	U		mg/L	0.5				0.05	-0.1468	-0.147	1	0.5	-0.01468	10/12/07	15:34
304227	As1890	0.0500	U		mg/L	0.05				0.005	0.0065	0.0065	1	0.05	0.00065	10/12/07	15:34
304227	B_2496	0.250	U		mg/L	0.25				0.025	-0.1187	-0.119	1	0.25	-0.01187	10/12/07	15:34
304227	Ba4934	0.0500	U		mg/L	0.05				0.005	0.0129	0.0129	1	0.05	0.00129	10/12/07	15:34
304227	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0016	-0.0016	1	0.05	-0.00016	10/12/07	15:34
304227	Bi2230	0.100	U		mg/L	0.1				0.01	0.0037	0.0037	1	0.1	0.00037	10/12/07	15:34
304227	Ca3179	419			mg/L	0.5				0.05	418.5755	419	1	0.5	41.85755	10/12/07	15:34
304227	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0006	-0.0006	1	0.05	-0.00006	10/12/07	15:34
304227	Co2286	0.0500	U		mg/L	0.05				0.005	0.0024	0.0024	1	0.05	0.00024	10/12/07	15:34
304227	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0055	0.0055	1	0.05	0.00055	10/12/07	15:34
304227	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0102	0.0102	1	0.05	0.00102	10/12/07	15:34
304227	Fe2714	1.00	U		mg/L	1				0.1	0.204	0.204	1	1	0.0204	10/12/07	15:34
304227	La3988	0.0500	U		mg/L	0.05				0.005	0.0031	0.0031	1	0.05	0.00031	10/12/07	15:34
304227	Mg2790	0.500	U		mg/L	0.5				0.05	0.1116	0.112	1	0.5	0.01116	10/12/07	15:34
304227	Mn2576	0.0500	U		mg/L	0.05				0.005	0.001	0.001	1	0.05	0.0001	10/12/07	15:34
304227	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0032	-0.0032	1	0.05	-0.00032	10/12/07	15:34
304227	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0078	-0.0078	1	0.05	-0.00078	10/12/07	15:34
304227	P_1782	0.200	U		mg/L	0.2				0.02	-0.0102	-0.0102	1	0.2	-0.00102	10/12/07	15:34
304227	Pd3404	0.250	U		mg/L	0.25				0.025	0.0676	0.0676	1	0.25	0.00676	10/12/07	15:34
304227	S_1820	0.250	U		mg/L	0.25				0.025	-0.0661	-0.0661	1	0.25	-0.00661	10/12/07	15:34
304227	Sb2068	0.150	U		mg/L	0.15				0.015	0.0015	0.0015	1	0.15	0.00015	10/12/07	15:34
304227	Si2881	33.6			mg/L	0.2				0.02	33.583	33.6	1	0.2	3.3583	10/12/07	15:34
304227	Pb220	0.0500	U		mg/L	0.05				0.005	0.0069	0.0069	1	0.05	0.00069	10/12/07	15:34
304227	Se196	0.0500	U		mg/L	0.05				0.005	-0.0017	-0.0017	1	0.05	-0.00017	10/12/07	15:34
304227	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0191	0.0191	1	0.05	0.00191	10/12/07	15:34
304227	Sr4215	0.256			mg/L	0.05				0.005	0.2562	0.256	1	0.05	0.02562	10/12/07	15:34
304227	Th2837	0.250	U		mg/L	0.25				0.025	0.0263	0.0263	1	0.25	0.00263	10/12/07	15:34
304227	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0024	0.0024	1	0.05	0.00024	10/12/07	15:34
304227	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0283	-0.0283	1	0.1	-0.00283	10/12/07	15:34
304227	V_2924	0.0500	U		mg/L	0.05				0.005	0.0079	0.0079	1	0.05	0.00079	10/12/07	15:34
304227	W_2079	0.100	U		mg/L	0.1				0.01	-0.0043	-0.0043	1	0.1	-0.00043	10/12/07	15:34
304227	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0044	-0.0044	1	0.05	-0.00044	10/12/07	15:34
304227	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0032	0.0032	1	0.05	0.00032	10/12/07	15:34
304227	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0004	0.0004	1	0.05	0.00004	10/12/07	15:34
304228	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0015	-0.0015	1	0.05	-0.00015	10/12/07	15:38
304228	Al3082	0.500	U		mg/L	0.5				0.05	-0.0968	-0.0968	1	0.5	-0.00968	10/12/07	15:38
304228	As1890	0.0500	U		mg/L	0.05				0.005	-0.0087	-0.0087	1	0.05	-0.00087	10/12/07	15:38
304228	B_2496	0.250	U		mg/L	0.25				0.025	-0.0913	-0.0913	1	0.25	-0.00913	10/12/07	15:38

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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
304228	Ba4934	0.0500	U		mg/L	0.05				0.005	0.0086	0.0086	1	0.05	0.00086	10/12/07	15:38
304228	Be3130	0.0500	U		mg/L	0.05				0.005	-0.002	-0.002	1	0.05	-0.0002	10/12/07	15:38
304228	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0263	-0.0263	1	0.1	-0.00263	10/12/07	15:38
304228	Ca3179	495			mg/L	0.5				0.05	495.2719	495	1	0.5	49.52719	10/12/07	15:38
304228	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0007	-0.0007	1	0.05	-0.00007	10/12/07	15:38
304228	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0068	-0.0068	1	0.05	-0.00068	10/12/07	15:38
304228	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0056	0.0056	1	0.05	0.00056	10/12/07	15:38
304228	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0046	0.0046	1	0.05	0.00046	10/12/07	15:38
304228	Fe2714	1.01			mg/L	1				0.1	1.0092	1.01	1	1	0.10092	10/12/07	15:38
304228	La3988	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	10/12/07	15:38
304228	Mg2790	0.500	U		mg/L	0.5				0.05	0.1988	0.199	1	0.5	0.01988	10/12/07	15:38
304228	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0008	0.0008	1	0.05	0.00008	10/12/07	15:38
304228	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0167	-0.0167	1	0.05	-0.00167	10/12/07	15:38
304228	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0093	-0.0093	1	0.05	-0.00093	10/12/07	15:38
304228	P_1782	0.200	U		mg/L	0.2				0.02	0.0811	0.0811	1	0.2	0.00811	10/12/07	15:38
304228	Pd3404	0.250	U		mg/L	0.25				0.025	0.1741	0.174	1	0.25	0.01741	10/12/07	15:38
304228	S_1820	0.250	U		mg/L	0.25				0.025	0.0735	0.0735	1	0.25	0.00735	10/12/07	15:38
304228	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0247	-0.0247	1	0.15	-0.00247	10/12/07	15:38
304228	Si2881	94.9			mg/L	0.2				0.02	94.855	94.9	1	0.2	9.4855	10/12/07	15:38
304228	Pb220	0.0500	U		mg/L	0.05				0.005	-0.006	-0.006	1	0.05	-0.0006	10/12/07	15:38
304228	Se196	0.0500	U		mg/L	0.05				0.005	0.0006	0.0006	1	0.05	0.00006	10/12/07	15:38
304228	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0079	0.0079	1	0.05	0.00079	10/12/07	15:38
304228	Sr4215	0.0800			mg/L	0.05				0.005	0.08	0.08	1	0.05	0.008	10/12/07	15:38
304228	Th2837	0.250	U		mg/L	0.25				0.025	0.0572	0.0572	1	0.25	0.00572	10/12/07	15:38
304228	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0015	-0.0015	1	0.05	-0.00015	10/12/07	15:38
304228	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0269	-0.0269	1	0.1	-0.00269	10/12/07	15:38
304228	V_2924	0.0500	U		mg/L	0.05				0.005	0.0224	0.0224	1	0.05	0.00224	10/12/07	15:38
304228	W_2079	0.100	U		mg/L	0.1				0.01	-0.0032	-0.0032	1	0.1	-0.00032	10/12/07	15:38
304228	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0059	-0.0059	1	0.05	-0.00059	10/12/07	15:38
304228	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0036	0.0036	1	0.05	0.00036	10/12/07	15:38
304228	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0105	-0.0105	1	0.05	-0.00105	10/12/07	15:38
304229	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.006	-0.006	1	0.05	-0.0006	10/12/07	15:43
304229	Al3082	0.500	U		mg/L	0.5				0.05	-0.0553	-0.0553	1	0.5	-0.00553	10/12/07	15:43
304229	As1890	0.0500	U		mg/L	0.05				0.005	-0.0166	-0.0166	1	0.05	-0.00166	10/12/07	15:43
304229	B_2496	0.250	U		mg/L	0.25				0.025	-0.0884	-0.0884	1	0.25	-0.00884	10/12/07	15:43
304229	Ba4934	0.0500	U		mg/L	0.05				0.005	0.015	0.015	1	0.05	0.0015	10/12/07	15:43
304229	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0016	-0.0016	1	0.05	-0.00016	10/12/07	15:43
304229	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0402	-0.0402	1	0.1	-0.00402	10/12/07	15:43

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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
304229	Ca3179	523			mg/L	0.5				0.05	523.2125	523	1	0.5	52.32125	10/12/07	15:43
304229	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0018	-0.0018	1	0.05	-0.00018	10/12/07	15:43
304229	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0014	-0.0014	1	0.05	-0.00014	10/12/07	15:43
304229	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0131	0.0131	1	0.05	0.00131	10/12/07	15:43
304229	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0089	0.0089	1	0.05	0.00089	10/12/07	15:43
304229	Fe2714	1.00	U		mg/L	1				0.1	0.9526	0.953	1	1	0.09526	10/12/07	15:43
304229	La3988	0.0500	U		mg/L	0.05				0.005	-0.0029	-0.0029	1	0.05	-0.00029	10/12/07	15:43
304229	Mg2790	0.500	U		mg/L	0.5				0.05	0.1707	0.171	1	0.5	0.01707	10/12/07	15:43
304229	Mn2576	0.0500	U		mg/L	0.05				0.005	0.003	0.003	1	0.05	0.0003	10/12/07	15:43
304229	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0091	-0.0091	1	0.05	-0.00091	10/12/07	15:43
304229	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0013	-0.0013	1	0.05	-0.00013	10/12/07	15:43
304229	P_1782	0.200	U		mg/L	0.2				0.02	0.0879	0.0879	1	0.2	0.00879	10/12/07	15:43
304229	Pd3404	0.250	U		mg/L	0.25				0.025	0.1576	0.158	1	0.25	0.01576	10/12/07	15:43
304229	S_1820	0.250	U		mg/L	0.25				0.025	0.1074	0.107	1	0.25	0.01074	10/12/07	15:43
304229	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0253	-0.0253	1	0.15	-0.00253	10/12/07	15:43
304229	Si2881	100			mg/L	0.2				0.02	100.0491	100	1	0.2	10.00491	10/12/07	15:43
304229	Pb220	0.0500	U		mg/L	0.05				0.005	-0.0008	-0.0008	1	0.05	-0.00008	10/12/07	15:43
304229	Se196	0.0500	U		mg/L	0.05				0.005	-0.0116	-0.0116	1	0.05	-0.00116	10/12/07	15:43
304229	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0046	-0.0046	1	0.05	-0.00046	10/12/07	15:43
304229	Sr4215	0.0844			mg/L	0.05				0.005	0.0844	0.0844	1	0.05	0.00844	10/12/07	15:43
304229	Th2837	0.250	U		mg/L	0.25				0.025	0.074	0.074	1	0.25	0.0074	10/12/07	15:43
304229	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0007	-0.0007	1	0.05	-0.00007	10/12/07	15:43
304229	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0271	-0.0271	1	0.1	-0.00271	10/12/07	15:43
304229	V_2924	0.0500	U		mg/L	0.05				0.005	0.0326	0.0326	1	0.05	0.00326	10/12/07	15:43
304229	W_2079	0.100	U		mg/L	0.1				0.01	0.0204	0.0204	1	0.1	0.00204	10/12/07	15:43
304229	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0047	-0.0047	1	0.05	-0.00047	10/12/07	15:43
304229	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0057	0.0057	1	0.05	0.00057	10/12/07	15:43
304229	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0033	-0.0033	1	0.05	-0.00033	10/12/07	15:43
304230	Ag3280	0.0500	U		mg/L	0.05				0.005	0.0148	0.0148	1	0.05	0.00148	10/12/07	15:48
304230	Al3082	0.500	U		mg/L	0.5				0.05	-0.0715	-0.0715	1	0.5	-0.00715	10/12/07	15:48
304230	As1890	0.0500	U		mg/L	0.05				0.005	-0.0025	-0.0025	1	0.05	-0.00025	10/12/07	15:48
304230	B_2496	0.250	U		mg/L	0.25				0.025	-0.0934	-0.0934	1	0.25	-0.00934	10/12/07	15:48
304230	Ba4934	0.0500	U		mg/L	0.05				0.005	0.046	0.046	1	0.05	0.0046	10/12/07	15:48
304230	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0016	-0.0016	1	0.05	-0.00016	10/12/07	15:48
304230	Bi2230	0.100	U		mg/L	0.1				0.01	0.0299	0.0299	1	0.1	0.00299	10/12/07	15:48
304230	Ca3179	515			mg/L	0.5				0.05	514.616	515	1	0.5	51.4616	10/12/07	15:48
304230	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0014	0.0014	1	0.05	0.00014	10/12/07	15:48
304230	Co2286	0.0500	U		mg/L	0.05				0.005	0.0098	0.0098	1	0.05	0.00098	10/12/07	15:48

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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
304230	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0043	-0.0043	1	0.05	-0.00043	10/12/07	15:48
304230	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0051	0.0051	1	0.05	0.00051	10/12/07	15:48
304230	Fe2714	1.30			mg/L	1				0.1	1.2986	1.3	1	1	0.12986	10/12/07	15:48
304230	La3988	0.0500	U		mg/L	0.05				0.005	0.0265	0.0265	1	0.05	0.00265	10/12/07	15:48
304230	Mg2790	0.500	U		mg/L	0.5				0.05	0.3853	0.385	1	0.5	0.03853	10/12/07	15:48
304230	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0033	0.0033	1	0.05	0.00033	10/12/07	15:48
304230	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.015	-0.015	1	0.05	-0.0015	10/12/07	15:48
304230	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0027	-0.0027	1	0.05	-0.00027	10/12/07	15:48
304230	P_1782	0.480			mg/L	0.2				0.02	0.4798	0.48	1	0.2	0.04798	10/12/07	15:48
304230	Pd3404	0.250	U		mg/L	0.25				0.025	0.2429	0.243	1	0.25	0.02429	10/12/07	15:48
304230	S_1820	0.250	U		mg/L	0.25				0.025	0.1125	0.113	1	0.25	0.01125	10/12/07	15:48
304230	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0355	-0.0355	1	0.15	-0.00355	10/12/07	15:48
304230	Si2881	96.7			mg/L	0.2				0.02	96.7424	96.7	1	0.2	9.67424	10/12/07	15:48
304230	Pb220	0.0500	U		mg/L	0.05				0.005	0.0002	0.0002	1	0.05	0.00002	10/12/07	15:48
304230	Se196	0.0500	U		mg/L	0.05				0.005	-0.0253	-0.0253	1	0.05	-0.00253	10/12/07	15:48
304230	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0235	0.0235	1	0.05	0.00235	10/12/07	15:48
304230	Sr4215	0.0844			mg/L	0.05				0.005	0.0844	0.0844	1	0.05	0.00844	10/12/07	15:48
304230	Th2837	0.250	U		mg/L	0.25				0.025	-0.0223	-0.0223	1	0.25	-0.00223	10/12/07	15:48
304230	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0021	-0.0021	1	0.05	-0.00021	10/12/07	15:48
304230	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0053	-0.0053	1	0.1	-0.00053	10/12/07	15:48
304230	V_2924	0.0500	U		mg/L	0.05				0.005	0.0265	0.0265	1	0.05	0.00265	10/12/07	15:48
304230	W_2079	0.100	U		mg/L	0.1				0.01	0.0165	0.0165	1	0.1	0.00165	10/12/07	15:48
304230	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0064	-0.0064	1	0.05	-0.00064	10/12/07	15:48
304230	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0229	0.0229	1	0.05	0.00229	10/12/07	15:48
304230	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0007	-0.0007	1	0.05	-0.00007	10/12/07	15:48
304231	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0044	-0.0044	1	0.05	-0.00044	10/12/07	15:53
304231	Al3082	0.500	U		mg/L	0.5				0.05	-0.1038	-0.104	1	0.5	-0.01038	10/12/07	15:53
304231	As1890	0.0500	U		mg/L	0.05				0.005	0.0013	0.0013	1	0.05	0.00013	10/12/07	15:53
304231	B_2496	0.250	U		mg/L	0.25				0.025	-0.0959	-0.0959	1	0.25	-0.00959	10/12/07	15:53
304231	Ba4934	0.0500	U		mg/L	0.05				0.005	0.0032	0.0032	1	0.05	0.00032	10/12/07	15:53
304231	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0016	-0.0016	1	0.05	-0.00016	10/12/07	15:53
304231	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0054	-0.0054	1	0.1	-0.00054	10/12/07	15:53
304231	Ca3179	498			mg/L	0.5				0.05	497.6096	498	1	0.5	49.76096	10/12/07	15:53
304231	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0021	-0.0021	1	0.05	-0.00021	10/12/07	15:53
304231	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	10/12/07	15:53
304231	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0037	-0.0037	1	0.05	-0.00037	10/12/07	15:53
304231	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0017	-0.0017	1	0.05	-0.00017	10/12/07	15:53
304231	Fe2714	1.00	U		mg/L	1				0.1	0.9634	0.963	1	1	0.09634	10/12/07	15:53

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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
304231	La3988	0.0500	U		mg/L	0.05				0.005	-0.0007	-0.0007	1	0.05	-0.00007	10/12/07	15:53
304231	Mg2790	0.500	U		mg/L	0.5				0.05	0.2102	0.21	1	0.5	0.02102	10/12/07	15:53
304231	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0003	0.0003	1	0.05	0.00003	10/12/07	15:53
304231	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0185	-0.0185	1	0.05	-0.00185	10/12/07	15:53
304231	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.007	-0.007	1	0.05	-0.0007	10/12/07	15:53
304231	P_1782	0.200	U		mg/L	0.2				0.02	0.0776	0.0776	1	0.2	0.00776	10/12/07	15:53
304231	Pd3404	0.250	U		mg/L	0.25				0.025	0.1653	0.165	1	0.25	0.01653	10/12/07	15:53
304231	S_1820	0.250	U		mg/L	0.25				0.025	0.0797	0.0797	1	0.25	0.00797	10/12/07	15:53
304231	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0054	-0.0054	1	0.15	-0.00054	10/12/07	15:53
304231	Si2881	96.0			mg/L	0.2				0.02	96.0308	96	1	0.2	9.60308	10/12/07	15:53
304231	Pb220	0.0500	U		mg/L	0.05				0.005	0.0056	0.0056	1	0.05	0.00056	10/12/07	15:53
304231	Se196	0.0500	U		mg/L	0.05				0.005	0.0036	0.0036	1	0.05	0.00036	10/12/07	15:53
304231	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0073	-0.0073	1	0.05	-0.00073	10/12/07	15:53
304231	Sr4215	0.0793			mg/L	0.05				0.005	0.0793	0.0793	1	0.05	0.00793	10/12/07	15:53
304231	Th2837	0.250	U		mg/L	0.25				0.025	0.0212	0.0212	1	0.25	0.00212	10/12/07	15:53
304231	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0043	-0.0043	1	0.05	-0.00043	10/12/07	15:53
304231	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0327	-0.0327	1	0.1	-0.00327	10/12/07	15:53
304231	V_2924	0.0500	U		mg/L	0.05				0.005	0.0187	0.0187	1	0.05	0.00187	10/12/07	15:53
304231	W_2079	0.100	U		mg/L	0.1				0.01	0.0052	0.0052	1	0.1	0.00052	10/12/07	15:53
304231	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0082	-0.0082	1	0.05	-0.00082	10/12/07	15:53
304231	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0045	0.0045	1	0.05	0.00045	10/12/07	15:53
304231	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0208	-0.0208	1	0.05	-0.00208	10/12/07	15:53
304232	Ag3280	0.0500	U		mg/L	0.05				0.005	0.0008	0.0008	1	0.05	0.00008	10/12/07	15:58
304232	Al3082	0.500	U		mg/L	0.5				0.05	-0.0263	-0.0263	1	0.5	-0.00263	10/12/07	15:58
304232	As1890	0.0500	U		mg/L	0.05				0.005	0.0036	0.0036	1	0.05	0.00036	10/12/07	15:58
304232	B_2496	0.250	U		mg/L	0.25				0.025	-0.0899	-0.0899	1	0.25	-0.00899	10/12/07	15:58
304232	Ba4934	0.0500	U		mg/L	0.05				0.005	0.006	0.006	1	0.05	0.0006	10/12/07	15:58
304232	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0016	-0.0016	1	0.05	-0.00016	10/12/07	15:58
304232	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0039	-0.0039	1	0.1	-0.00039	10/12/07	15:58
304232	Ca3179	495			mg/L	0.5				0.05	495.4784	495	1	0.5	49.54784	10/12/07	15:58
304232	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0006	-0.0006	1	0.05	-0.00006	10/12/07	15:58
304232	Co2286	0.0500	U		mg/L	0.05				0.005	-0.001	-0.001	1	0.05	-0.0001	10/12/07	15:58
304232	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0154	0.0154	1	0.05	0.00154	10/12/07	15:58
304232	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0109	0.0109	1	0.05	0.00109	10/12/07	15:58
304232	Fe2714	1.00	U		mg/L	1				0.1	0.8459	0.846	1	1	0.08459	10/12/07	15:58
304232	La3988	0.0500	U		mg/L	0.05				0.005	-0.0002	-0.0002	1	0.05	-0.00002	10/12/07	15:58
304232	Mg2790	0.500	U		mg/L	0.5				0.05	0.2425	0.243	1	0.5	0.02425	10/12/07	15:58
304232	Mn2576	0.0500	U		mg/L	0.05				0.005	0.003	0.003	1	0.05	0.0003	10/12/07	15:58

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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
304232	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0072	-0.0072	1	0.05	-0.00072	10/12/07	15:58
304232	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0068	-0.0068	1	0.05	-0.00068	10/12/07	15:58
304232	P_1782	0.200	U		mg/L	0.2				0.02	0.0436	0.0436	1	0.2	0.00436	10/12/07	15:58
304232	Pd3404	0.250	U		mg/L	0.25				0.025	0.146	0.146	1	0.25	0.0146	10/12/07	15:58
304232	S_1820	0.250	U		mg/L	0.25				0.025	0.0351	0.0351	1	0.25	0.00351	10/12/07	15:58
304232	Sb2068	0.150	U		mg/L	0.15				0.015	0.0089	0.0089	1	0.15	0.00089	10/12/07	15:58
304232	Si2881	95.9			mg/L	0.2				0.02	95.8968	95.9	1	0.2	9.58968	10/12/07	15:58
304232	Pb220	0.0500	U		mg/L	0.05				0.005	0.0017	0.0017	1	0.05	0.00017	10/12/07	15:58
304232	Se196	0.0500	U		mg/L	0.05				0.005	-0.0111	-0.0111	1	0.05	-0.00111	10/12/07	15:58
304232	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0013	0.0013	1	0.05	0.00013	10/12/07	15:58
304232	Sr4215	0.0794			mg/L	0.05				0.005	0.0794	0.0794	1	0.05	0.00794	10/12/07	15:58
304232	Th2837	0.250	U		mg/L	0.25				0.025	0.0798	0.0798	1	0.25	0.00798	10/12/07	15:58
304232	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0007	0.0007	1	0.05	0.00007	10/12/07	15:58
304232	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0259	-0.0259	1	0.1	-0.00259	10/12/07	15:58
304232	V_2924	0.0500	U		mg/L	0.05				0.005	0.0352	0.0352	1	0.05	0.00352	10/12/07	15:58
304232	W_2079	0.100	U		mg/L	0.1				0.01	-0.0008	-0.0008	1	0.1	-0.00008	10/12/07	15:58
304232	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0049	-0.0049	1	0.05	-0.00049	10/12/07	15:58
304232	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0062	0.0062	1	0.05	0.00062	10/12/07	15:58
304232	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0041	-0.0041	1	0.05	-0.00041	10/12/07	15:58
PBW-K12H1	K_766	3.00	U		mg/L	3				0.3	0.327680885	0.328	1	3	0.032768089	10/12/07	2:40 PM
PBW-K12H1	Li670	0.100	U		mg/L	0.1				0.01	0.019533871	0.0195	1	0.1	0.001953387	10/12/07	2:40 PM
PBW-K12H1	Na589	2.50	U		mg/L	2.5				0.25	0.004049878	0.00405	1	2.5	0.000404988	10/12/07	2:40 PM
LCSW-K12H1	K_766	192			mg/L	3		96.0%	200	0.3	191.5549767	192	1	3	19.15549767	10/12/07	2:43 PM
LCSW-K12H1	Li670	38.7			mg/L	0.1		96.8%	40	0.01	38.744682	38.7	1	0.1	3.8744682	10/12/07	2:43 PM
LCSW-K12H1	Na589	195			mg/L	2.5		97.5%	200	0.25	194.8500996	195	1	2.5	19.48500996	10/12/07	2:43 PM
304218	K_766	3.00	U		mg/L	3				0.3	0.956510762	0.957	1	3	0.095651076	10/12/07	2:46 PM
304218	Li670	0.100	U		mg/L	0.1				0.01	0.048267497	0.0483	1	0.1	0.00482675	10/12/07	2:46 PM
304218	Na589	2.50	U		mg/L	2.5				0.25	0.151741845	0.152	1	2.5	0.015174185	10/12/07	2:46 PM
304219	K_766	3.00	U		mg/L	3				0.3	0.433151977	0.433	1	3	0.043315198	10/12/07	2:49 PM
304219	Li670	0.100	U		mg/L	0.1				0.01	0.036697708	0.0367	1	0.1	0.003669771	10/12/07	2:49 PM
304219	Na589	2.50	U		mg/L	2.5				0.25	-0.183919452	-0.184	1	2.5	-0.018391945	10/12/07	2:49 PM
304220	K_766	3.00	U		mg/L	3				0.3	0.772488249	0.772	1	3	0.077248825	10/12/07	2:52 PM
304220	Li670	0.100	U		mg/L	0.1				0.01	0.027637547	0.0276	1	0.1	0.002763755	10/12/07	2:52 PM
304220	Na589	2.50	U		mg/L	2.5				0.25	0.436880875	0.437	1	2.5	0.043688088	10/12/07	2:52 PM
304220D	K_766	3.00	U		mg/L	3	0.0%			0.3	0.102648843	0.103	1	3	0.010264884	10/12/07	2:55 PM
304220D	Li670	0.100	U		mg/L	0.1	0.0%			0.01	0.006122224	0.00612	1	0.1	0.000612222	10/12/07	2:55 PM
304220D	Na589	2.50	U		mg/L	2.5	0.0%			0.25	0.827287922	0.827	1	2.5	0.082728792	10/12/07	2:55 PM
304221	K_766	3.00	U		mg/L	3				0.3	1.41937821	1.42	1	3	0.141937821	10/12/07	2:58 PM

Div 20
to#070807-9
06002.01.222

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
304221	Li670	0.100	U		mg/L	0.1				0.01	0.056062251	0.0561	1	0.1	0.005606225	10/12/07	2:58 PM
304221	Na589	10.4			mg/L	2.5				0.25	10.41560301	10.4	1	2.5	1.041560301	10/12/07	2:58 PM
304221S	K_766	194			mg/L	3		97.0%	200	0.3	193.5810742	194	1	3	19.35810742	10/12/07	3:01 PM
304221S	Li670	38.6			mg/L	0.1		96.5%	40	0.01	38.61213353	38.6	1	0.1	3.861213353	10/12/07	3:01 PM
304221S	Na589	207			mg/L	2.5		98.3%	200	0.25	207.4598553	207	1	2.5	20.74598553	10/12/07	3:01 PM
3042222	K_766	3.00	U		mg/L	3				0.3	1.303479682	1.3	1	3	0.130347968	10/12/07	3:04 PM
3042222	Li670	0.100	U		mg/L	0.1				0.01	0.098659554	0.0987	1	0.1	0.009865955	10/12/07	3:04 PM
3042222	Na589	10.6			mg/L	2.5				0.25	10.62296994	10.6	1	2.5	1.062296994	10/12/07	3:04 PM
304223	K_766	3.00	U		mg/L	3				0.3	0.848095518	0.848	1	3	0.084809552	10/12/07	3:07 PM
304223	Li670	0.100	U		mg/L	0.1				0.01	0.046552978	0.0466	1	0.1	0.004655298	10/12/07	3:07 PM
304223	Na589	10.0			mg/L	2.5				0.25	10.02443283	10	1	2.5	1.002443283	10/12/07	3:07 PM
304224	K_766	3.00	U		mg/L	3				0.3	-0.234455537	-0.234	1	3	-0.023445554	10/12/07	3:16 PM
304224	Li670	0.100	U		mg/L	0.1				0.01	0.026792646	0.0268	1	0.1	0.002679265	10/12/07	3:16 PM
304224	Na589	10.2			mg/L	2.5				0.25	10.21313591	10.2	1	2.5	1.021313591	10/12/07	3:16 PM
304225	K_766	3.00	U		mg/L	3				0.3	-0.21055723	-0.211	1	3	-0.021055723	10/12/07	3:20 PM
304225	Li670	0.100	U		mg/L	0.1				0.01	0.035527134	0.0355	1	0.1	0.003552713	10/12/07	3:20 PM
304225	Na589	9.80			mg/L	2.5				0.25	9.798142183	9.8	1	2.5	0.979814218	10/12/07	3:20 PM
304226	K_766	3.00	U		mg/L	3				0.3	1.250689041	1.25	1	3	0.125068904	10/12/07	3:23 PM
304226	Li670	0.100	U		mg/L	0.1				0.01	0.029785465	0.0298	1	0.1	0.002978546	10/12/07	3:23 PM
304226	Na589	2.50	U		mg/L	2.5				0.25	0.479025065	0.479	1	2.5	0.047902507	10/12/07	3:23 PM
304227	K_766	3.00	U		mg/L	3				0.3	0.587883652	0.588	1	3	0.058788365	10/12/07	3:26 PM
304227	Li670	0.100	U		mg/L	0.1				0.01	0.042608808	0.0426	1	0.1	0.004260881	10/12/07	3:26 PM
304227	Na589	2.50	U		mg/L	2.5				0.25	0.151424405	0.151	1	2.5	0.01514244	10/12/07	3:26 PM
304228	K_766	3.00	U		mg/L	3				0.3	2.102584569	2.1	1	3	0.210258457	10/12/07	3:29 PM
304228	Li670	0.100	U		mg/L	0.1				0.01	0.0397302	0.0397	1	0.1	0.00397302	10/12/07	3:29 PM
304228	Na589	174			mg/L	2.5				0.25	174.4741847	174	1	2.5	17.44741847	10/12/07	3:29 PM
304229	K_766	3.20			mg/L	3				0.3	3.20129193	3.2	1	3	0.320129193	10/12/07	3:32 PM
304229	Li670	0.100	U		mg/L	0.1				0.01	0.033260047	0.0333	1	0.1	0.003326005	10/12/07	3:32 PM
304229	Na589	186			mg/L	2.5				0.25	185.7148967	186	1	2.5	18.57148967	10/12/07	3:32 PM
304230	K_766	14.9			mg/L	3				0.3	14.93929156	14.9	1	3	1.493929156	10/12/07	3:35 PM
304230	Li670	0.100	U		mg/L	0.1				0.01	0.012850611	0.0129	1	0.1	0.001285061	10/12/07	3:35 PM
304230	Na589	180			mg/L	2.5				0.25	180.3825645	180	1	2.5	18.03825645	10/12/07	3:35 PM
304231	K_766	3.00	U		mg/L	3				0.3	1.942606868	1.94	1	3	0.194260687	10/12/07	3:44 PM
304231	Li670	0.100	U		mg/L	0.1				0.01	0.036234539	0.0362	1	0.1	0.003623454	10/12/07	3:44 PM
304231	Na589	176			mg/L	2.5				0.25	176.1644739	176	1	2.5	17.61644739	10/12/07	3:44 PM
304232	K_766	3.36			mg/L	3				0.3	3.360115901	3.36	1	3	0.33601159	10/12/07	3:47 PM
304232	Li670	0.100	U		mg/L	0.1				0.01	0.027404835	0.0274	1	0.1	0.002740483	10/12/07	3:47 PM
304232	Na589	176			mg/L	2.5				0.25	175.8787129	176	1	2.5	17.58787129	10/12/07	3:47 PM

Div. 20
Proj.# 06002.01.222
TO# 070807-9

10/18/07

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ng/L	Date	Time
pbw-k17b1	U-tot	0.000100	U		mg/L	0.0001				100	5.01241E-06	5E-06	1	0.0001	5.01241	10/17/07	1:58 PM
lcsw-k17b1	U-tot	0.0154			mg/L	0.0001		101.8%	0.01514	100	0.01537634	0.0154	1	0.0001	15376.33951	10/17/07	2:00 PM
304218	U-tot	0.418			mg/L	0.001				100	0.417527479	0.418	10	0.001	41752.74788	10/17/07	2:03 PM
304219	U-tot	0.403			mg/L	0.001				100	0.402800172	0.403	10	0.001	40280.01717	10/17/07	2:05 PM
304221	U-tot	0.440			mg/L	0.001				100	0.440142118	0.44	10	0.001	44014.21181	10/17/07	2:10 PM
304222	U-tot	0.409			mg/L	0.001				100	0.408670798	0.409	10	0.001	40867.07976	10/17/07	2:13 PM
304223	U-tot	0.620			mg/L	0.001				100	0.620116622	0.62	10	0.001	62011.66223	10/17/07	2:15 PM
304224	U-tot	1.96			mg/L	0.02				100	1.958267338	1.96	200	0.02	9791.33669	10/17/07	2:18 PM
304224d	U-tot	2.04			mg/L	0.02	4.0%			100	2.040310802	2.04	200	0.02	10201.55401	10/17/07	2:27 PM
304225	U-tot	2.00			mg/L	0.02				100	2.000341946	2	200	0.02	10001.70973	10/17/07	2:30 PM
304225s	U-tot	4.92			mg/L	0.02		96.5%	3.027	100	4.922187246	4.92	200	0.02	24610.93623	10/17/07	2:32 PM
304226	U-tot	2.02			mg/L	0.02				100	2.023032944	2.02	200	0.02	10115.16472	10/17/07	2:35 PM
304227	U-tot	2.01			mg/L	0.02				100	2.011807998	2.01	200	0.02	10059.03999	10/17/07	2:37 PM
304228	U-tot	7.65			mg/L	0.02				100	7.649186446	7.65	200	0.02	38245.93223	10/17/07	2:40 PM
304229	U-tot	6.08			mg/L	0.02				100	6.076798774	6.08	200	0.02	30383.99387	10/17/07	2:42 PM
304230	U-tot	4.37			mg/L	0.02				100	4.369578552	4.37	200	0.02	21847.89276	10/17/07	2:45 PM
304231	U-tot	13.6			mg/L	0.05				100	13.62400288	13.6	500	0.05	27248.00576	10/17/07	2:47 PM
304232	U-tot	14.3			mg/L	0.05				100	14.29131366	14.3	500	0.05	28582.62732	10/17/07	2:57 PM
304220	U-tot	3.36			mg/L	0.02				100	3.360621854	3.36	200	0.02	16803.10927	10/17/07	3:07 PM

304/220

$$16803.1\ ng/L \times df\,200 \times \frac{1\ \frac{ug}{L}}{1000\ ng/L} \times \frac{1\ mg/L}{1000\ ug/L} = 3.36\ \frac{mg}{L}$$

10/18/07

div20_070807(9)final

☐ 200.8 TAP No. 01-0406-107 Rev 3/July 07

☒ 6020 TAP No. 01-0406-046 Rev11/July 07 Mod.

☐ Other

ICP-MS CALIB. STD. ID's | **TVs**

	ID	TVs
S0	MSØ7-170-01	TotU=44.9ppb
STD. 1	MSØ7-170-03	U235=319ppt
STD. 2		
STD. 3		

ANALYSIS

TotU, ~~U235~~ CB 10/17/07

IDL Date: 7/30/07

QC STD. ID's

	ID	TVs
ICV/CCV	MSØ7-170-05	TotU=22702ppt U235=161ppt
LRS		
CRI	MSØ7-204-01	TotU=4540ppt U235=322ppt
ICSA	MSØ7-170-06	0ppt
ICSAB	MSØ7-170-07	TotU=30269ppt U235=215ppt

PROJ. NO.	PROJECT	TO#	DATE	MATRIX	LOGBK PG
~~14002.01.101~~ 06002.01.222	Div20	~~071003-7~~ 070807-9	10/17/07	Water	—

INSTRUMENT: DRC II FILENAME: 071003

Analyst: Chad Bailey Date: 10/17/07

Daily Performance Report

Sample ID: Daily Performance Check

Sample Date/Time: Wednesday, October 17, 2007 09:23:00
Method File: c:\elandata\Method\Daily Performance Fast.mth
Dataset File: c:\elandata\Dataset\07oct1\Daily Performance Check.1207
Number of Replicates: 5
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 35
Current Dead Time (ns): 35

Summary

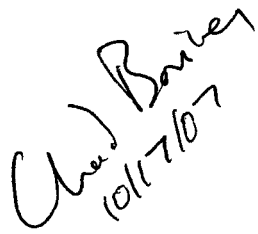
	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	6941.3	6941.286	61.248	0.9
	In	114.9	27066.7	27066.687	343.596	1.3
	U	238.1	22355.5	22355.480	222.750	1.0
⌈>	Ce	139.9	28251.6	28251.646	429.886	1.5
⌊	CeO	155.9	1436.1	0.051	0.002	3.7
⌈>	Ba	137.9	239361.1	239361.084	3280.411	1.4
⌊	Ba++	69.0	5208.4	0.022	0.000	1.5
	220	220.0	0.4	0.400	0.435	108.7
	8.5	8.5	0.3	0.267	0.435	163.0

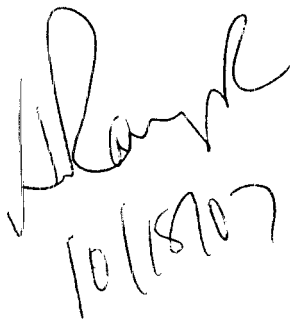
Current Optimization File Data

Current Value	Description
0.98	Nebulizer Gas Flow [NEB]
1.00	Auxiliary Gas Flow
15.00	Plasma Gas Flow
10.50	Lens Voltage
1100.00	ICP RF Power
-1850.00	Analog Stage Voltage
1100.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset Std [QRO]
-11.00	Cell Rod Offset Std [CRO]
70.00	Discriminator Threshold
-17.00	Cell Path Voltage Std [CPV]
0.00	RPa
0.25	RPq
0.90	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-15.00	DRC Mode CPV
0.00	Cell Gas A

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	53	8.5	590.0
Co	59	53	9.5	12991.9
In	115	53	11.0	27530.5





Instrument Mass Calibration Report

File Name: Default.tun
File Path: c:\elandata\Tuning

Sample ID: Mass Calibration and Resolution

Sample Acquistion Date/Time: Wednesday, October 17, 2007 09:27:42
Method File: c:\elandata\Method\SwRI_Mass_Cal.mth
Dataset File: c:\elandata\Dataset\07oct1\Mass Calibration and Resolution.1208
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 35
Current Dead Time (ns): 35

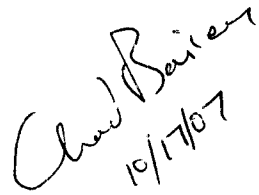
Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res.
C	12.000	11.928	2746	2062	0.716	
Mg	23.985	24.028	5675	2063	0.749	
Ar2	75.930	75.929	18307	2102	0.709	
In	114.904	114.929	27805	2129	0.708	
Ce	139.905	139.928	33884	2146	0.694	
Pb	207.977	207.929	50464	2195	0.673	
Th	232.038	232.078	56334	2206	0.703	
U	238.050	238.076	57790	2225	0.695	

Quantitative Analysis - Summary Report

Sample ID: S-0

Sample Date/Time: Wednesday, October 17, 2007 12:09:50
Sample Description:
Solution Type: Standard
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\S-0.1259
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration



Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	100.000	0.000	
	U	234	5	60.273	0.000	
	U	235	350	3.523	0.000	
	U	238	49	16.481	0.000	
	U 232	232	2	65.465	0.000	
⌈	U-tot	238	405	2.568	0.000	
|	U-238a	238	49	16.481	0.000	
|	U-235a	235	350	3.523	0.000	
⌊>	U 236	236	3253	2.069	0.000	
	U 236-IS	236	3253	2.069	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.000				ng/L
	U	234	5.333				ng/L
	U	235	350.338				ng/L
	U	238	48.667				ng/L
	U 232	232	2.333				ng/L
⌈	U-tot	238	0.125				ng/L
|	U-238a	238	0.015				ng/L
|	U-235a	235	0.108				ng/L
⌊>	U 236	236	3253.371				ng/L
	U 236-IS	236	3253.371	**100.000**	2.07	2.1	%R

Quantitative Analysis - Summary Report

Sample ID: S-1

Sample Date/Time: Wednesday, October 17, 2007 12:12:16
Sample Description:
Solution Type: Standard
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\S-1.1260
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	0.000	0.000	
	U	234	60	14.056	0.000	
	U	235	7659	1.260	0.000	
	U	238	904460	0.355	0.000	
	U 232	232	8	27.152	0.000	
⌈	U-tot	238	912180	0.353	0.000	
|	U-238a	238	904460	0.355	0.000	
|	U-235a	235	7659	1.260	0.000	
⌊>	U 236	236	3280	1.742	0.000	
	U 236-IS	236	3280	1.742	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.000				ng/L
	U	234	59.667				ng/L
	U	235	7659.053				ng/L
	U	238	904460.007				ng/L
	U 232	232	7.667				ng/L
⌈	U-tot	238	278.156	**44900.000**	790.84	1.8	ng/L
|	U-238a	238	275.802	**44581.000**	790.21	1.8	ng/L
|	U-235a	235	2.335	**319.000**	1.66	0.5	ng/L
⌊>	U 236	236	3280.043				ng/L
	U 236-IS	236	3280.043	**100.820**	1.76	1.7	%R

Quantitative Analysis - Summary Report

Sample ID: icv

Sample Date/Time: Wednesday, October 17, 2007 12:14:42
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\icv.1261
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	173.205	0.000	
	U	234	37	15.980	0.000	
	U	235	4138	1.919	0.000	
	U	238	461792	0.563	0.000	
	U 232	232	2	65.465	0.000	
⌈	U-tot	238	465968	0.567	0.000	
|	U-238a	238	461792	0.563	0.000	
|	U-235a	235	4138	1.919	0.000	
⌊>	U 236	236	3127	1.863	0.000	
	U 236-IS	236	3127	1.863	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.667				ng/L
	U	234	36.667				ng/L
	U	235	4138.266				ng/L
	U	238	461791.912				ng/L
	U 232	232	2.333				ng/L
⌈	U-tot	238	149.073	**24054.093**	567.43	2.4	ng/L
|	U-238a	238	147.737	**23879.326**	563.44	2.4	ng/L
|	U-235a	235	1.324	**174.163**	5.21	3.0	ng/L
⌊>	U 236	236	3126.676				ng/L
	U 236-IS	236	3126.676	**96.106**	1.79	1.9	%R

Quantitative Analysis - Summary Report

Sample ID: icb

Sample Date/Time: Wednesday, October 17, 2007 12:17:08
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\icb.1262
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	0		0.000	
	U	234	5	44.607	0.000	
	U	235	362	8.025	0.000	
	U	238	367	2.891	0.000	
	U 232	232	3	66.667	0.000	
⌈	U-tot	238	733	4.229	0.000	
|	U-238a	238	367	2.891	0.000	
|	U-235a	235	362	8.025	0.000	
⌊>	U 236	236	3145	1.456	0.000	
	U 236-IS	236	3145	1.456	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.000				ng/L
	U	234	4.667				ng/L
	U	235	361.671				ng/L
	U	238	366.671				ng/L
	U 232	232	3.000				ng/L
⌈	U-tot	238	0.233	**17.501**	1.07	6.1	ng/L
|	U-238a	238	0.117	**16.433**	0.57	3.5	ng/L
|	U-235a	235	0.115	**1.027**	1.08	105.1	ng/L
⌊>	U 236	236	3144.679				ng/L
	U 236-IS	236	3144.679	**96.659**	1.41	1.5	%R

Quantitative Analysis - Summary Report

Sample ID: cri

Sample Date/Time: Wednesday, October 17, 2007 12:23:06
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\cri.1263
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	86.603	0.000	
	U	234	9	6.662	0.000	
	U	235	1084	3.561	0.000	
	U	238	90247	0.515	0.000	
	U 232	232	2	65.465	0.000	
⌜	U-tot	238	91340	0.539	0.000	
|	U-238a	238	90247	0.515	0.000	
|	U-235a	235	1084	3.561	0.000	
⌞>	U 236	236	3120	1.049	0.000	
	U 236-IS	236	3120	1.049	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.667				ng/L
	U	234	8.667				ng/L
	U	235	1083.708				ng/L
	U	238	90247.167				ng/L
	U 232	232	2.333				ng/L
⌜	U-tot	238	29.280	**4708.371**	30.98	0.7	ng/L
|	U-238a	238	28.930	**4674.064**	32.34	0.7	ng/L
|	U-235a	235	0.347	**34.307**	1.25	3.7	ng/L
⌞>	U 236	236	3119.674				ng/L
	U 236-IS	236	3119.674	**95.891**	1.01	1.0	%R

Quantitative Analysis - Summary Report

Sample ID: icsa

Sample Date/Time: Wednesday, October 17, 2007 12:25:33
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\icsa.1264
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	86.603	0.000	
	U	234	3	17.321	0.000	
	U	235	298	12.430	0.000	
	U	238	599	3.850	0.000	
	U 232	232	61	20.345	0.000	
⌈	U-tot	238	902	4.521	0.000	
|	U-238a	238	599	3.850	0.000	
|	U-235a	235	298	12.430	0.000	
⌊>	U 236	236	2648	0.791	0.000	
	U 236-IS	236	2648	0.791	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.333				ng/L
	U	234	3.333				ng/L
	U	235	298.003				ng/L
	U	238	599.346				ng/L
	U 232	232	60.667				ng/L
⌈	U-tot	238	0.341	**34.879**	2.63	7.6	ng/L
|	U-238a	238	0.226	**34.176**	1.69	4.9	ng/L
|	U-235a	235	0.113	**0.679**	1.97	290.3	ng/L
⌊>	U 236	236	2648.245				ng/L
	U 236-IS	236	2648.245	**81.400**	0.64	0.8	%R

Quantitative Analysis - Summary Report

Sample ID: icsab

Sample Date/Time: Wednesday, October 17, 2007 12:28:00
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\icsab.1265
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	0	173.205	0.000	
	U	234	40	10.897	0.000	
	U	235	4861	2.434	0.000	
	U	238	564572	0.344	0.000	
	U 232	232	117	3.548	0.000	
⌈	U-tot	238	569473	0.324	0.000	
|	U-238a	238	564572	0.344	0.000	
|	U-235a	235	4861	2.434	0.000	
⌊>	U 236	236	2888	0.151	0.000	
	U 236-IS	236	2888	0.151	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.333				ng/L
	U	234	40.000				ng/L
	U	235	4861.494				ng/L
	U	238	564571.515				ng/L
	U 232	232	117.334				ng/L
⌈	U-tot	238	197.166	**31820.735**	70.53	0.2	ng/L
|	U-238a	238	195.469	**31595.119**	77.44	0.2	ng/L
|	U-235a	235	1.683	**225.624**	5.97	2.6	ng/L
⌊>	U 236	236	2888.292				ng/L
	U 236-IS	236	2888.292	**88.778**	0.13	0.2	%R

Quantitative Analysis - Summary Report

Sample ID: ccv

Sample Date/Time: Wednesday, October 17, 2007 12:30:26
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\ccv.1266
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	0	173.205	0.000	
	U	234	38	17.256	0.000	
	U	235	4477	1.683	0.000	
	U	238	498074	0.613	0.000	
	U 232	232	6	44.411	0.000	
⌈	U-tot	238	502589	0.593	0.000	
|	U-238a	238	498074	0.613	0.000	
|	U-235a	235	4477	1.683	0.000	
⌊>	U 236	236	3398	2.034	0.000	
	U 236-IS	236	3398	2.034	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.333				ng/L
	U	234	38.000				ng/L
	U	235	4476.701				ng/L
	U	238	498074.163				ng/L
	U 232	232	5.667				ng/L
⌈	U-tot	238	147.969	**23875.710**	598.28	2.5	ng/L
|	U-238a	238	146.640	**23701.883**	598.27	2.5	ng/L
|	U-235a	235	1.318	**173.272**	1.40	0.8	ng/L
⌊>	U 236	236	3397.737				ng/L
	U 236-IS	236	3397.737	**104.437**	2.12	2.0	%R

Quantitative Analysis - Summary Report

Sample ID: ccb

Sample Date/Time: Wednesday, October 17, 2007 12:32:53
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\ccb.1267
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	43.301	0.000	
	U	234	6	16.667	0.000	
	U	235	404	5.234	0.000	
	U	238	312	9.818	0.000	
	U 232	232	7	17.321	0.000	
⌜	U-tot	238	723	1.667	0.000	
|	U-238a	238	312	9.818	0.000	
|	U-235a	235	404	5.234	0.000	
⌞>	U 236	236	3451	0.595	0.000	
	U 236-IS	236	3451	0.595	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.333				ng/L
	U	234	6.000				ng/L
	U	235	403.672				ng/L
	U	238	312.337				ng/L
	U 232	232	6.667				ng/L
⌜	U-tot	238	0.210	**13.722**	0.76	5.5	ng/L
|	U-238a	238	0.091	**12.220**	1.52	12.4	ng/L
|	U-235a	235	0.117	**1.316**	0.78	59.1	ng/L
⌞>	U 236	236	3450.750				ng/L
	U 236-IS	236	3450.750	**106.067**	0.63	0.6	%R

Quantitative Analysis - Summary Report

Sample ID: pbw-j19g1

Sample Date/Time: Wednesday, October 17, 2007 12:44:19
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\pbw-j19g1.1268
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	86.603	0.000	
	U	234	7	22.913	0.000	
	U	235	388	1.421	0.000	
	U	238	1085	3.451	0.000	
	U 232	232	53	11.302	0.000	
⌈	U-tot	238	1480	2.362	0.000	
|	U-238a	238	1085	3.451	0.000	
|	U-235a	235	388	1.421	0.000	
⌊>	U 236	236	3234	2.422	0.000	
	U 236-IS	236	3234	2.422	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.667				ng/L
	U	234	6.667				ng/L
	U	235	387.672				ng/L
	U	238	1084.708				ng/L
	U 232	232	53.333				ng/L
⌈	U-tot	238	0.458	**53.812**	3.22	6.0	ng/L
|	U-238a	238	0.336	**51.844**	2.81	5.4	ng/L
|	U-235a	235	0.120	**1.743**	0.52	30.1	ng/L
⌊>	U 236	236	3233.699				ng/L
	U 236-IS	236	3233.699	**99.395**	2.41	2.4	%R

Quantitative Analysis - Summary Report

Sample ID: lcsw-j19g1 df200

Sample Date/Time: Wednesday, October 17, 2007 12:46:44
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\lcsw-j19g1 df200.1269
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	60	7.655	0.000	
	U	234	7	49.487	0.000	
	U	235	512	2.713	0.000	
	U	238	16552	0.469	0.000	
	U 232	232	25	6.030	0.000	
⌈	U-tot	238	17131	0.540	0.000	
|	U-238a	238	16552	0.469	0.000	
|	U-235a	235	512	2.713	0.000	
⌊>	U 236	236	3332	0.971	0.000	
	U 236-IS	236	3332	0.971	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	60.333				ng/L
	U	234	7.000				ng/L
	U	235	512.009				ng/L
	U	238	16551.917				ng/L
	U 232	232	25.333				ng/L
⌈	U-tot	238	5.142	**810.239**	12.55	1.5	ng/L
|	U-238a	238	4.968	**800.651**	11.55	1.4	ng/L
|	U-235a	235	0.154	**6.577**	0.78	11.9	ng/L
⌊>	U 236	236	3332.055				ng/L
	U 236-IS	236	3332.055	**102.419**	0.99	1.0	%R

Quantitative Analysis - Summary Report

Sample ID: lcsw-j19g1 df10

Sample Date/Time: Wednesday, October 17, 2007 12:51:12
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\lcsw-j19g1 df10.1270
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	878	2.994	0.000	
	U	234	23	19.924	0.000	
	U	235	2754	0.965	0.000	
	U	238	298529	0.791	0.000	
	U 232	232	18	19.245	0.000	
⌜	U-tot	238	302183	0.766	0.000	
|	U-238a	238	298529	0.791	0.000	
|	U-235a	235	2754	0.965	0.000	
⌞>	U 236	236	3119	2.135	0.000	
	U 236-IS	236	3119	2.135	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	878.027				ng/L
	U	234	23.000				ng/L
	U	235	2753.599				ng/L
	U	238	298528.718				ng/L
	U 232	232	18.000				ng/L
⌜	U-tot	238	96.914	**15630.737**	214.74	1.4	ng/L
|	U-238a	238	95.741	**15474.174**	208.51	1.3	ng/L
|	U-235a	235	0.883	**111.071**	3.85	3.5	ng/L
⌞>	U 236	236	3118.674				ng/L
	U 236-IS	236	3118.674	**95.860**	2.05	2.1	%R

Quantitative Analysis - Summary Report

Sample ID: 306656 df100

Sample Date/Time: Wednesday, October 17, 2007 12:53:37
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\306656 df100.1271
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	7	69.282	0.000	
	U	234	91	12.209	0.000	
	U	235	12103	2.585	0.000	
	U	238	-2857400	1.466	0.000	
	U 232	232	119696	1.457	0.000	
⌈	U-tot	238	-2845199	1.461	0.000	
|	U-238a	238	-2857400	1.466	0.000	
|	U-235a	235	12103	2.585	0.000	
⌊>	U 236	236	3344	2.442	0.000	
	U 236-IS	236	3344	2.442	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	6.667				ng/L
	U	234	91.334				ng/L
	U	235	12103.461				ng/L
	U	238	-2857400.099				ng/L
	U 232	232	119696.095				ng/L
⌈	U-tot	238	-851.164	**-137476.891**	3147.91	2.3	ng/L
|	U-238a	238	-854.813	**-138183.033**	3163.64	2.3	ng/L
|	U-235a	235	3.620	**503.056**	12.25	2.4	ng/L
⌊>	U 236	236	3343.725				ng/L
	U 236-IS	236	3343.725	**102.777**	2.51	2.4	%R

Quantitative Analysis - Summary Report

Sample ID: 306656d df100

Sample Date/Time: Wednesday, October 17, 2007 12:56:02
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\306656d df100.1272
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	23	31.300	0.000	
	U	234	352	4.718	0.000	
	U	235	48751	1.339	0.000	
	U	238	-12014325	1.583	0.000	
	U 232	232	556139	1.167	0.000	
⌈	U-tot	238	-11965200	1.584	0.000	
|	U-238a	238	-12014325	1.583	0.000	
|	U-235a	235	48751	1.339	0.000	
⌊>	U 236	236	3792	1.317	0.000	
	U 236-IS	236	3792	1.317	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	22.667				ng/L
	U	234	352.338				ng/L
	U	235	48750.717				ng/L
	U	238	-12014325.371				ng/L
	U 232	232	556138.734				ng/L
⌈	U-tot	238	-3155.170	**-509557.326**	1861.86	0.4	ng/L
|	U-238a	238	-3168.125	**-512129.997**	1867.12	0.4	ng/L
|	U-235a	235	12.856	**1825.691**	3.56	0.2	ng/L
⌊>	U 236	236	3792.170				ng/L
	U 236-IS	236	3792.170	**116.561**	1.54	1.3	%R

Quantitative Analysis - Summary Report

Sample ID: 306656l df500

Sample Date/Time: Wednesday, October 17, 2007 12:58:27
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\306656l df500.1273
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	3	78.062	0.000	
	U	234	16	7.070	0.000	
	U	235	2843	3.645	0.000	
	U	238	589246	1.392	0.000	
	U 232	232	34469	1.892	0.000	
⌜	U-tot	238	592108	1.402	0.000	
|	U-238a	238	589246	1.392	0.000	
|	U-235a	235	2843	3.645	0.000	
⌞>	U 236	236	3190	1.156	0.000	
	U 236-IS	236	3190	1.156	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	2.667				ng/L
	U	234	16.333				ng/L
	U	235	2842.950				ng/L
	U	238	589246.307				ng/L
	U 232	232	34468.543				ng/L
⌜	U-tot	238	185.606	**29953.851**	492.00	1.6	ng/L
|	U-238a	238	184.709	**29855.729**	486.48	1.6	ng/L
|	U-235a	235	0.891	**112.205**	5.20	4.6	ng/L
⌞>	U 236	236	3190.356				ng/L
	U 236-IS	236	3190.356	**98.063**	1.13	1.2	%R

Quantitative Analysis - Summary Report

Sample ID: 306656s df200

Sample Date/Time: Wednesday, October 17, 2007 13:00:52
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\306656s df200.1274
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	39	19.251	0.000	
	U	234	57	1.019	0.000	
	U	235	8742	1.743	0.000	
	U	238	1922804	0.655	0.000	
	U 232	232	79070	1.686	0.000	
⌜	U-tot	238	1931642	0.659	0.000	
|	U-238a	238	1922804	0.655	0.000	
|	U-235a	235	8742	1.743	0.000	
⌞>	U 236	236	3354	1.495	0.000	
	U 236-IS	236	3354	1.495	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	39.333				ng/L
	U	234	56.667				ng/L
	U	235	8742.008				ng/L
	U	238	1922803.804				ng/L
	U 232	232	79069.591				ng/L
⌜	U-tot	238	576.061	**93009.557**	1615.22	1.7	ng/L
|	U-238a	238	573.425	**92691.780**	1604.48	1.7	ng/L
|	U-235a	235	2.607	**357.974**	10.85	3.0	ng/L
⌞>	U 236	236	3353.727				ng/L
	U 236-IS	236	3353.727	**103.085**	1.54	1.5	%R

Quantitative Analysis - Summary Report

Sample ID: 306656sd df200

Sample Date/Time: Wednesday, October 17, 2007 13:03:17
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\306656sd df200.1275
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	45	18.987	0.000	
	U	234	106	15.588	0.000	
	U	235	14470	1.870	0.000	
	U	238	-3523431	1.274	0.000	
	U 232	232	170926	1.965	0.000	
⌈	U-tot	238	-3508810	1.272	0.000	
|	U-238a	238	-3523431	1.274	0.000	
|	U-235a	235	14470	1.870	0.000	
⌊>	U 236	236	3438	1.223	0.000	
	U 236-IS	236	3438	1.223	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	45.000				ng/L
	U	234	106.000				ng/L
	U	235	14469.659				ng/L
	U	238	-3523430.930				ng/L
	U 232	232	170926.061				ng/L
⌈	U-tot	238	-1020.591	**-164838.154**	3128.26	1.9	ng/L
|	U-238a	238	-1024.843	**-165668.376**	3143.45	1.9	ng/L
|	U-235a	235	4.209	**587.293**	12.29	2.1	ng/L
⌊>	U 236	236	3438.414				ng/L
	U 236-IS	236	3438.414	**105.688**	1.29	1.2	%R

Quantitative Analysis - Summary Report

Sample ID: 306657 df100

Sample Date/Time: Wednesday, October 17, 2007 13:05:43
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\306657 df100.1276
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	5	39.031	0.000	
	U	234	120	9.014	0.000	
	U	235	16314	1.001	0.000	
	U	238	-3968814	0.459	0.000	
	U 232	232	182872	0.225	0.000	
⌈	U-tot	238	-3952375	0.457	0.000	
|	U-238a	238	-3968814	0.459	0.000	
|	U-235a	235	16314	1.001	0.000	
⌊>	U 236	236	3483	1.816	0.000	
	U 236-IS	236	3483	1.816	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	5.333				ng/L
	U	234	120.001				ng/L
	U	235	16314.311				ng/L
	U	238	-3968814.438				ng/L
	U 232	232	182872.374				ng/L
⌈	U-tot	238	-1134.813	**-183284.218**	2535.01	1.4	ng/L
|	U-238a	238	-1139.533	**-184207.969**	2544.01	1.4	ng/L
|	U-235a	235	4.684	**655.372**	5.76	0.9	ng/L
⌊>	U 236	236	3483.425				ng/L
	U 236-IS	236	3483.425	**107.071**	1.94	1.8	%R

Quantitative Analysis - Summary Report

Sample ID: cri

Sample Date/Time: Wednesday, October 17, 2007 13:08:09
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\cri.1277
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	0		0.000	
	U	234	8	12.500	0.000	
	U	235	1122	3.722	0.000	
	U	238	97798	0.132	0.000	
	U 232	232	1841	1.627	0.000	
⌜	U-tot	238	98928	0.165	0.000	
|	U-238a	238	97798	0.132	0.000	
|	U-235a	235	1122	3.722	0.000	
⌞>	U 236	236	3286	0.439	0.000	
	U 236-IS	236	3286	0.439	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.000				ng/L
	U	234	8.000				ng/L
	U	235	1121.711				ng/L
	U	238	97798.283				ng/L
	U 232	232	1840.785				ng/L
⌜	U-tot	238	30.106	**4841.765**	27.52	0.6	ng/L
|	U-238a	238	29.762	**4808.636**	25.25	0.5	ng/L
|	U-235a	235	0.341	**33.459**	2.03	6.1	ng/L
⌞>	U 236	236	3286.045				ng/L
	U 236-IS	236	3286.045	**101.004**	0.44	0.4	%R

Quantitative Analysis - Summary Report

Sample ID: ccv

Sample Date/Time: Wednesday, October 17, 2007 13:10:35
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\ccv.1278
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	86.603	0.000	
	U	234	36	27.358	0.000	
	U	235	4212	0.370	0.000	
	U	238	478444	0.240	0.000	
	U 232	232	821	3.988	0.000	
⌈	U-tot	238	482692	0.240	0.000	
|	U-238a	238	478444	0.240	0.000	
|	U-235a	235	4212	0.370	0.000	
⌊>	U 236	236	3332	0.608	0.000	
	U 236-IS	236	3332	0.608	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.667				ng/L
	U	234	36.000				ng/L
	U	235	4211.621				ng/L
	U	238	478443.876				ng/L
	U 232	232	821.024				ng/L
⌈	U-tot	238	144.880	**23376.967**	105.27	0.5	ng/L
|	U-238a	238	143.605	**23211.347**	104.48	0.5	ng/L
|	U-235a	235	1.264	**165.608**	1.12	0.7	ng/L
⌊>	U 236	236	3331.722				ng/L
	U 236-IS	236	3331.722	**102.408**	0.62	0.6	%R

Quantitative Analysis - Summary Report

Sample ID: ccb

Sample Date/Time: Wednesday, October 17, 2007 13:13:02
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\ccb.1279
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	0		0.000	
	U	234	5	20.000	0.000	
	U	235	372	2.328	0.000	
	U	238	572	2.148	0.000	
	U 232	232	948	5.224	0.000	
⌈	U-tot	238	949	1.110	0.000	
|	U-238a	238	572	2.148	0.000	
|	U-235a	235	372	2.328	0.000	
⌊>	U 236	236	3239	1.920	0.000	
	U 236-IS	236	3239	1.920	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.000				ng/L
	U	234	5.000				ng/L
	U	235	372.005				ng/L
	U	238	572.011				ng/L
	U 232	232	947.698				ng/L
⌈	U-tot	238	0.293	**27.197**	1.16	4.3	ng/L
|	U-238a	238	0.177	**26.133**	0.58	2.2	ng/L
|	U-235a	235	0.115	**1.023**	0.70	68.8	ng/L
⌊>	U 236	236	3239.034				ng/L
	U 236-IS	236	3239.034	**99.559**	1.91	1.9	%R

Quantitative Analysis - Summary Report

Sample ID: 306658 df100

Sample Date/Time: Wednesday, October 17, 2007 13:15:28
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\306658 df100.1280
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	7	28.386	0.000	
	U	234	111	2.087	0.000	
	U	235	15855	1.578	0.000	
	U	238	-3894769	1.160	0.000	
	U 232	232	170941	1.552	0.000	
⌈	U-tot	238	-3878796	1.159	0.000	
|	U-238a	238	-3894769	1.160	0.000	
|	U-235a	235	15855	1.578	0.000	
⌊>	U 236	236	3455	0.580	0.000	
	U 236-IS	236	3455	0.580	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	7.333				ng/L
	U	234	110.667				ng/L
	U	235	15855.462				ng/L
	U	238	-3894769.105				ng/L
	U 232	232	170940.805				ng/L
⌈	U-tot	238	-1122.775	**-181340.178**	2489.74	1.4	ng/L
|	U-238a	238	-1127.399	**-182246.503**	2505.39	1.4	ng/L
|	U-235a	235	4.590	**641.873**	11.88	1.9	ng/L
⌊>	U 236	236	3454.751				ng/L
	U 236-IS	236	3454.751	**106.190**	0.62	0.6	%R

Quantitative Analysis - Summary Report

Sample ID: cri

Sample Date/Time: Wednesday, October 17, 2007 13:17:55
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\cri.1281
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	0	173.205	0.000	
	U	234	11	14.321	0.000	
	U	235	1136	2.945	0.000	
	U	238	96533	0.349	0.000	
	U 232	232	1578	0.878	0.000	
⌜	U-tot	238	97680	0.334	0.000	
|	U-238a	238	96533	0.349	0.000	
|	U-235a	235	1136	2.945	0.000	
⌞>	U 236	236	3228	0.771	0.000	
	U 236-IS	236	3228	0.771	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.333				ng/L
	U	234	10.667				ng/L
	U	235	1136.045				ng/L
	U	238	96532.721				ng/L
	U 232	232	1578.087				ng/L
⌜	U-tot	238	30.258	**4866.361**	50.18	1.0	ng/L
|	U-238a	238	29.903	**4831.407**	51.07	1.1	ng/L
|	U-235a	235	0.352	**34.958**	1.17	3.3	ng/L
⌞>	U 236	236	3228.365				ng/L
	U 236-IS	236	3228.365	**99.231**	0.76	0.8	%R

Quantitative Analysis - Summary Report

Sample ID: ccv

Sample Date/Time: Wednesday, October 17, 2007 13:20:21
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\ccv.1282
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	86.603	0.000	
	U	234	29	10.415	0.000	
	U	235	4070	2.035	0.000	
	U	238	465298	0.515	0.000	
	U 232	232	680	5.590	0.000	
⌈	U-tot	238	469399	0.517	0.000	
|	U-238a	238	465298	0.515	0.000	
|	U-235a	235	4070	2.035	0.000	
⌊>	U 236	236	3167	1.528	0.000	
	U 236-IS	236	3167	1.528	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.667				ng/L
	U	234	29.333				ng/L
	U	235	4070.247				ng/L
	U	238	465298.288				ng/L
	U 232	232	680.350				ng/L
⌈	U-tot	238	148.221	**23916.533**	373.82	1.6	ng/L
|	U-238a	238	146.927	**23748.308**	374.42	1.6	ng/L
|	U-235a	235	1.285	**168.601**	1.58	0.9	ng/L
⌊>	U 236	236	3167.351				ng/L
	U 236-IS	236	3167.351	**97.356**	1.49	1.5	%R

Quantitative Analysis - Summary Report

Sample ID: ccb

Sample Date/Time: Wednesday, October 17, 2007 13:22:47
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\ccb.1283
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	0.000	0.000	
	U	234	5	20.000	0.000	
	U	235	373	7.298	0.000	
	U	238	533	4.921	0.000	
	U 232	232	824	2.409	0.000	
⌈	U-tot	238	912	3.517	0.000	
|	U-238a	238	533	4.921	0.000	
|	U-235a	235	373	7.298	0.000	
⌊>	U 236	236	3209	0.594	0.000	
	U 236-IS	236	3209	0.594	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.000				ng/L
	U	234	5.000				ng/L
	U	235	373.005				ng/L
	U	238	533.010				ng/L
	U 232	232	824.357				ng/L
⌈	U-tot	238	0.284	**25.765**	1.83	7.1	ng/L
|	U-238a	238	0.166	**24.429**	1.31	5.4	ng/L
|	U-235a	235	0.116	**1.216**	1.31	107.6	ng/L
⌊>	U 236	236	3209.360				ng/L
	U 236-IS	236	3209.360	**98.647**	0.59	0.6	%R

Quantitative Analysis - Summary Report

Sample ID: 306656 df1000

Sample Date/Time: Wednesday, October 17, 2007 13:29:37
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\306656 df1000.1284
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	100.000	0.000	
	U	234	11	15.746	0.000	
	U	235	1461	3.213	0.000	
	U	238	270165	1.035	0.000	
	U 232	232	13302	2.239	0.000	
⌈	U-tot	238	271638	1.047	0.000	
|	U-238a	238	270165	1.035	0.000	
|	U-235a	235	1461	3.213	0.000	
⌊>	U 236	236	3047	1.007	0.000	
	U 236-IS	236	3047	1.007	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.000				ng/L
	U	234	11.000				ng/L
	U	235	1461.075				ng/L
	U	238	270165.204				ng/L
	U 232	232	13301.859				ng/L
⌈	U-tot	238	89.162	**14378.841**	292.51	2.0	ng/L
|	U-238a	238	88.678	**14332.410**	289.56	2.0	ng/L
|	U-235a	235	0.480	**53.258**	2.86	5.4	ng/L
⌊>	U 236	236	3046.992				ng/L
	U 236-IS	236	3046.992	**93.656**	0.94	1.0	%R

Quantitative Analysis - Summary Report

Sample ID: 306656d df1000

Sample Date/Time: Wednesday, October 17, 2007 13:32:02
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\306656d df1000.1285
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	2	98.974	0.000	
	U	234	38	13.096	0.000	
	U	235	5047	0.905	0.000	
	U	238	1121151	0.657	0.000	
	U 232	232	52697	1.448	0.000	
⌈	U-tot	238	1126238	0.658	0.000	
|	U-238a	238	1121151	0.657	0.000	
|	U-235a	235	5047	0.905	0.000	
⌊>	U 236	236	3198	0.720	0.000	
	U 236-IS	236	3198	0.720	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	2.333				ng/L
	U	234	37.667				ng/L
	U	235	5047.225				ng/L
	U	238	1121150.910				ng/L
	U 232	232	52697.029				ng/L
⌈	U-tot	238	352.177	**56853.855**	494.58	0.9	ng/L
|	U-238a	238	350.586	**56669.820**	493.41	0.9	ng/L
|	U-235a	235	1.578	**210.595**	1.58	0.7	ng/L
⌊>	U 236	236	3198.025				ng/L
	U 236-IS	236	3198.025	**98.299**	0.71	0.7	%R

Quantitative Analysis - Summary Report

Sample ID: 306656l df5000

Sample Date/Time: Wednesday, October 17, 2007 13:34:27
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\306656l df5000.1286
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	86.603	0.000	
	U	234	7	17.321	0.000	
	U	235	624	2.734	0.000	
	U	238	58203	1.034	0.000	
	U 232	232	5815	2.839	0.000	
⌈	U-tot	238	58834	0.998	0.000	
|	U-238a	238	58203	1.034	0.000	
|	U-235a	235	624	2.734	0.000	
⌊>	U 236	236	3141	0.129	0.000	
	U 236-IS	236	3141	0.129	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.667				ng/L
	U	234	6.667				ng/L
	U	235	624.014				ng/L
	U	238	58203.000				ng/L
	U 232	232	5815.184				ng/L
⌈	U-tot	238	18.733	**3005.133**	32.93	1.1	ng/L
|	U-238a	238	18.532	**2993.300**	33.70	1.1	ng/L
|	U-235a	235	0.199	**13.020**	0.74	5.7	ng/L
⌊>	U 236	236	3140.679				ng/L
	U 236-IS	236	3140.679	**96.536**	0.12	0.1	%R

Quantitative Analysis - Summary Report

Sample ID: 306656s df2000

Sample Date/Time: Wednesday, October 17, 2007 13:36:52
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\306656s df2000.1287
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	3	45.826	0.000	
	U	234	15	29.059	0.000	
	U	235	1182	2.297	0.000	
	U	238	191994	0.868	0.000	
	U 232	232	8418	0.702	0.000	
⌈	U-tot	238	193195	0.875	0.000	
|	U-238a	238	191994	0.868	0.000	
|	U-235a	235	1182	2.297	0.000	
⌊>	U 236	236	3112	1.199	0.000	
	U 236-IS	236	3112	1.199	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	3.333				ng/L
	U	234	15.000				ng/L
	U	235	1182.382				ng/L
	U	238	191993.944				ng/L
	U 232	232	8418.480				ng/L
⌈	U-tot	238	62.077	**10004.924**	105.33	1.1	ng/L
|	U-238a	238	61.692	**9970.039**	104.51	1.0	ng/L
|	U-235a	235	0.380	**38.974**	1.11	2.8	ng/L
⌊>	U 236	236	3112.339				ng/L
	U 236-IS	236	3112.339	**95.665**	1.15	1.2	%R

Quantitative Analysis - Summary Report

Sample ID: 306656sd df2000

Sample Date/Time: Wednesday, October 17, 2007 13:39:18
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\306656sd df2000.1288
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	7	70.887	0.000	
	U	234	14	33.796	0.000	
	U	235	1736	2.644	0.000	
	U	238	329791	0.760	0.000	
	U 232	232	16462	1.788	0.000	
⌈	U-tot	238	331548	0.767	0.000	
|	U-238a	238	329791	0.760	0.000	
|	U-235a	235	1736	2.644	0.000	
⌊>	U 236	236	3150	2.233	0.000	
	U 236-IS	236	3150	2.233	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	6.667				ng/L
	U	234	13.667				ng/L
	U	235	1736.106				ng/L
	U	238	329791.386				ng/L
	U 232	232	16462.482				ng/L
⌈	U-tot	238	105.287	**16982.973**	253.06	1.5	ng/L
|	U-238a	238	104.729	**16927.108**	253.75	1.5	ng/L
|	U-235a	235	0.551	**63.509**	1.35	2.1	ng/L
⌊>	U 236	236	3149.681				ng/L
	U 236-IS	236	3149.681	**96.813**	2.16	2.2	%R

Quantitative Analysis - Summary Report

Sample ID: 306657 df1000

Sample Date/Time: Wednesday, October 17, 2007 13:41:43
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\306657 df1000.1289
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	2	69.282	0.000	
	U	234	15	16.413	0.000	
	U	235	1899	2.783	0.000	
	U	238	364030	0.611	0.000	
	U 232	232	17366	1.082	0.000	
⌜	U-tot	238	365946	0.600	0.000	
|	U-238a	238	364030	0.611	0.000	
|	U-235a	235	1899	2.783	0.000	
⌞>	U 236	236	3166	1.009	0.000	
	U 236-IS	236	3166	1.009	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.667				ng/L
	U	234	15.333				ng/L
	U	235	1899.126				ng/L
	U	238	364030.223				ng/L
	U 232	232	17365.549				ng/L
⌜	U-tot	238	115.584	**18645.910**	274.56	1.5	ng/L
|	U-238a	238	114.979	**18583.971**	273.91	1.5	ng/L
|	U-235a	235	0.600	**70.474**	2.75	3.9	ng/L
⌞>	U 236	236	3166.351				ng/L
	U 236-IS	236	3166.351	**97.325**	0.98	1.0	%R

Quantitative Analysis - Summary Report

Sample ID: 306658 df1000

Sample Date/Time: Wednesday, October 17, 2007 13:44:09
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\306658 df1000.1290
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	2	89.214	0.000	
	U	234	18	5.556	0.000	
	U	235	1891	0.799	0.000	
	U	238	360286	0.966	0.000	
	U 232	232	17066	0.487	0.000	
⌜	U-tot	238	362197	0.964	0.000	
|	U-238a	238	360286	0.966	0.000	
|	U-235a	235	1891	0.799	0.000	
⌞>	U 236	236	3220	2.518	0.000	
	U 236-IS	236	3220	2.518	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	2.333				ng/L
	U	234	18.000				ng/L
	U	235	1891.125				ng/L
	U	238	360285.562				ng/L
	U 232	232	17065.521				ng/L
⌜	U-tot	238	112.528	**18152.311**	343.55	1.9	ng/L
|	U-238a	238	111.934	**18091.729**	342.25	1.9	ng/L
|	U-235a	235	0.588	**68.710**	1.45	2.1	ng/L
⌞>	U 236	236	3219.696				ng/L
	U 236-IS	236	3219.696	**98.965**	2.49	2.5	%R

Quantitative Analysis - Summary Report

Sample ID: cri

Sample Date/Time: Wednesday, October 17, 2007 13:46:36
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\cri.1291
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	43.301	0.000	
	U	234	11	30.987	0.000	
	U	235	1109	1.262	0.000	
	U	238	92012	0.318	0.000	
	U 232	232	456	8.761	0.000	
⌈	U-tot	238	93134	0.303	0.000	
|	U-238a	238	92012	0.318	0.000	
|	U-235a	235	1109	1.262	0.000	
⌊>	U 236	236	3138	1.610	0.000	
	U 236-IS	236	3138	1.610	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.333				ng/L
	U	234	11.333				ng/L
	U	235	1109.043				ng/L
	U	238	92012.035				ng/L
	U 232	232	456.007				ng/L
⌈	U-tot	238	29.687	**4774.025**	62.29	1.3	ng/L
|	U-238a	238	29.329	**4738.605**	60.88	1.3	ng/L
|	U-235a	235	0.354	**35.201**	1.37	3.9	ng/L
⌊>	U 236	236	3137.678				ng/L
	U 236-IS	236	3137.678	**96.444**	1.55	1.6	%R

Quantitative Analysis - Summary Report

Sample ID: ccv

Sample Date/Time: Wednesday, October 17, 2007 13:53:26
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\ccv.1292
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	0		0.000	
	U	234	42	13.010	0.000	
	U	235	3986	0.590	0.000	
	U	238	454395	0.365	0.000	
	U 232	232	223	11.098	0.000	
⌜	U-tot	238	458423	0.356	0.000	
|	U-238a	238	454395	0.365	0.000	
|	U-235a	235	3986	0.590	0.000	
⌞>	U 236	236	3120	2.762	0.000	
	U 236-IS	236	3120	2.762	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.000				ng/L
	U	234	42.333				ng/L
	U	235	3985.556				ng/L
	U	238	454394.878				ng/L
	U 232	232	223.335				ng/L
⌜	U-tot	238	146.989	**23717.485**	659.59	2.8	ng/L
|	U-238a	238	145.697	**23549.550**	654.80	2.8	ng/L
|	U-235a	235	1.278	**167.588**	5.30	3.2	ng/L
⌞>	U 236	236	3120.341				ng/L
	U 236-IS	236	3120.341	**95.911**	2.65	2.8	%R

Quantitative Analysis - Summary Report

Sample ID: ccb

Sample Date/Time: Wednesday, October 17, 2007 13:55:53
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\ccb.1293
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	0		0.000	
	U	234	8	19.924	0.000	
	U	235	366	9.080	0.000	
	U	238	294	2.189	0.000	
	U 232	232	203	8.064	0.000	
⌜	U-tot	238	668	4.576	0.000	
|	U-238a	238	294	2.189	0.000	
|	U-235a	235	366	9.080	0.000	
⌞>	U 236	236	3193	1.464	0.000	
	U 236-IS	236	3193	1.464	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.000				ng/L
	U	234	7.667				ng/L
	U	235	366.338				ng/L
	U	238	293.670				ng/L
	U 232	232	203.001				ng/L
⌜	U-tot	238	0.209	**13.627**	1.11	8.1	ng/L
|	U-238a	238	0.092	**12.452**	0.37	3.0	ng/L
|	U-235a	235	0.115	**0.987**	1.29	130.5	ng/L
⌞>	U 236	236	3193.024				ng/L
	U 236-IS	236	3193.024	**98.145**	1.44	1.5	%R

Quantitative Analysis - Summary Report

Sample ID: pbw-k17b1

Sample Date/Time: Wednesday, October 17, 2007 13:58:21
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\pbw-k17b1.1294
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	86.603	0.000	
	U	234	6	24.119	0.000	
	U	235	368	3.086	0.000	
	U	238	123	4.183	0.000	
	U 232	232	545	2.393	0.000	
⌜	U-tot	238	498	2.736	0.000	
|	U-238a	238	123	4.183	0.000	
|	U-235a	235	368	3.086	0.000	
⌞>	U 236	236	3196	0.864	0.000	
	U 236-IS	236	3196	0.864	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.667				ng/L
	U	234	6.333				ng/L
	U	235	368.005				ng/L
	U	238	122.667				ng/L
	U 232	232	545.344				ng/L
⌜	U-tot	238	0.156	**5.012**	0.69	13.8	ng/L
|	U-238a	238	0.038	**3.785**	0.21	5.5	ng/L
|	U-235a	235	0.115	**1.056**	0.56	52.7	ng/L
⌞>	U 236	236	3196.358				ng/L
	U 236-IS	236	3196.358	**98.248**	0.85	0.9	%R

Quantitative Analysis - Summary Report

Sample ID: lcsw-k17b1

Sample Date/Time: Wednesday, October 17, 2007 14:00:48
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Added 50µl of adf100 of Natural Uranium Rad ID # 043 Rad-sd2 (exp. 4/6/08) to 5mL difH_2O.
TV = 15135 ppt in Soln.
CB 10/17/07

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\lcsw-k17b1.1295
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	0	173.205	0.000	
	U	234	22	22.727	0.000	
	U	235	2818	1.524	0.000	
	U	238	302084	0.624	0.000	
	U 232	232	354	1.695	0.000	
⌈	U-tot	238	304924	0.617	0.000	
|	U-238a	238	302084	0.624	0.000	
|	U-235a	235	2818	1.524	0.000	
⌊>	U 236	236	3198	0.747	0.000	
	U 236-IS	236	3198	0.747	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.333				ng/L
	U	234	22.000				ng/L
	U	235	2818.278				ng/L
	U	238	302083.572				ng/L
	U 232	232	354.004				ng/L
⌈	U-tot	238	95.338	**15376.340**	35.88	0.2	ng/L
|	U-238a	238	94.450	**15265.478**	36.91	0.2	ng/L
|	U-235a	235	0.881	**110.765**	1.97	1.8	ng/L
⌊>	U 236	236	3198.358				ng/L
	U 236-IS	236	3198.358	**98.309**	0.73	0.7	%R

Quantitative Analysis - Summary Report

Sample ID: 304218 df10

Sample Date/Time: Wednesday, October 17, 2007 14:03:16
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304218 df10.1296
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	86.603	0.000	
	U	234	23	25.112	0.000	
	U	235	3319	0.769	0.000	
	U	238	868610	0.431	0.000	
	U 232	232	213	15.336	0.000	
⌈	U-tot	238	871955	0.426	0.000	
|	U-238a	238	868610	0.431	0.000	
|	U-235a	235	3319	0.769	0.000	
⌊>	U 236	236	3371	0.953	0.000	
	U 236-IS	236	3371	0.953	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.333				ng/L
	U	234	23.333				ng/L
	U	235	3319.386				ng/L
	U	238	868610.456				ng/L
	U 232	232	213.335				ng/L
⌈	U-tot	238	258.667	**41752.748**	220.61	0.5	ng/L
|	U-238a	238	257.675	**41650.776**	217.79	0.5	ng/L
|	U-235a	235	0.985	**125.601**	2.43	1.9	ng/L
⌊>	U 236	236	3371.064				ng/L
	U 236-IS	236	3371.064	**103.618**	0.99	1.0	%R

Quantitative Analysis - Summary Report

Sample ID: 304219 df10

Sample Date/Time: Wednesday, October 17, 2007 14:05:43
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304219 df10.1297
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	2	34.641	0.000	
	U	234	13	27.735	0.000	
	U	235	2436	0.974	0.000	
	U	238	814990	0.216	0.000	
	U 232	232	171	8.830	0.000	
⌈	U-tot	238	817441	0.213	0.000	
|	U-238a	238	814990	0.216	0.000	
|	U-235a	235	2436	0.974	0.000	
⌊>	U 236	236	3276	0.428	0.000	
	U 236-IS	236	3276	0.428	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.667				ng/L
	U	234	13.000				ng/L
	U	235	2435.874				ng/L
	U	238	814989.973				ng/L
	U 232	232	171.001				ng/L
⌈	U-tot	238	249.548	**40280.017**	91.06	0.2	ng/L
|	U-238a	238	248.800	**40216.051**	89.81	0.2	ng/L
|	U-235a	235	0.744	**91.067**	1.45	1.6	ng/L
⌊>	U 236	236	3275.709				ng/L
	U 236-IS	236	3275.709	**100.687**	0.43	0.4	%R

Quantitative Analysis - Summary Report

Sample ID: 304220 df200 10 CB 10/17/07

Sample Date/Time: Wednesday, October 17, 2007 14:08:11
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304220 df200.1298
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

CB 10/17/07

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	43.301	0.000	
	U	234	71	14.705	0.000	
	U	235	16139	1.079	0.000	
	U	238	-6973522	0.490	0.000	
	U 232	232	161	11.232	0.000	
⌜	U-tot	238	-6957311	0.489	0.000	
|	U-238a	238	-6973522	0.490	0.000	
|	U-235a	235	16139	1.079	0.000	
⌞>	U 236	236	3288	3.236	0.000	
	U 236-IS	236	3288	3.236	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.333				ng/L
	U	234	71.000				ng/L
	U	235	16139.446				ng/L
	U	238	-6973522.291				ng/L
	U 232	232	161.001				ng/L
⌜	U-tot	238	-2117.433	**-341970.301**	9575.55	2.8	ng/L
|	U-238a	238	-2122.367	**-343083.165**	9604.65	2.8	ng/L
|	U-235a	235	4.912	**687.989**	18.13	2.6	ng/L
⌞>	U 236	236	3287.712				ng/L
	U 236-IS	236	3287.712	**101.056**	3.27	3.2	%R

Quantitative Analysis - Summary Report

Sample ID: 304221 df10

Sample Date/Time: Wednesday, October 17, 2007 14:10:39
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304221 df10.1299
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	2	124.900	0.000	
	U	234	22	19.813	0.000	
	U	235	3285	1.875	0.000	
	U	238	937267	0.219	0.000	
	U 232	232	137	11.919	0.000	
⌈	U-tot	238	940576	0.215	0.000	
|	U-238a	238	937267	0.219	0.000	
|	U-235a	235	3285	1.875	0.000	
⌊>	U 236	236	3451	2.432	0.000	
	U 236-IS	236	3451	2.432	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.667				ng/L
	U	234	22.000				ng/L
	U	235	3285.044				ng/L
	U	238	937267.290				ng/L
	U 232	232	136.667				ng/L
⌈	U-tot	238	272.671	**44014.212**	988.39	2.2	ng/L
|	U-238a	238	271.711	**43919.736**	984.17	2.2	ng/L
|	U-235a	235	0.952	**120.976**	4.98	4.1	ng/L
⌊>	U 236	236	3450.750				ng/L
	U 236-IS	236	3450.750	**106.067**	2.58	2.4	%R

Quantitative Analysis - Summary Report

Sample ID: 304222 df10

Sample Date/Time: Wednesday, October 17, 2007 14:13:06
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304222 df10.1300
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	86.603	0.000	
	U	234	17	17.625	0.000	
	U	235	2497	1.164	0.000	
	U	238	840252	0.275	0.000	
	U 232	232	120	6.821	0.000	
⌈	U-tot	238	842767	0.272	0.000	
|	U-238a	238	840252	0.275	0.000	
|	U-235a	235	2497	1.164	0.000	
⌊>	U 236	236	3330	2.294	0.000	
	U 236-IS	236	3330	2.294	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.667				ng/L
	U	234	17.333				ng/L
	U	235	2497.218				ng/L
	U	238	840251.625				ng/L
	U 232	232	120.001				ng/L
⌈	U-tot	238	253.183	**40867.080**	830.29	2.0	ng/L
|	U-238a	238	252.427	**40802.455**	827.42	2.0	ng/L
|	U-235a	235	0.750	**92.023**	3.34	3.6	ng/L
⌊>	U 236	236	3329.721				ng/L
	U 236-IS	236	3329.721	**102.347**	2.35	2.3	%R

Quantitative Analysis - Summary Report

Sample ID: 304223 df10

Sample Date/Time: Wednesday, October 17, 2007 14:15:34
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304223 df10.1301
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	2	69.282	0.000	
	U	234	19	20.282	0.000	
	U	235	3373	2.096	0.000	
	U	238	1252670	0.547	0.000	
	U 232	232	110	15.430	0.000	
⌈	U-tot	238	1256063	0.539	0.000	
|	U-238a	238	1252670	0.547	0.000	
|	U-235a	235	3373	2.096	0.000	
⌊>	U 236	236	3270	0.645	0.000	
	U 236-IS	236	3270	0.645	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.667				ng/L
	U	234	18.667				ng/L
	U	235	3372.732				ng/L
	U	238	1252669.854				ng/L
	U 232	232	109.667				ng/L
⌈	U-tot	238	384.115	**62011.662**	184.38	0.3	ng/L
|	U-238a	238	383.077	**61922.045**	182.67	0.3	ng/L
|	U-235a	235	1.032	**132.296**	4.03	3.0	ng/L
⌊>	U 236	236	3270.041				ng/L
	U 236-IS	236	3270.041	**100.512**	0.65	0.6	%R

Quantitative Analysis - Summary Report

Sample ID: 304224 df200

Sample Date/Time: Wednesday, October 17, 2007 14:18:02
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304224 df200.1302
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	86.603	0.000	
	U	234	10	31.604	0.000	
	U	235	1115	2.357	0.000	
	U	238	197739	0.471	0.000	
	U 232	232	118	8.077	0.000	
⌈	U-tot	238	198865	0.475	0.000	
|	U-238a	238	197739	0.471	0.000	
|	U-235a	235	1115	2.357	0.000	
⌊>	U 236	236	3274	2.060	0.000	
	U 236-IS	236	3274	2.060	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.667				ng/L
	U	234	9.667				ng/L
	U	235	1114.710				ng/L
	U	238	197739.478				ng/L
	U 232	232	117.667				ng/L
⌈	U-tot	238	60.755	**9791.337**	250.20	2.6	ng/L
|	U-238a	238	60.411	**9763.043**	248.65	2.5	ng/L
|	U-235a	235	0.341	**33.341**	1.81	5.4	ng/L
⌊>	U 236	236	3274.375				ng/L
	U 236-IS	236	3274.375	**100.646**	2.07	2.1	%R

Quantitative Analysis - Summary Report

Sample ID: cri

Sample Date/Time: Wednesday, October 17, 2007 14:20:28
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\cri.1303
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	0		0.000	
	U	234	14	35.802	0.000	
	U	235	1152	1.724	0.000	
	U	238	92757	0.648	0.000	
	U 232	232	31	20.145	0.000	
⌈	U-tot	238	93923	0.664	0.000	
|	U-238a	238	92757	0.648	0.000	
|	U-235a	235	1152	1.724	0.000	
⌊>	U 236	236	3206	1.601	0.000	
	U 236-IS	236	3206	1.601	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.000				ng/L
	U	234	14.333				ng/L
	U	235	1151.713				ng/L
	U	238	92756.835				ng/L
	U 232	232	31.000				ng/L
⌈	U-tot	238	29.302	**4711.915**	49.62	1.1	ng/L
|	U-238a	238	28.938	**4675.440**	49.47	1.1	ng/L
|	U-235a	235	0.359	**36.019**	0.36	1.0	ng/L
⌊>	U 236	236	3205.693				ng/L
	U 236-IS	236	3205.693	**98.535**	1.58	1.6	%R

Quantitative Analysis - Summary Report

Sample ID: ccv

Sample Date/Time: Wednesday, October 17, 2007 14:22:55
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\ccv.1304
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	0	173.205	0.000	
	U	234	33	8.660	0.000	
	U	235	4028	1.285	0.000	
	U	238	456407	0.544	0.000	
	U 232	232	22	27.649	0.000	
⌈	U-tot	238	460469	0.550	0.000	
|	U-238a	238	456407	0.544	0.000	
|	U-235a	235	4028	1.285	0.000	
⌊>	U 236	236	3122	2.800	0.000	
	U 236-IS	236	3122	2.800	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.333				ng/L
	U	234	33.333				ng/L
	U	235	4027.568				ng/L
	U	238	456407.269				ng/L
	U 232	232	22.000				ng/L
⌈	U-tot	238	147.563	**23810.154**	630.93	2.6	ng/L
|	U-238a	238	146.261	**23640.701**	625.88	2.6	ng/L
|	U-235a	235	1.291	**169.411**	5.30	3.1	ng/L
⌊>	U 236	236	3122.008				ng/L
	U 236-IS	236	3122.008	**95.962**	2.69	2.8	%R

Quantitative Analysis - Summary Report

Sample ID: ccb

Sample Date/Time: Wednesday, October 17, 2007 14:25:21
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\ccb.1305
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	43.301	0.000	
	U	234	6	55.451	0.000	
	U	235	359	4.082	0.000	
	U	238	328	4.287	0.000	
	U 232	232	26	22.154	0.000	
⌜	U-tot	238	694	1.662	0.000	
|	U-238a	238	328	4.287	0.000	
|	U-235a	235	359	4.082	0.000	
⌞>	U 236	236	3133	1.917	0.000	
	U 236-IS	236	3133	1.917	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.333				ng/L
	U	234	6.333				ng/L
	U	235	358.671				ng/L
	U	238	327.670				ng/L
	U 232	232	25.667				ng/L
⌜	U-tot	238	0.222	**15.645**	0.09	0.6	ng/L
|	U-238a	238	0.105	**14.489**	0.59	4.1	ng/L
|	U-235a	235	0.115	**0.964**	0.64	66.0	ng/L
⌞>	U 236	236	3132.677				ng/L
	U 236-IS	236	3132.677	**96.290**	1.85	1.9	%R

Quantitative Analysis - Summary Report

Sample ID: 304224d df200

Sample Date/Time: Wednesday, October 17, 2007 14:27:48
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304224d df200.1306
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	2	91.652	0.000	
	U	234	11	42.274	0.000	
	U	235	1123	2.391	0.000	
	U	238	197833	0.322	0.000	
	U 232	232	92	6.008	0.000	
⌈	U-tot	238	198968	0.316	0.000	
|	U-238a	238	197833	0.322	0.000	
|	U-235a	235	1123	2.391	0.000	
⌊>	U 236	236	3144	1.050	0.000	
	U 236-IS	236	3144	1.050	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.667				ng/L
	U	234	10.667				ng/L
	U	235	1123.044				ng/L
	U	238	197833.084				ng/L
	U 232	232	91.667				ng/L
⌈	U-tot	238	63.295	**10201.554**	80.58	0.8	ng/L
|	U-238a	238	62.934	**10170.841**	80.69	0.8	ng/L
|	U-235a	235	0.357	**35.731**	1.28	3.6	ng/L
⌊>	U 236	236	3143.679				ng/L
	U 236-IS	236	3143.679	**96.628**	1.01	1.1	%R

Quantitative Analysis - Summary Report

Sample ID: 304225 df200

Sample Date/Time: Wednesday, October 17, 2007 14:30:16
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304225 df200.1307
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	0	173.205	0.000	
	U	234	10	27.936	0.000	
	U	235	1072	2.753	0.000	
	U	238	196747	0.401	0.000	
	U 232	232	87	5.329	0.000	
⌈	U-tot	238	197830	0.392	0.000	
|	U-238a	238	196747	0.401	0.000	
|	U-235a	235	1072	2.753	0.000	
⌊>	U 236	236	3188	1.366	0.000	
	U 236-IS	236	3188	1.366	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.333				ng/L
	U	234	10.333				ng/L
	U	235	1072.040				ng/L
	U	238	196747.247				ng/L
	U 232	232	86.667				ng/L
⌈	U-tot	238	62.058	**10001.710**	175.65	1.8	ng/L
|	U-238a	238	61.718	**9974.289**	175.45	1.8	ng/L
|	U-235a	235	0.336	**32.723**	1.31	4.0	ng/L
⌊>	U 236	236	3188.356				ng/L
	U 236-IS	236	3188.356	**98.002**	1.34	1.4	%R

Quantitative Analysis - Summary Report

Sample ID: 304225s df200

Sample Date/Time: Wednesday, October 17, 2007 14:32:43
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304225s df200.1308
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Added 50µl of a df 100 of Natural Uranium Rad ID # 043-Rad-512 (exp. 4/6/08) to 5mL of a df200 of sample 304225. TV = 15135 ppt. in soln.

CB 10/17/07

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	0	173.205	0.000	
	U	234	28	14.264	0.000	
	U	235	3484	3.635	0.000	
	U	238	494691	0.513	0.000	
	U 232	232	86	4.099	0.000	
⌈	U-tot	238	498204	0.509	0.000	
|	U-238a	238	494691	0.513	0.000	
|	U-235a	235	3484	3.635	0.000	
⌊>	U 236	236	3267	0.858	0.000	
	U 236-IS	236	3267	0.858	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.333				ng/L
	U	234	28.333				ng/L
	U	235	3483.758				ng/L
	U	238	494691.213				ng/L
	U 232	232	85.667				ng/L
⌈	U-tot	238	152.521	**24610.936**	334.19	1.4	ng/L
|	U-238a	238	151.446	**24478.835**	334.27	1.4	ng/L
|	U-235a	235	1.066	**137.295**	5.26	3.8	ng/L
⌊>	U 236	236	3266.707				ng/L
	U 236-IS	236	3266.707	**100.410**	0.86	0.9	%R

Quantitative Analysis - Summary Report

Sample ID: 304226 df200

Sample Date/Time: Wednesday, October 17, 2007 14:35:11
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304226 df200.1309
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	0	173.205	0.000	
	U	234	11	28.641	0.000	
	U	235	1094	3.082	0.000	
	U	238	197940	0.205	0.000	
	U 232	232	61	16.332	0.000	
⌈	U-tot	238	199045	0.191	0.000	
|	U-238a	238	197940	0.205	0.000	
|	U-235a	235	1094	3.082	0.000	
⌊>	U 236	236	3172	0.992	0.000	
	U 236-IS	236	3172	0.992	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.333				ng/L
	U	234	10.667				ng/L
	U	235	1093.709				ng/L
	U	238	197939.876				ng/L
	U 232	232	61.333				ng/L
⌈	U-tot	238	62.760	**10115.165**	81.73	0.8	ng/L
|	U-238a	238	62.412	**10086.436**	79.86	0.8	ng/L
|	U-235a	235	0.345	**33.962**	1.91	5.6	ng/L
⌊>	U 236	236	3171.685				ng/L
	U 236-IS	236	3171.685	**97.489**	0.97	1.0	%R

Quantitative Analysis - Summary Report

Sample ID: 304227 df200

Sample Date/Time: Wednesday, October 17, 2007 14:37:39
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304227 df200.1310
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	0	173.205	0.000	
	U	234	15	37.552	0.000	
	U	235	1106	3.674	0.000	
	U	238	200542	0.848	0.000	
	U 232	232	76	10.265	0.000	
⌜	U-tot	238	201663	0.865	0.000	
|	U-238a	238	200542	0.848	0.000	
|	U-235a	235	1106	3.674	0.000	
⌞>	U 236	236	3231	0.781	0.000	
	U 236-IS	236	3231	0.781	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.333				ng/L
	U	234	14.667				ng/L
	U	235	1106.043				ng/L
	U	238	200541.851				ng/L
	U 232	232	75.667				ng/L
⌜	U-tot	238	62.413	**10059.040**	154.05	1.5	ng/L
|	U-238a	238	62.066	**10030.484**	152.01	1.5	ng/L
|	U-235a	235	0.342	**33.594**	2.04	6.1	ng/L
⌞>	U 236	236	3231.365				ng/L
	U 236-IS	236	3231.365	**99.324**	0.78	0.8	%R

Quantitative Analysis - Summary Report

Sample ID: 304228 df200

Sample Date/Time: Wednesday, October 17, 2007 14:40:07
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304228 df200.1311
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	173.205	0.000	
	U	234	26	12.524	0.000	
	U	235	3186	3.091	0.000	
	U	238	783305	0.218	0.000	
	U 232	232	64	16.313	0.000	
⌈	U-tot	238	786517	0.221	0.000	
|	U-238a	238	783305	0.218	0.000	
|	U-235a	235	3186	3.091	0.000	
⌊>	U 236	236	3319	0.493	0.000	
	U 236-IS	236	3319	0.493	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.667				ng/L
	U	234	25.667				ng/L
	U	235	3185.689				ng/L
	U	238	783305.205				ng/L
	U 232	232	64.000				ng/L
⌈	U-tot	238	236.952	**38245.932**	273.48	0.7	ng/L
|	U-238a	238	235.984	**38144.487**	270.97	0.7	ng/L
|	U-235a	235	0.960	**122.021**	4.57	3.7	ng/L
⌊>	U 236	236	3319.386				ng/L
	U 236-IS	236	3319.386	**102.029**	0.50	0.5	%R

Quantitative Analysis - Summary Report

Sample ID: 304229 df200

Sample Date/Time: Wednesday, October 17, 2007 14:42:34
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304229 df200.1312
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	4	15.746	0.000	
	U	234	28	18.558	0.000	
	U	235	2650	1.314	0.000	
	U	238	631288	0.268	0.000	
	U 232	232	62	4.267	0.000	
⌜	U-tot	238	633970	0.272	0.000	
|	U-238a	238	631288	0.268	0.000	
|	U-235a	235	2650	1.314	0.000	
⌞>	U 236	236	3367	0.464	0.000	
	U 236-IS	236	3367	0.464	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	3.667				ng/L
	U	234	28.000				ng/L
	U	235	2650.246				ng/L
	U	238	631287.889				ng/L
	U 232	232	62.000				ng/L
⌜	U-tot	238	188.269	**30383.994**	141.51	0.5	ng/L
|	U-238a	238	187.473	**30302.581**	141.53	0.5	ng/L
|	U-235a	235	0.787	**97.280**	1.21	1.2	ng/L
⌞>	U 236	236	3367.397				ng/L
	U 236-IS	236	3367.397	**103.505**	0.48	0.5	%R

Quantitative Analysis - Summary Report

Sample ID: 304230 df200

Sample Date/Time: Wednesday, October 17, 2007 14:45:02
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304230 df200.1313
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	3	57.282	0.000	
	U	234	17	21.842	0.000	
	U	235	1889	4.762	0.000	
	U	238	435014	0.144	0.000	
	U 232	232	54	4.900	0.000	
⌜	U-tot	238	436923	0.159	0.000	
|	U-238a	238	435014	0.144	0.000	
|	U-235a	235	1889	4.762	0.000	
⌞>	U 236	236	3227	0.563	0.000	
	U 236-IS	236	3227	0.563	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	2.667				ng/L
	U	234	17.333				ng/L
	U	235	1889.458				ng/L
	U	238	435013.979				ng/L
	U 232	232	54.000				ng/L
⌜	U-tot	238	135.412	**21847.893**	131.44	0.6	ng/L
|	U-238a	238	134.820	**21791.255**	132.40	0.6	ng/L
|	U-235a	235	0.586	**68.423**	3.78	5.5	ng/L
⌞>	U 236	236	3226.698				ng/L
	U 236-IS	236	3226.698	**99.180**	0.56	0.6	%R

Quantitative Analysis - Summary Report

Sample ID: 304231 df500

Sample Date/Time: Wednesday, October 17, 2007 14:47:30
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304231 df500.1314
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	2	34.641	0.000	
	U	234	23	17.321	0.000	
	U	235	2476	2.720	0.000	
	U	238	562858	0.522	0.000	
	U 232	232	46	17.311	0.000	
⌜	U-tot	238	565359	0.531	0.000	
|	U-238a	238	562858	0.522	0.000	
|	U-235a	235	2476	2.720	0.000	
⌞>	U 236	236	3349	2.150	0.000	
	U 236-IS	236	3349	2.150	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.667				ng/L
	U	234	23.333				ng/L
	U	235	2475.881				ng/L
	U	238	562857.954				ng/L
	U 232	232	46.333				ng/L
⌜	U-tot	238	168.851	**27248.006**	443.13	1.6	ng/L
|	U-238a	238	168.104	**27171.574**	443.86	1.6	ng/L
|	U-235a	235	0.739	**90.437**	1.20	1.3	ng/L
⌞>	U 236	236	3349.059				ng/L
	U 236-IS	236	3349.059	**102.941**	2.21	2.2	%R

Quantitative Analysis - Summary Report

Sample ID: cri

Sample Date/Time: Wednesday, October 17, 2007 14:49:57
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\cri.1315
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	0	173.205	0.000	
	U	234	10	31.109	0.000	
	U	235	1105	1.228	0.000	
	U	238	91372	0.313	0.000	
	U 232	232	18	27.991	0.000	
⌜	U-tot	238	92488	0.301	0.000	
|	U-238a	238	91372	0.313	0.000	
|	U-235a	235	1105	1.228	0.000	
⌞>	U 236	236	3140	3.052	0.000	
	U 236-IS	236	3140	3.052	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.333				ng/L
	U	234	10.333				ng/L
	U	235	1105.376				ng/L
	U	238	91371.611				ng/L
	U 232	232	18.333				ng/L
⌜	U-tot	238	29.471	**4739.201**	154.75	3.3	ng/L
|	U-238a	238	29.115	**4704.058**	152.73	3.2	ng/L
|	U-235a	235	0.352	**35.017**	2.06	5.9	ng/L
⌞>	U 236	236	3140.345				ng/L
	U 236-IS	236	3140.345	**96.526**	2.95	3.1	%R

Quantitative Analysis - Summary Report

Sample ID: ccv

Sample Date/Time: Wednesday, October 17, 2007 14:52:23
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\ccv.1316
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	173.205	0.000	
	U	234	37	17.221	0.000	
	U	235	4008	1.648	0.000	
	U	238	451470	0.860	0.000	
	U 232	232	11	27.063	0.000	
⌈	U-tot	238	455516	0.841	0.000	
|	U-238a	238	451470	0.860	0.000	
|	U-235a	235	4008	1.648	0.000	
⌊>	U 236	236	3100	0.635	0.000	
	U 236-IS	236	3100	0.635	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.333				ng/L
	U	234	37.333				ng/L
	U	235	4007.896				ng/L
	U	238	451469.907				ng/L
	U 232	232	10.667				ng/L
⌈	U-tot	238	146.932	**23708.263**	308.71	1.3	ng/L
|	U-238a	238	145.626	**23538.113**	311.30	1.3	ng/L
|	U-235a	235	1.293	**169.698**	2.02	1.2	ng/L
⌊>	U 236	236	3100.336				ng/L
	U 236-IS	236	3100.336	**95.296**	0.61	0.6	%R

Quantitative Analysis - Summary Report

Sample ID: ccb

Sample Date/Time: Wednesday, October 17, 2007 14:54:50
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\ccb.1317
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	86.603	0.000	
	U	234	4	56.773	0.000	
	U	235	377	3.408	0.000	
	U	238	310	1.779	0.000	
	U 232	232	14	14.523	0.000	
⌜	U-tot	238	691	2.839	0.000	
|	U-238a	238	310	1.779	0.000	
|	U-235a	235	377	3.408	0.000	
⌞>	U 236	236	3086	0.798	0.000	
	U 236-IS	236	3086	0.798	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.667				ng/L
	U	234	3.667				ng/L
	U	235	377.338				ng/L
	U	238	309.670				ng/L
	U 232	232	14.333				ng/L
⌜	U-tot	238	0.224	**16.044**	1.09	6.8	ng/L
|	U-238a	238	0.100	**13.804**	0.38	2.8	ng/L
|	U-235a	235	0.122	**2.076**	0.61	29.2	ng/L
⌞>	U 236	236	3086.333				ng/L
	U 236-IS	236	3086.333	**94.866**	0.76	0.8	%R

Quantitative Analysis - Summary Report

Sample ID: 304232 df500

Sample Date/Time: Wednesday, October 17, 2007 14:57:17
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304232 df500.1318
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	43.301	0.000	
	U	234	17	10.189	0.000	
	U	235	2362	1.419	0.000	
	U	238	558703	0.534	0.000	
	U 232	232	44	7.873	0.000	
⌈	U-tot	238	561083	0.527	0.000	
|	U-238a	238	558703	0.534	0.000	
|	U-235a	235	2362	1.419	0.000	
⌊>	U 236	236	3168	1.218	0.000	
	U 236-IS	236	3168	1.218	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.333				ng/L
	U	234	17.000				ng/L
	U	235	2361.529				ng/L
	U	238	558702.866				ng/L
	U 232	232	44.000				ng/L
⌈	U-tot	238	177.115	**28582.627**	497.76	1.7	ng/L
|	U-238a	238	176.364	**28506.777**	497.93	1.7	ng/L
|	U-235a	235	0.745	**91.315**	1.29	1.4	ng/L
⌊>	U 236	236	3168.351				ng/L
	U 236-IS	236	3168.351	**97.387**	1.19	1.2	%R

Quantitative Analysis - Summary Report

Sample ID: cri

Sample Date/Time: Wednesday, October 17, 2007 14:59:44
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\cri.1319
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	173.205	0.000	
	U	234	14	48.719	0.000	
	U	235	1089	2.055	0.000	
	U	238	90527	0.291	0.000	
	U 232	232	19	15.789	0.000	
⌈	U-tot	238	91630	0.310	0.000	
|	U-238a	238	90527	0.291	0.000	
|	U-235a	235	1089	2.055	0.000	
⌊>	U 236	236	3058	2.893	0.000	
	U 236-IS	236	3058	2.893	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.000				ng/L
	U	234	13.667				ng/L
	U	235	1088.708				ng/L
	U	238	90526.925				ng/L
	U 232	232	19.000				ng/L
⌈	U-tot	238	29.979	**4821.339**	128.69	2.7	ng/L
|	U-238a	238	29.618	**4785.410**	126.90	2.7	ng/L
|	U-235a	235	0.356	**35.583**	1.84	5.2	ng/L
⌊>	U 236	236	3057.994				ng/L
	U 236-IS	236	3057.994	**93.995**	2.72	2.9	%R

Quantitative Analysis - Summary Report

Sample ID: ccv

Sample Date/Time: Wednesday, October 17, 2007 15:02:11
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\ccv.1320
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	86.603	0.000	
	U	234	35	20.474	0.000	
	U	235	4001	0.369	0.000	
	U	238	447702	0.500	0.000	
	U 232	232	10	58.823	0.000	
⌈	U-tot	238	451739	0.495	0.000	
|	U-238a	238	447702	0.500	0.000	
|	U-235a	235	4001	0.369	0.000	
⌊>	U 236	236	3026	2.563	0.000	
	U 236-IS	236	3026	2.563	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.667				ng/L
	U	234	35.333				ng/L
	U	235	4000.894				ng/L
	U	238	447702.184				ng/L
	U 232	232	9.667				ng/L
⌈	U-tot	238	149.340	**24097.267**	511.92	2.1	ng/L
|	U-238a	238	148.006	**23922.714**	506.24	2.1	ng/L
|	U-235a	235	1.323	**174.009**	5.08	2.9	ng/L
⌊>	U 236	236	3025.987				ng/L
	U 236-IS	236	3025.987	**93.011**	2.38	2.6	%R

Quantitative Analysis - Summary Report

Sample ID: ccb

Sample Date/Time: Wednesday, October 17, 2007 15:04:38
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\ccb.1321
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	86.603	0.000	
	U	234	5	28.641	0.000	
	U	235	357	2.266	0.000	
	U	238	267	6.695	0.000	
	U 232	232	18	25.524	0.000	
⌜	U-tot	238	630	1.983	0.000	
|	U-238a	238	267	6.695	0.000	
|	U-235a	235	357	2.266	0.000	
⌞>	U 236	236	3089	2.745	0.000	
	U 236-IS	236	3089	2.745	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.667				ng/L
	U	234	5.333				ng/L
	U	235	356.671				ng/L
	U	238	267.336				ng/L
	U 232	232	17.667				ng/L
⌜	U-tot	238	0.204	**12.812**	0.85	6.6	ng/L
|	U-238a	238	0.087	**11.580**	1.03	8.9	ng/L
|	U-235a	235	0.115	**1.104**	0.31	27.9	ng/L
⌞>	U 236	236	3089.334				ng/L
	U 236-IS	236	3089.334	**94.958**	2.61	2.7	%R

Quantitative Analysis - Summary Report

Sample ID: 304220 df200

Sample Date/Time: Wednesday, October 17, 2007 15:07:53
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\304220 df200.1322
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	86.603	0.000	
	U	234	9	16.366	0.000	
	U	235	1111	0.990	0.000	
	U	238	322224	0.674	0.000	
	U 232	232	43	2.326	0.000	
⌈	U-tot	238	323345	0.668	0.000	
|	U-238a	238	322224	0.674	0.000	
|	U-235a	235	1111	0.990	0.000	
⌊>	U 236	236	3104	1.057	0.000	
	U 236-IS	236	3104	1.057	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.667				ng/L
	U	234	9.333				ng/L
	U	235	1111.043				ng/L
	U	238	322224.243				ng/L
	U 232	232	43.000				ng/L
⌈	U-tot	238	104.173	**16803.109**	70.98	0.4	ng/L
|	U-238a	238	103.812	**16778.820**	69.98	0.4	ng/L
|	U-235a	235	0.358	**35.835**	1.03	2.9	ng/L
⌊>	U 236	236	3104.004				ng/L
	U 236-IS	236	3104.004	**95.409**	1.01	1.1	%R

Quantitative Analysis - Summary Report

Sample ID: cri

Sample Date/Time: Wednesday, October 17, 2007 15:10:20
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\cri.1323
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	0	173.205	0.000	
	U	234	11	15.746	0.000	
	U	235	1087	6.315	0.000	
	U	238	89840	0.377	0.000	
	U 232	232	17	26.015	0.000	
⌈	U-tot	238	90938	0.444	0.000	
|	U-238a	238	89840	0.377	0.000	
|	U-235a	235	1087	6.315	0.000	
⌊>	U 236	236	3067	0.826	0.000	
	U 236-IS	236	3067	0.826	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	0.333				ng/L
	U	234	11.000				ng/L
	U	235	1086.708				ng/L
	U	238	89840.278				ng/L
	U 232	232	17.333				ng/L
⌈	U-tot	238	29.652	**4768.378**	32.41	0.7	ng/L
|	U-238a	238	29.294	**4732.888**	31.46	0.7	ng/L
|	U-235a	235	0.354	**35.307**	3.08	8.7	ng/L
⌊>	U 236	236	3066.996				ng/L
	U 236-IS	236	3066.996	**94.271**	0.78	0.8	%R

Quantitative Analysis - Summary Report

Sample ID: ccv

Sample Date/Time: Wednesday, October 17, 2007 15:12:46
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\ccv.1324
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	100.000	0.000	
	U	234	31	43.565	0.000	
	U	235	3931	1.259	0.000	
	U	238	444529	0.717	0.000	
	U 232	232	8	27.152	0.000	
⌈	U-tot	238	448492	0.697	0.000	
|	U-238a	238	444529	0.717	0.000	
|	U-235a	235	3931	1.259	0.000	
⌊>	U 236	236	3089	0.496	0.000	
	U 236-IS	236	3089	0.496	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.000				ng/L
	U	234	31.333				ng/L
	U	235	3930.541				ng/L
	U	238	444528.807				ng/L
	U 232	232	7.667				ng/L
⌈	U-tot	238	145.192	**23427.352**	197.04	0.8	ng/L
|	U-238a	238	143.909	**23260.524**	199.72	0.9	ng/L
|	U-235a	235	1.272	**166.800**	2.31	1.4	ng/L
⌊>	U 236	236	3089.001				ng/L
	U 236-IS	236	3089.001	**94.948**	0.47	0.5	%R

Quantitative Analysis - Summary Report

Sample ID: ccb

Sample Date/Time: Wednesday, October 17, 2007 15:15:14
Sample Description:
Solution Type: Sample
Blank File:
Number of Replicates: 3
Peak Processing Mode: Average
Signal Profile Processing Mode: Average
Dual Detector Mode: Dual
Dead Time (ns): 35

Sample File: C:\Elandata\Sample\bechtel_070815.sam
Method File: C:\Elandata\Method\SwRI\tot U-236IS.mth
Dataset File: c:\elandata\Dataset\07oct1\ccb.1325
Tuning File: c:\elandata\Tuning\default.tun
Optimization File: c:\elandata\Optimize\default.dac
Calibration File:
Calibration Type: External Calibration

Summary

Intensities

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
	Mass 233	233	1	173.205	0.000	
	U	234	4	53.294	0.000	
	U	235	359	6.687	0.000	
	U	238	292	7.650	0.000	
	U 232	232	11	10.825	0.000	
⌈	U-tot	238	657	2.626	0.000	
|	U-238a	238	292	7.650	0.000	
|	U-235a	235	359	6.687	0.000	
⌊>	U 236	236	3071	0.945	0.000	
	U 236-IS	236	3071	0.945	0.000	

Concentration Results

	Analyte	Mass	Net Intens. Mean	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Unit
	Mass 233	233	1.000				ng/L
	U	234	4.333				ng/L
	U	235	359.338				ng/L
	U	238	292.003				ng/L
	U 232	232	10.667				ng/L
⌈	U-tot	238	0.214	**14.411**	1.23	8.5	ng/L
|	U-238a	238	0.095	**12.958**	1.22	9.4	ng/L
|	U-235a	235	0.117	**1.330**	1.22	91.4	ng/L
⌊>	U 236	236	3070.663				ng/L
	U 236-IS	236	3070.663	**94.384**	0.89	0.9	%R

QC STD. ID's	
CCV	07kd1
CRI	
ICSA	
ICSAB	07kd1

ICP CAL.STD. ID's	
Std0	07kd1
Std1	07kd1
Std2	
Std3	
Std4	
Std5	
Std6	

☐ 200.7 TAP No. 01-0406-028 Rev3/Jan06

☑ 6010B TAP No. 01-0406-130 Rev5/Jan06

☐ Other_____

Linear Range run Date: 03-23-07

IDL run date: **03-27-07**

IEC run date: **03-29-07**

L: K Na

PROJ. NO.	PROJECT	TO#	DATE	MATRIX	LOGBK PG
06W2.01.222	D.V. 20	070879	10-12-07	Liquid	70-025

INSTRUMENT: SPECTRO FILENAME: 071012

10-12-07

Analyst/Date

File converted to wsl? ☐

EVOLUTION by Micro-Active Australia Pty Ltd 2:14:58 PM October 12, 2007

Keep last result visible enabled ...
Starting run ...
Creating high priority queue entries ...
BACKGROUND CORRECTED INTENSITIES
Identity 1 : BLK_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 2:12:34 PM October 12, 2007

	K_766	Li670	Na589	Sc361
# 1	13.0	-28.5	34.0	3228.5
# 2	27.0	-25.5	30.0	3108.5
Mean	20.0	-27.0	32.0	3168.5
SD	9.9	2.1	2.8	84.9
%RSD	49.5	7.9	8.8	2.7

INTENSITIES
Identity 1 : BLK_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 2:12:34 PM October 12, 2007

	K_766	Li670	Na589	Sc361
# 1	0.0	-0.0	0.0	3228.5
# 2	0.0	-0.0	0.0	3108.5
Mean	0.0	-0.0	0.0	3168.5
SD	0.0	0.0	0.0	84.9
%RSD	51.8	5.2	6.2	2.7

10/12/07

16-12-07

EVOLUTION by Micro-Active Australia Pty Ltd 2:21:58 PM October 12, 2007

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_STD1_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 2:15:36 PM October 12, 2007

	K_766	Li670	Na589
# 1	4219.5	34382.0	25090.5
# 2	4154.5	33988.0	24754.5
Mean	4187.0	34185.0	24922.5
SD	46.0	278.6	237.6
%RSD	1.1	0.8	1.0

INTENSITIES
Identity 1 : CLP_STD1_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 2:15:36 PM October 12, 2007

	K_766	Li670	Na589
# 1	1.2	9.7	7.1
# 2	1.2	9.7	7.1
Mean	1.2	9.7	7.1
SD	0.0	0.0	0.0
%RSD	0.3	0.0	0.2

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:18:40 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	1611.0	16243.5	14107.5	3387.0	3387.0
# 2	1607.0	16188.5	14129.5	3363.0	3363.0
Mean	1609.0	16216.0	14118.5	3375.0	3375.0
SD	2.8	38.9	15.6	17.0	17.0
%RSD	0.2	0.2	0.1	0.5	0.5

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:18:40 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	19.8363	4.9434	29.3889	3387.000 H	106.9102
# 2	19.9295	4.9618	29.6454	3363.000 H	106.1512
Mean	19.8829	4.9526	29.5172	3375.000 H	106.5307
SD	0.0659	0.0130	0.1814	16.971	0.5367
%RSD	0.3314	0.2625	0.6145	0.503	0.5038

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	19.883	22.000
Li670	4.500	4.953	5.500
Na589	27.000	29.517	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 2:21:46 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	19.0	-8.5	46.5	3265.5	3265.5
# 2	32.0	-14.5	33.5	3230.5	3230.5

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Mean	25.5	-11.5	40.0	3248.0	3248.0
SD	9.2	4.2	9.2	24.7	24.7
%RSD	36.0	36.9	23.0	0.8	0.8

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 2:21:46 PM October 12, 2007

		K_766	Li670	Na589	Sc	Sc361
		ppm	ppm	ppm		ppm
# 1	L	-0.0209	0.0061	0.0293	3265.500 H	103.0677
# 2		0.1519	0.0041	0.0019	3230.500 H	101.9608
Mean		0.0655	0.0051	0.0156	3248.000 H	102.5142
SD		0.1221	0.0014	0.0194	24.749	0.7827
%RSD		186.4732	26.7954	124.0760	0.762	0.7635

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	0.066
Li670	0.010	0.005
Na589	0.050	0.016
Sc361	0.000	102.514

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:24:50 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	16.5	297.0	68.5	3456.0	3456.0
# 2	17.5	295.0	69.5	3436.0	3436.0
Mean	17.0	296.0	69.0	3446.0	3446.0
SD	0.7	1.4	0.7	14.1	14.1
%RSD	4.2	0.5	1.0	0.4	0.4

APPARENT CONCENTRATIONS
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:24:50 PM October 12, 2007

		K_766	Li670	Na589	Sc	Sc361
		ppm	ppm	ppm		ppm
# 1	L	-0.0650	0.0972	0.0688	3456.000 H	109.0923
# 2	L	-0.0515	0.0971	0.0716	3436.000 H	108.4598
Mean	L	-0.0583	0.0971	0.0702	3446.000 H	108.7761
SD		0.0095	0.0001	0.0020	14.142	0.4473
%RSD		16.3553	0.0613	2.8956	0.410	0.4112

Checking calibration verification ...
Identity 1 : CRI Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.090	0.097	0.110

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 2:27:52 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	17.0	-11.0	41.0	3245.5	3245.5
# 2	16.0	-26.0	35.0	3243.5	3243.5
Mean	16.5	-18.5	38.0	3244.5	3244.5

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SD	0.7	10.6	4.2	1.4	1.4
%RSD	4.3	57.3	11.2	0.0	0.0

APPARENT CONCENTRATIONS
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 2:27:52 PM October 12, 2007

		K_766	Li670	Na589	Sc	Sc361
		ppm	ppm	ppm		ppm
# 1	L	-0.0454	0.0053	0.0179	3245.500 H	102.4352
# 2	L	-0.0583	0.0005	0.0049	3243.500 H	102.3719
Mean	L	-0.0518	0.0029	0.0114	3244.500 H	102.4035
SD		0.0091	0.0034	0.0092	1.414	0.0447
%RSD		17.5864	116.0668	80.7810	0.044	0.0437

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 2:30:56 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	27.5	3391.5	66.5	3292.5	3292.5
# 2	23.5	3408.5	48.5	3316.5	3316.5
Mean	25.5	3400.0	57.5	3304.5	3304.5
SD	2.8	12.0	12.7	17.0	17.0
%RSD	11.1	0.4	22.1	0.5	0.5

APPARENT CONCENTRATIONS
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 2:30:56 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.0862	1.0686	0.0714	3292.500 H	103.9216
# 2	0.0327	1.0662	0.0320	3316.500 H	104.6806
Mean	0.0595	1.0674	0.0517	3304.500 H	104.3011
SD	0.0379	0.0017	0.0279	16.971	0.5367
%RSD	63.6552	0.1587	53.9049	0.514	0.5146

Checking interference check standard ...
Identity 1 : ICSAB Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.800	1.067	1.200

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:34:00 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	1633.5	16035.0	14162.5	3399.0	3399.0
# 2	1617.5	16000.0	14025.5	3375.0	3375.0
Mean	1625.5	16017.5	14094.0	3387.0	3387.0
SD	11.3	24.7	96.9	17.0	17.0
%RSD	0.7	0.2	0.7	0.5	0.5

APPARENT CONCENTRATIONS

Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:34:02 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm

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# 1	20.0451	4.8628	29.3993	3399.000	H	107.2897
# 2	19.9892	4.8867	29.3218	3375.000	H	106.5307
Mean	20.0171	4.8748	29.3606	3387.000	H	106.9102
SD	0.0395	0.0169	0.0548	16.971		0.5367
%RSD	0.1976	0.3459	0.1867	0.501		0.5020

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.017	22.000
Li670	4.500	4.875	5.500
Na589	27.000	29.361	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 2:37:06 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	14.0	-16.0	36.5	3382.0	3382.0
# 2	23.0	-6.0	49.5	3327.0	3327.0
Mean	18.5	-11.0	43.0	3354.5	3354.5
SD	6.4	7.1	9.2	38.9	38.9
%RSD	34.4	64.3	21.4	1.2	1.2

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 2:37:06 PM October 12, 2007

		K_766	Li670	Na589	Sc	Sc361
		ppm	ppm	ppm		ppm
# 1	L	-0.0918	0.0039	0.0049	3382.000 H	106.7521
# 2		0.0254	0.0069	0.0338	3327.000 H	105.0127
Mean	L	-0.0332	0.0054	0.0194	3354.500 H	105.8824
SD		0.0829	0.0021	0.0204	38.891	1.2299
%RSD		249.5859	39.3981	105.5992	1.159	1.1616

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	-0.033
Li670	0.010	0.005
Na589	0.050	0.019
Sc361	0.000	105.882

BACKGROUND CORRECTED INTENSITIES
Identity 1 : PBW-K12H1 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:40:10 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	24.0	-19.0	16.0	3238.5	3238.5
# 2	22.0	-24.0	50.0	3252.5	3252.5
Mean	23.0	-21.5	33.0	3245.5	3245.5
SD	1.4	3.5	24.0	9.9	9.9
%RSD	6.1	16.4	72.9	0.3	0.3

APPARENT CONCENTRATIONS
Identity 1 : PBW-K12H1 Identity 2 :   Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:40:10 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
EVOLUTION by Micro-Active Australia Pty Ltd				2:49:30 PM October 12, 2007	
	ppm	ppm	ppm		ppm
# 1	0.0464	0.0027 L	-0.0365	3238.500 H	102.2138
# 2	0.0191	0.0012	0.0373	3252.500 H	102.6565
Mean	0.0328	0.0020	0.0004	3245.500 H	102.4352
SD	0.0193	0.0011	0.0522	9.899	0.3131
%RSD	58.9921	56.3175	12883.1772	0.305	0.3056

BACKGROUND CORRECTED INTENSITIES
Identity 1 : LCSW-K12H1 Identity 2 :   Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:43:12 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	1501.0	12333.0	9079.0	3281.0	3281.0
# 2	1502.0	12219.0	8990.0	3254.0	3254.0
Mean	1501.5	12276.0	9034.5	3267.5	3267.5
SD	0.7	80.6	62.9	19.1	19.1
%RSD	0.0	0.7	0.7	0.6	0.6

APPARENT CONCENTRATIONS
Identity 1 : LCSW-K12H1 Identity 2 :   Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:43:14 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	19.0688	3.8764	19.5005	3281.000 H	103.5579
# 2	19.2422	3.8725	19.4695	3254.000 H	102.7040
Mean	19.1555	3.8745	19.4850	3267.500 H	103.1309
SD	0.1226	0.0028	0.0220	19.092	0.6038
%RSD	0.6402	0.0722	0.1127	0.584	0.5855

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 304218 Identity 2 :   Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:46:16 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	29.5	-7.5	57.0	3269.0	3269.0
# 2	26.5	-17.5	23.0	3261.0	3261.0
Mean	28.0	-12.5	40.0	3265.0	3265.0
SD	2.1	7.1	24.0	5.7	5.7
%RSD	7.6	56.6	60.1	0.2	0.2

APPARENT CONCENTRATIONS
Identity 1 : 304218 Identity 2 :   Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:46:16 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.1146	0.0064	0.0519	3269.000 H	103.1784
# 2	0.0767	0.0032 L	-0.0215	3261.000 H	102.9254
Mean	0.0957	0.0048	0.0152	3265.000 H	103.0519
SD	0.0268	0.0022	0.0519	5.657	0.1789
%RSD	28.0523	46.3088	342.2355	0.173	0.1736

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 304219 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:49:20 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	29.0	-14.5	25.0	3364.0	3364.0

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# 2	20.0	-18.5	25.0	3304.0	3304.0
Mean	24.5	-16.5	25.0	3334.0	3334.0
SD	6.4	2.8	0.0	42.4	42.4
%RSD	26.0	17.1	0.0	1.3	1.3

APPARENT CONCENTRATIONS
Identity 1 : 304219 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:49:20 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.0976	0.0043 L	-0.0189	3364.000 H	106.1828
# 2 L	-0.0109	0.0030 L	-0.0179	3304.000 H	104.2853
Mean	0.0433	0.0037 L	-0.0184	3334.000 H	105.2340
SD	0.0767	0.0009	0.0007	42.426	1.3418
%RSD	177.1431	25.5542	3.6699	1.273	1.2750

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 304220 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:52:26 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	27.0	-21.0	61.5	3260.5	3260.5
# 2	26.0	-17.0	44.5	3250.5	3250.5
Mean	26.5	-19.0	53.0	3255.5	3255.5
SD	0.7	2.8	12.0	7.1	7.1
%RSD	2.7	14.9	22.7	0.2	0.2

APPARENT CONCENTRATIONS
Identity 1 : 304220 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:52:26 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.0832	0.0021	0.0620	3260.500 H	102.9096
# 2	0.0713	0.0034	0.0254	3250.500 H	102.5933
Mean	0.0772	0.0028	0.0437	3255.500 H	102.7514
SD	0.0084	0.0009	0.0259	7.071	0.2236
%RSD	10.9165	31.8738	59.2077	0.217	0.2176

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 304220D Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:55:30 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	18.5	-24.0	70.5	3284.5	3284.5
# 2	24.5	-28.0	72.5	3276.5	3276.5
Mean	21.5	-26.0	71.5	3280.5	3280.5
SD	4.2	2.8	1.4	5.7	5.7
%RSD	19.7	10.9	2.0	0.2	0.2

APPARENT CONCENTRATIONS
Identity 1 : 304220D Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:55:30 PM October 12, 2007

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1 L	-0.0287	0.0012	0.0804	3284.500 H	103.6686
# 2	0.0493 L	-0.0000	0.0851	3276.500 H	103.4156

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Mean	0.0103	0.0006	0.0827	3280.500 H	103.5421
SD	0.0551	0.0009	0.0033	5.657	0.1789
%RSD	537.1603	147.2022	4.0070	0.172	0.1728

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 304221 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:58:32 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	32.5	-8.0	510.5	3270.0	3270.0
# 2	30.5	-12.0	514.5	3244.0	3244.0
Mean	31.5	-10.0	512.5	3257.0	3257.0
SD	1.4	2.8	2.8	18.4	18.4
%RSD	4.5	28.3	0.6	0.6	0.6

APPARENT CONCENTRATIONS
Identity 1 : 304221 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:58:32 PM October 12, 2007

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.1533	0.0063	1.0328	3270.000 H	103.2100
# 2	0.1306	0.0050	1.0503	3244.000 H	102.3877
Mean	0.1419	0.0056	1.0416	3257.000 H	102.7989
SD	0.0160	0.0009	0.0124	18.385	0.5814
%RSD	11.3041	16.2567	1.1929	0.564	0.5656

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 304221S Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:01:36 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	1531.0	12244.5	9667.5	3280.0	3280.0
# 2	1527.0	12414.5	9716.5	3306.0	3306.0
Mean	1529.0	12329.5	9692.0	3293.0	3293.0
SD	2.8	120.2	34.6	18.4	18.4
%RSD	0.2	1.0	0.4	0.6	0.6

APPARENT CONCENTRATIONS
Identity 1 : 304221S Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:01:36 PM October 12, 2007

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	19.4613	3.8499	20.7755	3280.000 H	103.5262
# 2	19.2550	3.8726	20.7164	3306.000 H	104.3485
Mean	19.3581	3.8612	20.7460	3293.000 H	103.9374
SD	0.1459	0.0161	0.0418	18.385	0.5814
%RSD	0.7535	0.4157	0.2015	0.558	0.5594

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 3042222 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:04:40 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	34.5	7.5	509.0	3275.0	3275.0
# 2	26.5	-0.5	530.0	3209.0	3209.0
Mean	30.5	3.5	519.5	3242.0	3242.0

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SD	5.7	5.7	14.8	46.7	46.7
%RSD	18.5	161.6	2.9	1.4	1.4

APPARENT CONCENTRATIONS
Identity 1 : 3042222 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:04:40 PM October 12, 2007

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.1785	0.0111	1.0278	3275.000 H	103.3681
# 2	0.0822	0.0086	1.0967	3209.000 H	101.2808
Mean	0.1303	0.0099	1.0623	3242.000 H	102.3245
SD	0.0680	0.0018	0.0487	46.669	1.4759
%RSD	52.1913	18.0372	4.5859	1.440	1.4424

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 304223 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:07:44 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	22.0	-14.5	505.5	3272.5	3272.5
# 2	32.0	-11.5	481.5	3227.5	3227.5
Mean	27.0	-13.0	493.5	3250.0	3250.0
SD	7.1	2.1	17.0	31.8	31.8
%RSD	26.2	16.3	3.4	1.0	1.0

APPARENT CONCENTRATIONS
Identity 1 : 304223 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:07:44 PM October 12, 2007

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.0174	0.0042	1.0211	3272.500 H	103.2891
# 2	0.1523	0.0051	0.9838	3227.500 H	101.8659
Mean	0.0848	0.0047	1.0024	3250.000 H	102.5775
SD	0.0954	0.0006	0.0264	31.820	1.0063
%RSD	112.4864	13.5616	2.6355	0.979	0.9810

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 3:10:48 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	1617.0	15973.5	14076.5	3433.0	3433.0
# 2	1598.0	15832.5	14034.5	3385.0	3385.0
Mean	1607.5	15903.0	14055.5	3409.0	3409.0
SD	13.4	99.7	29.7	33.9	33.9
%RSD	0.8	0.6	0.2	1.0	1.0

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 3:10:48 PM October 12, 2007

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm

# 1	19.6408	4.7963	28.9303	3433.000	H	108.3650
# 2	19.6859	4.8214	29.2538	3385.000	H	106.8469
Mean	19.6633	4.8088	29.0920	3409.000	H	107.6059
SD	0.0319	0.0177	0.2287	33.941		1.0734

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%RSD	0.1620	0.3680	0.7863	0.996	0.9975

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	19.663	22.000
Li670	4.500	4.809	5.500
Na589	27.000	29.092	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 3:13:52 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	20.5	-11.0	58.5	3280.0	3280.0
# 2	19.5	-7.0	33.5	3274.0	3274.0
Mean	20.0	-9.0	46.0	3277.0	3277.0
SD	0.7	2.8	17.7	4.2	4.2
%RSD	3.5	31.4	38.4	0.1	0.1

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 3:13:52 PM October 12, 2007

		K_766	Li670	Na589	Sc	Sc361
		ppm	ppm	ppm		ppm
# 1	L	-0.0026	0.0053	0.0547	3280.000 H	103.5262
# 2	L	-0.0151	0.0066	0.0009	3274.000 H	103.3365
Mean	L	-0.0088	0.0059	0.0278	3277.000 H	103.4314
SD		0.0088	0.0009	0.0380	4.243	0.1342
%RSD		99.4026	14.8828	136.6508	0.129	0.1297

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	-0.009
Li670	0.010	0.006
Na589	0.050	0.028
Sc361	0.000	103.431

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 304224 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:16:56 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	17.5	-9.5	514.5	3312.0	3312.0
# 2	20.5	-29.5	505.5	3290.0	3290.0
Mean	19.0	-19.5	510.0	3301.0	3301.0
SD	2.1	14.1	6.4	15.6	15.6
%RSD	11.2	72.5	1.2	0.5	0.5

APPARENT CONCENTRATIONS
Identity 1 : 304224 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:16:56 PM October 12, 2007

K_766	Li670	Na589	Sc	Sc361

		ppm		ppm	ppm		ppm
# 1	L	-0.0435		0.0058	1.0273	3312.000 H	104.5383
# 2	L	-0.0034	L	-0.0005	1.0153	3290.000 H	103.8425
Mean	L	-0.0234		0.0027	1.0213	3301.000 H	104.1904

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SD	0.0283	0.0044	0.0085	15.556	0.4920
%RSD	120.7376	165.5997	0.8309	0.471	0.4722

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 304225 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:20:00 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	17.5	-14.5	494.0	3354.0	3354.0
# 2	21.5	-19.5	503.0	3354.0	3354.0
Mean	19.5	-17.0	498.5	3354.0	3354.0
SD	2.8	3.5	6.4	0.0	0.0
%RSD	14.5	20.8	1.3	0.0	0.0

APPARENT CONCENTRATIONS
Identity 1 : 304225 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:20:00 PM October 12, 2007

		K_766	Li670	Na589	Sc	Sc361
		ppm	ppm	ppm		ppm
# 1	L	-0.0463	0.0043	0.9703	3354.000 H	105.8665
# 2		0.0041	0.0028	0.9893	3354.000 H	105.8665
Mean	L	-0.0211	0.0036	0.9798	3354.000 H	105.8665
SD		0.0356	0.0011	0.0134	0.000	0.0000
%RSD		169.2756	30.5295	1.3697	0.000	0.0000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 304226 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:23:04 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	35.0	-18.5	62.5	3300.0	3300.0
# 2	26.0	-18.5	48.5	3276.0	3276.0
Mean	30.5	-18.5	55.5	3288.0	3288.0
SD	6.4	0.0	9.9	17.0	17.0
%RSD	20.9	0.0	17.8	0.5	0.5

APPARENT CONCENTRATIONS
Identity 1 : 304226 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:23:04 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.1815	0.0030	0.0625	3300.000 H	104.1588
# 2	0.0687	0.0030	0.0333	3276.000 H	103.3997
Mean	0.1251	0.0030	0.0479	3288.000 H	103.7793
SD	0.0798	0.0000	0.0207	16.971	0.5367
%RSD	63.7906	1.0032	43.1697	0.516	0.5172

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 304227 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:26:08 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	28.5	-16.0	36.5	3317.0	3317.0

# 2	22.5	-13.0	44.5	3302.0	3302.0
Mean	25.5	-14.5	40.5	3309.5	3309.5
SD	4.2	2.1	5.7	10.6	10.6
%RSD	16.6	14.6	14.0	0.3	0.3

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APPARENT CONCENTRATIONS
Identity 1 : 304227 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:26:08 PM October 12, 2007

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.0964	0.0038	0.0064	3317.000 H	104.6964
# 2	0.0212	0.0047	0.0239	3302.000 H	104.2220
Mean	0.0588	0.0043	0.0151	3309.500 H	104.4592
SD	0.0531	0.0006	0.0124	10.607	0.3354
%RSD	90.3899	15.1396	81.6722	0.320	0.3211

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 304228 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:29:12 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	38.5	-18.5	8259.0	3344.0	3344.0
# 2	36.5	-12.5	8197.0	3300.0	3300.0
Mean	37.5	-15.5	8228.0	3322.0	3322.0
SD	1.4	4.2	43.8	31.1	31.1
%RSD	3.8	27.4	0.5	0.9	0.9

APPARENT CONCENTRATIONS
Identity 1 : 304228 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:29:12 PM October 12, 2007

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.2198	0.0031	17.3974	3344.000 H	105.5503
# 2	0.2007	0.0049	17.4974	3300.000 H	104.1588
Mean	0.2103	0.0040	17.4474	3322.000 H	104.8545
SD	0.0135	0.0013	0.0707	31.113	0.9840
%RSD	6.4325	31.9450	0.4054	0.937	0.9384

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 304229 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:32:16 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	52.0	-14.5	8731.0	3323.5	3323.5
# 2	40.0	-20.5	8723.0	3298.5	3298.5
Mean	46.0	-17.5	8727.0	3311.0	3311.0
SD	8.5	4.2	5.7	17.7	17.7
%RSD	18.4	24.2	0.1	0.5	0.5

APPARENT CONCENTRATIONS
Identity 1 : 304229 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:32:16 PM October 12, 2007

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.3945	0.0043	18.5097	3323.500 H	104.9020
# 2	0.2458	0.0024	18.6333	3298.500 H	104.1113

Mean	0.3201	0.0033	18.5715	3311.000 H	104.5066
SD	0.1052	0.0013	0.0875	17.678	0.5591
%RSD	32.8560	40.5143	0.4709	0.534	0.5350

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BACKGROUND CORRECTED INTENSITIES
Identity 1 : 304230 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:35:20 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	137.0	-23.5	8540.0	3330.5	3330.5
# 2	138.0	-24.5	8364.0	3271.5	3271.5
Mean	137.5	-24.0	8452.0	3301.0	3301.0
SD	0.7	0.7	124.5	41.7	41.7
%RSD	0.5	2.9	1.5	1.3	1.3

APPARENT CONCENTRATIONS
Identity 1 : 304230 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:35:20 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	1.4718	0.0015	18.0650	3330.500 H	105.1233
# 2	1.5161	0.0011	18.0115	3271.500 H	103.2574
Mean	1.4939	0.0013	18.0383	3301.000 H	104.1904
SD	0.0313	0.0003	0.0378	41.719	1.3194
%RSD	2.0956	24.5109	0.2094	1.264	1.2663

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 3:38:24 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	1626.0	16012.0	14161.0	3464.0	3464.0
# 2	1613.0	15842.0	14097.0	3434.0	3434.0
Mean	1619.5	15927.0	14129.0	3449.0	3449.0
SD	9.2	120.2	45.3	21.2	21.2
%RSD	0.6	0.8	0.3	0.6	0.6

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 3:38:24 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	19.5725	4.7649	28.8433	3464.000 H	109.3454
# 2	19.5858	4.7555	28.9641	3434.000 H	108.3966
Mean	19.5791	4.7602	28.9037	3449.000 H	108.8710
SD	0.0094	0.0066	0.0854	21.213	0.6709
%RSD	0.0481	0.1394	0.2955	0.615	0.6162

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :
Report name Low limit Value High limit

K_766	18.000	19.579	22.000
Li670	4.500	4.760	5.500
Na589	27.000	28.904	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 3:41:28 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	34.0	3.5	65.0	3324.0	3324.0
# 2	22.0	-6.5	43.0	3334.0	3334.0

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Mean	28.0	-1.5	54.0	3329.0	3329.0
SD	8.5	7.1	15.6	7.1	7.1
%RSD	30.3	471.4	28.8	0.2	0.2

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 3:41:28 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.1655	0.0099	0.0669	3324.000 H	104.9178
# 2	0.0121	0.0068	0.0198	3334.000 H	105.2340
Mean	0.0888	0.0083	0.0433	3329.000 H	105.0759
SD	0.1085	0.0022	0.0333	7.071	0.2236
%RSD	122.1384	26.2990	76.8353	0.212	0.2128

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	0.089
Li670	0.010	0.008
Na589	0.050	0.043
Sc361	0.000	105.076

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 304231 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:44:32 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	38.0	-17.0	8240.0	3304.0	3304.0
# 2	34.0	-16.0	8265.0	3296.0	3296.0
Mean	36.0	-16.5	8252.5	3300.0	3300.0
SD	2.8	0.7	17.7	5.7	5.7
%RSD	7.9	4.3	0.2	0.2	0.2

APPARENT CONCENTRATIONS
Identity 1 : 304231 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:44:32 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.2193	0.0035	17.5682	3304.000 H	104.2853
# 2	0.1692	0.0038	17.6647	3296.000 H	104.0323
Mean	0.1943	0.0036	17.6164	3300.000 H	104.1588
SD	0.0354	0.0002	0.0682	5.657	0.1789
%RSD	18.2410	5.8413	0.3872	0.171	0.1718

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 304232 Identity 2 :   Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:47:36 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	52.5	-20.5	8401.0	3358.5	3358.5
# 2	42.5	-18.5	8215.0	3296.5	3296.5
Mean	47.5	-19.5	8308.0	3327.5	3327.5
SD	7.1	1.4	131.5	43.8	43.8
%RSD	14.9	7.3	1.6	1.3	1.3

APPARENT CONCENTRATIONS
EVOLUTION by Micro-Active Australia Pty Ltd   3:53:58 PM October 12, 2007

Identity 1 : 304232 Identity 2 :   Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:47:36 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.3939	0.0025	17.6210	3358.500 H	106.0089
# 2	0.2781	0.0030	17.5547	3296.500 H	104.0481
Mean	0.3360	0.0027	17.5879	3327.500 H	105.0285
SD	0.0819	0.0004	0.0469	43.841	1.3865
%RSD	24.3662	13.0594	0.2667	1.318	1.3201

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CRI Identity 2 :   Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 3:50:40 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	17.5	290.0	85.0	3478.0	3478.0
# 2	25.5	283.0	100.0	3471.0	3471.0
Mean	21.5	286.5	92.5	3474.5	3474.5
SD	5.7	4.9	10.6	4.9	4.9
%RSD	26.3	1.7	11.5	0.1	0.1

APPARENT CONCENTRATIONS
Identity 1 : CRI Identity 2 :   Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 3:50:40 PM October 12, 2007

		K_766	Li670	Na589	Sc	Sc361
		ppm	ppm	ppm		ppm
# 1	L	-0.0541	0.0946	0.1014	3478.000 H	109.7881
# 2		0.0437	0.0927	0.1323	3471.000 H	109.5667
Mean	L	-0.0052	0.0936	0.1169	3474.500 H	109.6774
SD		0.0692	0.0013	0.0219	4.950	0.1565
%RSD		1330.5245	1.4367	18.7024	0.142	0.1427

Checking calibration verification ...
Identity 1 : CRI   Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.090	0.094	0.110

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSA Identity 2 :   Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 3:53:44 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	20.0	-21.5	17.0	3283.0	3283.0
# 2	17.0	-15.5	29.0	3285.0	3285.0

Mean	18.5	-18.5	23.0	3284.0	3284.0
SD	2.1	4.2	8.5	1.4	1.4
%RSD	11.5	22.9	36.9	0.0	0.0

APPARENT CONCENTRATIONS
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 3:53:44 PM October 12, 2007

		K_766 ppm		Li670 ppm		Na589 ppm	Sc		Sc361 ppm
# 1	L	-0.0093		0.0020	L	-0.0348	3283.000	H	103.6211
# 2	L	-0.0481		0.0039	L	-0.0090	3285.000	H	103.6844
Mean	L	-0.0287		0.0030	L	-0.0219	3284.000	H	103.6528

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SD	0.0274	0.0013	0.0183	1.414	0.0447
%RSD	95.5440	44.8220	83.3509	0.043	0.0431

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 3:56:48 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	15.5	3303.0	82.0	3323.5	3323.5
# 2	17.5	3321.0	41.0	3330.5	3330.5
Mean	16.5	3312.0	61.5	3327.0	3327.0
SD	1.4	12.7	29.0	4.9	4.9
%RSD	8.6	0.4	47.1	0.1	0.1

APPARENT CONCENTRATIONS
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 3:56:48 PM October 12, 2007

		K_766 ppm		Li670 ppm		Na589 ppm	Sc		Sc361 ppm
# 1	L	-0.0697		1.0314		0.1031	3323.500	H	104.9020
# 2	L	-0.0447		1.0348		0.0156	3330.500	H	105.1233
Mean	L	-0.0572		1.0331		0.0594	3327.000	H	105.0127
SD		0.0177		0.0024		0.0618	4.950		0.1565
%RSD		30.8712		0.2335		104.1619	0.149		0.1491

Checking interference check standard ...
Identity 1 : ICSAB Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.800	1.033	1.200

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 3:59:52 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	1631.0	16183.0	14398.5	3531.5	3531.5
# 2	1584.0	15850.0	14132.5	3449.5	3449.5
Mean	1607.5	16016.5	14265.5	3490.5	3490.5
SD	33.2	235.5	188.1	58.0	58.0
%RSD	2.1	1.5	1.3	1.7	1.7

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 3:59:52 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	19.2531	4.7238	28.7663	3531.500 H	111.4801
# 2	19.1412	4.7366	28.9064	3449.500 H	108.8868
Mean	19.1972	4.7302	28.8363	3490.500 H	110.1834
SD	0.0791	0.0090	0.0991	57.983	1.8337
%RSD	0.4120	0.1907	0.3435	1.661	1.6643

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	19.197	22.000
Li670	4.500	4.730	5.500

EVOLUTION by Micro-Active Australia Pty Ltd 4:10:28 PM October 12, 2007

Na589	27.000	28.836	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 4:02:56 PM October 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	13.0	-8.0	61.0	3326.0	3326.0
# 2	13.0	-11.0	52.0	3303.0	3303.0
Mean	13.0	-9.5	56.5	3314.5	3314.5
SD	0.0	2.1	6.4	16.3	16.3
%RSD	0.0	22.3	11.3	0.5	0.5

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 4:02:56 PM October 12, 2007

		K_766	Li670	Na589	Sc	Sc361
		ppm	ppm	ppm		ppm
# 1	L	-0.1016	0.0063	0.0583	3326.000 H	104.9810
# 2	L	-0.1004	0.0053	0.0399	3303.000 H	104.2536
Mean	L	-0.1010	0.0058	0.0491	3314.500 H	104.6173
SD		0.0008	0.0007	0.0130	16.263	0.5143
%RSD		0.8053	11.5694	26.4522	0.491	0.4916

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	-0.101
Li670	0.010	0.006
Na589	0.050	0.049
Sc361	0.000	104.617

QC STD. ID's	
CCV	07401
CRI	
ICSA	
ICSAB	07401

ICP CAL.STD. ID's	
Std0	07401
Std1	
Std2	
Std3	
Std4	
Std5	
Std6	07401

☐ 200.7 TAP No. 01-0406-028 Rev3/Jan06

☑ 6010B TAP No. 01-0406-130 Rev5/Jan06

☐ Other_____

Linear Range run Date: **5-14-2007**

IDL run date: **03-27-07**

IEC run date: **12-15-06**

PROJ. NO.	PROJECT	TO#	DATE	MATRIX	LOGBK PG
06002.01.222	D.V.2	070807-9	10-12-07	Liquid	70-025

INSTRUMENT: TRACE2 FILENAME: B70807901

10-12-07
Analyst/Date

File converted to wsl? ☐

TRACE METALS PREPARATORY LABORATORY DIGESTION LOG

SOUTHWEST RESEARCH INSTITUTE
SAN ANTONIO, TEXAS 78228

BOOK / PAGE: 70 025

CLIENT(S): DiV. 20
TASK ORDER(S): 070807-9 SDG(S): 304218
PROJECT NO(S): 06002.01.222
METHOD: 3005A ___ 3050B ___ 3050B-7.5 ___ 3010A ___ 3020A ___ 7760A ___ 7740A ___ $HClO_4$ ___ $HClO_4/H_2SO_4$ ___
Microwave ___ Fusion ___ Teflon ___ Rock ___ OTHER dilutions
MATRIX: Water ___ Soil ___ Biota ___ Solid ___ Liquid ✓ TCLP Ext ___ OTHER ___
INSTRUMENT: GFAA ___ ICP ✓ ICP-MS ___ IC ___ FLAA ___ HYDRIDE ___ OTHER ___
ACID INORG #: HNO_3# 6637 HCl# 6653 H_2SO_4# ___ $HClO_4$# ___ HF# ___ H_2O_2# ___
INTERNAL STD: Sc @ 10 PPM ✓ Be @ 10 PPM ___ SOURCE: IV INORG# 6623 EXP: 10/08 AMT: 1000L
Oven/Hotplate/ Block ID: N/A Temperature (°C): N/A Time in: N/A Time out: N/A

S	Sample Identification		df	WT(g)	I.V.(ml)	F.V.(ml)	V1 (mL)
	PBW-K08H1		10		1	10	
	LCSW-K08H1*		10		1	10	
	304218		10		1	10	
	304219		10		1	10	
	304220		10		1	10	
	304220D		10		1	10	
	304221		10		1	10	
	304221S*		10		1	10	
	304222		10		1	10	
	304223		10		1	10	
	304224		10		1	10	
	304225		10		1	10	
	304226		10		1	10	
	304227		10		1	10	
	304228		10		1	10	
	304229		10		1	10	
	304230		10		1	10	
	304231		10		1	10	
	304232		10		1	10	

*40ul Li IV# 6486 Exp. 7/1/08
*40ul Si IV# 6308 Exp. 3/1/08
*40uL ICAL-1 Spex# 6573 Exp. 8/15/08
*100uL Spike-1 # 6572 Exp.8/15/08
PBW&LCSW are prepared as 10mls 1%HNO_3 / 5% HCL

10-12-07

LOCATION: N/A

PREPARED BY: ___ DATE: 10-12-07
Pipets verified today
REVIEWED BY: ___ DATE: 10/12/07
DISPOSAL INT/DATE/LOC: ___

FRM-191 (Rev 5/Mar 07)

Method: DAILY2 Standard: blk
Run Time: 10/12/07 11:39:55

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Avge	-.0000	.0006	-.0000	.0007	-.0000	.0004	.0000
SDev	.0000	.0000	.0000	.0000	.0000	.0000	.0000
%RSD	211.7	.6551	46.50	6.654	54.04	1.236	277.1
#1	.0000	.0006	-.0000	.0007	-.0000	.0004	.0000
#2	-.0000	.0006	-.0001	.0006	-.0000	.0004	-.0000

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Avge	.0000	.0000	-.0000	-.0000	.0002	-.0000	.0001
SDev	.0000	.0000	.0000	.0001	.0000	.0001	.0001
%RSD	180.6	184.7	122.1	381.8	9.912	757.8	56.89
#1	.0000	.0000	-.0000	.0000	.0002	.0000	.0002
#2	-.0000	-.0000	-.0000	-.0001	.0002	-.0000	.0001

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Avge	.0000	.0017	-.0000	.0000	-.0000	-.0002	-.0077
SDev	.0001	.0001	.0000	.0000	.0000	.0000	.0000
%RSD	1500.	4.920	417.0	600.8	109.2	16.84	.3168
#1	.0001	.0017	.0000	.0000	-.0000	-.0002	-.0077
#2	-.0000	.0016	-.0000	-.0000	-.0000	-.0002	-.0077

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Avge	.0000	-.0000	.0001	-.0000	-.0000	.0003	-.0010
SDev	.0000	.0000	.0002	.0001	.0001	.0000	.0000
%RSD	150.9	1095.	235.6	199.0	240.6	3.312	.2502
#1	.0000	.0000	.0002	-.0001	.0000	.0003	-.0010
#2	-.0000	-.0000	-.0001	.0000	-.0001	.0003	-.0010

Elem	Sc3613	1960/1	1960/2	Si2881	Sn1899	Sr4215	Th2837
Avge	92.30	-.0001	.0001	.0012	-.0000	-.0000	.0000
SDev	1.82	.0000	.0001	.0001	.0000	.0000	.0001
%RSD	1.969	58.34	130.5	5.905	396.9	1271.	332.9
#1	91.02	-.0000	.0000	.0012	.0000	.0000	.0001
#2	93.59	-.0001	.0001	.0011	-.0000	-.0000	-.0000

Elem	Ti3349	Tl1908	U_4090	V_2924	W_2079	Y_3710	Zn2062
Avge	-.0001	-.0001	-.0002	-.0000	.0001	.0000	-.0000
SDev	.0001	.0000	.0002	.0000	.0001	.0000	.0000
%RSD	75.70	7.279	76.15	45.38	67.70	1020.	69.23
#1	-.0001	-.0001	-.0001	-.0000	.0002	.0000	-.0000
#2	-.0002	-.0001	-.0004	-.0000	.0001	-.0000	-.0000

Elem	Zr3496
Avge	-.0000
SDev	.0002
%RSD	938.9
#1	.0001
#2	-.0002

10-12-07

10/18/07

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	923000	10000	--	--	--	--	--
SDev	18150.72	.0000000	--	--	--	--	--
%RSD	1.966491	.0000000	--	--	--	--	--
#1	910166	10000	--	--	--	--	--
#2	935835	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std4
Run Time: 10/12/07 11:44:46

Elem	Ag3280	As1890	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.0783	.0994	.2642	.2433	.1552	.1602	.2007
SDev	.0001	.0001	.0023	.0042	.0001	.0015	.0039
%RSD	.1360	.0771	.8848	1.745	.0623	.9681	1.945
#1	.0784	.0994	.2659	.2463	.1553	.1613	.2034
#2	.0782	.0993	.2626	.2403	.1552	.1591	.1979

Elem	Tl1908
Avge	.1920
SDev	.0001
%RSD	.0283
#1	.1921
#2	.1920

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	910064	10000	--	--	--	--	--
SDev	721.9560	.0000000	--	--	--	--	--
%RSD	.0793302	.0000000	--	--	--	--	--
#1	910575	10000	--	--	--	--	--
#2	909554	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std1
Run Time: 10/12/07 11:49:09

Elem	Al3082	Ca3179	Fe2714	K_7664	Li6707	Mg2790	Na3302
Avge	.0862	.1828	.0671	.2099	3.277	.0753	.0070
SDev	.0004	.0011	.0003	.0029	.038	.0001	.0000
%RSD	.4854	.6004	.4291	1.370	1.149	.1820	.0904
#1	.0865	.1820	.0669	.2120	3.304	.0752	.0070
#2	.0859	.1836	.0673	.2079	3.250	.0754	.0070

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	894038	10000	--	--	--	--	--
SDev	10600.94	.0000000	--	--	--	--	--
%RSD	1.185738	.0000000	--	--	--	--	--
#1	901534	10000	--	--	--	--	--
#2	886542	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std5
Run Time: 10/12/07 11:52:50

Elem	B_2496	Bi2230	Mo2020	P_1782	Si2881	Sn1899	Sr4215
Avge	.1268	.0283	.2561	.0134	.1305	.1267	2.668
SDev	.0007	.0000	.0010	.0001	.0001	.0006	.003
%RSD	.5200	.0584	.3751	.9464	.1016	.4402	.1241
#1	.1263	.0282	.2554	.0133	.1306	.1263	2.671
#2	.1272	.0283	.2568	.0135	.1304	.1271	2.666

Elem	Ti3349
Avge	2.720
SDev	.002
%RSD	.0843
#1	2.719
#2	2.722

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	940624	10000	--	--	--	--	--
SDev	1600.890	.0000000	--	--	--	--	--
%RSD	.1701944	.0000000	--	--	--	--	--
#1	941756	10000	--	--	--	--	--
#2	939492	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std2
Run Time: 10/12/07 11:56:34

Elem	Ba4934	Be3130	Cr2677	Cu3247	Ni2316
Avge	1.111	1.137	.3772	.3067	.2838
SDev	.005	.003	.0015	.0024	.0007
%RSD	.4629	.2860	.3919	.7667	.2437
#1	1.108	1.139	.3782	.3050	.2843
#2	1.115	1.134	.3761	.3084	.2833

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	939878	10000	--	--	--	--	--
SDev	9135.112	.0000000	--	--	--	--	--
%RSD	.9719461	.0000000	--	--	--	--	--
#1	933419	10000	--	--	--	--	--
#2	946338	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std3
Run Time: 10/12/07 12:00:17

Elem	Cd2265	Co2286	Mn2576	V_2924	Zn2062
Avge	.7887	.1709	.8601	.1792	.1905
SDev	.0016	.0002	.0017	.0002	.0002
%RSD	.1981	.1033	.1974	.0979	.1120
#1	.7898	.1710	.8613	.1793	.1906
#2	.7876	.1708	.8589	.1791	.1903

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	972454	10000	--	--	--	--	--
SDev	707.1068	.0000000	--	--	--	--	--
%RSD	.0727137	.0000000	--	--	--	--	--
#1	971954	10000	--	--	--	--	--
#2	972954	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std6
Run Time: 10/12/07 12:03:59

Elem	La3988	Na5889	Pd3404	S_1820	Th2837	U_4090	W_2079
Avge	.4830	.0443	.1742	.0213	.0927	.0652	.1892
SDev	.0008	.0004	.0006	.0001	.0000	.0004	.0000
%RSD	.1759	.9454	.3276	.2902	.0019	.5517	.0023
#1	.4824	.0440	.1738	.0213	.0927	.0649	.1892
#2	.4836	.0446	.1746	.0214	.0927	.0654	.1892

Elem	Y_3710	Zr3496
Avge	.7391	1.831
SDev	.0003	.002
%RSD	.0452	.0961
#1	.7394	1.830
#2	.7389	1.833

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	914704	10000	--	--	--	--	--
SDev	162.6346	.0000000	--	--	--	--	--
%RSD	.0177800	.0000000	--	--	--	--	--
#1	914589	10000	--	--	--	--	--
#2	914819	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icv/ccv Operator:
Run Time: 10/12/07 12:08:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9907	9.850	5.167	5.111	10.05	1.016	4.941
SDev	.0012	.032	.008	.009	.05	.004	.018
%RSD	.1233	.3220	.1516	.1770	.4654	.4424	.3677
#1	.9898	9.873	5.161	5.118	10.09	1.012	4.954
#2	.9916	9.828	5.172	5.105	10.02	1.019	4.929
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	10.00	5.000	5.000	10.00	1.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.95	1.043	5.066	1.971	2.010	10.71	18.45
SDev	.12	.005	.028	.011	.014	.09	.24
%RSD	.6021	.5276	.5590	.5480	.6813	.8869	1.319
#1	19.87	1.039	5.046	1.964	2.020	10.64	18.62
#2	20.04	1.047	5.086	1.979	2.001	10.77	18.28
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	20.00	1.000	5.000	2.000	2.000	10.00	20.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.019	4.746	20.31	1.021	5.118	27.73	Q42.57
SDev	.017	.042	.03	.005	.022	.29	.30
%RSD	.3335	.8873	.1350	.4493	.4286	1.063	.7129
#1	5.031	4.776	20.29	1.018	5.103	27.93	Q42.78
#2	5.007	4.716	20.33	1.024	5.134	27.52	Q42.35
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	20.00	1.000	5.000	30.00	30.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.900	5.190	5.015	4.966	1.022	1.011	1.011
SDev	.021	.000	.040	.029	.010	.006	.011
%RSD	.4265	.0051	.7899	.5940	.9940	.5771	1.104
#1	4.886	5.190	5.043	4.987	1.029	1.016	1.018
#2	4.915	5.190	4.987	4.945	1.014	1.007	1.003
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	5.000	5.000			1.000	1.000	1.000
Range	10.00	10.00			10.00	10.00	10.00

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.77	5.328	5.224	5.072	4.982	5.259	5.139
SDev	1.83	.156	.082	.007	.033	.107	.025
%RSD	1.887	2.935	1.571	.1363	.6598	2.032	.4792
#1	98.06	5.439	5.282	5.077	5.006	5.334	5.122
#2	95.48	5.218	5.166	5.067	4.959	5.183	5.156
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				5.000	5.000	5.000	5.000
Range				10.00	10.00	10.00	10.00

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.018	1.007	4.944	5.273	1.032	5.064	1.009
SDev	.021	.007	.003	.007	.008	.008	.007
%RSD	.4101	.6672	.0631	.1273	.7463	.1555	.6564
#1	5.032	1.012	4.946	5.278	1.026	5.058	1.004
#2	5.003	1.002	4.942	5.268	1.037	5.069	1.014
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	1.000	5.000	5.000	1.000	5.000	1.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.031	1.039	4.931
SDev	.012	.015	.027
%RSD	.2362	1.407	.5554
#1	5.039	1.028	4.950
#2	5.023	1.049	4.911
Errors	QC Pass	QC Pass	QC Pass
Value	5.000	1.000	5.000
Range	10.00	10.00	10.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	893166	10000	--	--	--	--	--
SDev	16752.77	.0000000	--	--	--	--	--
%RSD	1.875662	.0000000	--	--	--	--	--
#1	905012	10000	--	--	--	--	--
#2	881320	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icb/ccb Operator:
Run Time: 10/12/07 12:12:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0011	-.0009	.0019	.0115	.0002	-.0000	.0033
SDev	.0010	.0038	.0014	.0046	.0000	.0000	.0014
%RSD	90.37	410.7	72.63	40.10	6.819	47.99	42.47
#1	.0004	-.0036	.0009	.0148	.0002	-.0000	.0023
#2	.0018	.0018	.0029	.0082	.0002	-.0000	.0043
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0037	.0002	.0006	.0013	.0007	.0385	.0402
SDev	.0016	.0001	.0011	.0006	.0005	.0268	.0211
%RSD	44.28	68.19	202.2	50.31	70.86	69.57	52.61
#1	.0026	.0001	-.0002	.0017	.0011	.0196	.0252
#2	.0049	.0003	.0014	.0008	.0004	H.0575	.0552
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0014	-.0005	.0098	.0001	.0002	H.2886	.0062
SDev	.0017	.0001	.0098	.0001	.0002	.2398	.0054
%RSD	119.8	26.00	100.4	181.7	105.0	83.09	85.89
#1	.0002	-.0004	.0029	.0001	.0001	H.1190	.0024
#2	.0026	-.0005	.0168	-.0000	.0004	H.4582	.0100
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	.0061	-.0006	.0027	H.0088	.0039	.0018
SDev	.0009	.0046	.0004	.0003	.0036	.0033	.0009
%RSD	42670.	75.43	77.97	11.91	40.47	83.80	50.05
#1	.0006	.0028	-.0009	.0024	H.0063	.0016	.0024
#2	-.0006	.0093	-.0002	.0029	H.0114	.0062	.0011
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC High	LC Pass	LC Pass
High	.0050	.0100			.0050	.0200	.0100
Low	-.0050	-.0100			-.0050	-.0200	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.36	-.0046	.0011	.0034	.0016	-.0008	.0037
SDev	.28	.0003	.0006	.0052	.0004	.0003	.0005
%RSD	.2822	5.779	57.70	151.0	22.13	41.82	12.65
#1	98.16	-.0044	.0007	-.0002	.0014	-.0010	.0033
#2	98.55	-.0048	.0015	.0071	.0019	-.0006	.0040
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0037	.0005	-.0004	.0455	.0015	.0018
SDev	.0001	.0068	.0002	.0009	.0794	.0009	.0028
%RSD	69.66	181.6	41.24	241.6	174.6	62.68	159.7
#1	.0000	.0086	.0006	-.0010	-.0107	.0021	-.0002
#2	.0001	-.0011	.0003	.0003	H.1017	.0008	.0038
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0003	.0004	.0016
SDev	.0001	.0002	.0001
%RSD	53.53	40.18	7.722
#1	.0004	.0003	.0017
#2	.0002	.0005	.0015
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	907831	10000	--	--	--	--	--
SDev	2527.200	.0000000	--	--	--	--	--
%RSD	.2783778	.0000000	--	--	--	--	--
#1	906044	10000	--	--	--	--	--
#2	909618	10000	--	--	--	--	--

Method: DAILY2 Sample Name: cri Operator:
Run Time: 10/12/07 12:17:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0194	.0862	.0185	.1063	.0209	.0099	-.0009
SDev	.0003	.0043	.0021	.0006	.0000	.0000	.0007
%RSD	1.762	4.946	11.21	.5627	.1239	.0702	75.63
#1	.0197	.0893	.0200	.1067	.0210	.0099	-.0004
#2	.0192	.0832	.0171	.1058	.0209	.0099	-.0014
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.0200	.1000	.0200	.1000	.0200	.0100	
Range	50.00	50.00	50.00	50.00	50.00	50.00	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	.0103	.1003	.0192	.0484	.1119	.0077
SDev	.0015	.0002	.0003	.0007	.0001	.0124	.0073
%RSD	173.2	2.250	.2570	3.735	.1884	11.05	94.39
#1	.0020	.0105	.1005	.0197	.0485	.1206	.0129
#2	-.0002	.0102	.1002	.0187	.0483	.1031	.0026
Errors	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value		.0100	.1000	.0200	.0500	.1000	
Range		50.00	50.00	50.00	50.00	50.00	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	.0711	.0003	.0306	.0211	-.0876	.0008
SDev	.0008	.0000	.0049	.0002	.0011	.1153	.0009
%RSD	98.24	.0465	1540.	.5540	5.282	131.7	117.7
#1	-.0002	.0711	.0038	.0307	.0218	-.0060	.0014
#2	-.0013	.0711	-.0032	.0305	.0203	-.1691	.0001
Errors	NOCHECK	QC Pass	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK
Value		.1000		.0300	.0200		
Range		50.00		50.00	50.00		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0804	.1120	.0048	.0070	.0023	-.0023	.1163
SDev	.0005	.0061	.0022	.0024	.0022	.0114	.0017
%RSD	.6338	5.439	46.04	33.71	94.43	506.1	1.494
#1	.0807	.1077	.0063	.0053	.0039	-.0103	.1175
#2	.0800	.1163	.0032	.0087	.0008	.0058	.1151
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value	.0800	.1000					.1200
Range	50.00	50.00					50.00

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.94	.0146	.0126	.1050	.0063	.0133	.1007
SDev	.26	.0079	.0015	.0014	.0008	.0037	.0017
%RSD	.2619	54.39	12.25	1.303	13.41	27.71	1.690
#1	98.76	.0090	.0115	.1060	.0057	.0107	.0995
#2	99.12	.0202	.0137	.1040	.0069	Q.0158	.1019
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				.1000	.0060	.0100	.1000
Range				50.00	50.00	50.00	50.00

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0212	.0031	.0202	.0194	.1741	.1008	-.0000
SDev	.0000	.0044	.0003	.0002	.0135	.0005	.0001
%RSD	.0419	142.0	1.245	.8068	7.729	.5212	213.6
#1	.0212	.0062	.0204	.0193	.1836	.1012	-.0001
#2	.0212	-.0000	.0200	.0195	.1646	.1004	.0000
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.0200		.0200	.0200	.2000	.1000	
Range	50.00		50.00	50.00	50.00	50.00	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	.0413	.0831
SDev	.0001	.0001	.0004
%RSD	76.43	.2595	.5437
#1	-.0000	.0413	.0835
#2	-.0001	.0412	.0828
Errors	NOCHECK	QC Pass	QC Pass
Value		.0400	.1000
Range		50.00	50.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	913156	10000	--	--	--	--	--
SDev	2378.707	.0000000	--	--	--	--	--
%RSD	.2604930	.0000000	--	--	--	--	--
#1	911474	10000	--	--	--	--	--
#2	914838	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsa Operator:
Run Time: 10/12/07 12:22:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0021	518.4	.0092	-.0064	.0011	.0002	-.0079
SDev	.0005	1.2	.0036	.0019	.0000	.0000	.0062
%RSD	21.83	.2286	39.35	29.23	2.335	18.03	78.78
#1	-.0018	519.2	.0117	-.0051	.0011	.0002	-.0035
#2	-.0024	517.5	.0066	-.0077	.0011	.0002	-.0123
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value		500.0					
Range		20.00					

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	463.9	.0050	-.0008	-.0013	.0022	189.4	-.0083
SDev	4.4	.0006	.0003	.0007	.0002	1.5	.0487
%RSD	.9466	11.97	34.12	56.31	7.604	.7777	585.0
#1	467.0	.0055	-.0006	-.0008	.0023	190.4	.0261
#2	460.8	.0046	-.0010	-.0018	.0021	188.3	-.0428
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.0					200.0	
Range	20.00					20.00	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	.0030	539.1	.0017	-.0019	.5891	.0143
SDev	.0006	.0001	3.1	.0001	.0000	.4971	.0037
%RSD	121.1	2.612	.5828	6.437	2.199	84.39	25.98
#1	-.0001	.0031	541.3	.0017	-.0019	.9406	.0169
#2	-.0010	.0030	536.9	.0016	-.0019	.2375	.0117
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value			500.0				
Range			20.00				

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	-.0055	-.0168	.0138	.0086	.0272	.0053
SDev	.0003	.0111	.0064	.0020	.0106	.0115	.0045
%RSD	48.57	202.8	38.07	14.49	123.1	42.26	84.60
#1	-.0004	.0024	-.0123	.0124	.0161	.0354	.0021
#2	-.0008	-.0134	-.0214	.0152	.0011	.0191	.0085
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.31	.0135	-.0245	-.0122	.0036	-.0118	-.0005
SDev	1.70	.0121	.0103	.0004	.0008	.0028	.0049
%RSD	1.949	89.70	41.97	2.938	22.29	23.79	1072.
#1	86.11	.0221	-.0318	-.0120	.0042	-.0138	.0030
#2	88.51	.0050	-.0172	-.0125	.0030	-.0098	-.0039
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0084	-.0390	.0005	.0135	-.1757	.0007	.0102
SDev	.0000	.0049	.0002	.0042	.0442	.0002	.0011
%RSD	.1863	12.49	39.35	30.92	25.14	27.37	10.93
#1	.0084	-.0424	.0006	.0164	-.1444	.0006	.0094
#2	.0084	-.0355	.0003	.0105	-.2069	.0009	.0110
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0012	.0040	-.0014
SDev	.0000	.0005	.0003
%RSD	2.994	12.82	21.53
#1	-.0012	.0036	-.0012
#2	-.0012	.0044	-.0017
Errors	NOCHECK	NOCHECK	NOCHECK
Value			
Range			

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	805770	10000	--	--	--	--	--
SDev	15705.55	.0000000	--	--	--	--	--
%RSD	1.949137	.0000000	--	--	--	--	--
#1	794664	10000	--	--	--	--	--
#2	816875	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsab Operator:
Run Time: 10/12/07 12:27:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.091	513.0	1.052	1.046	.5361	.4956	.0066
SDev	.001	.9	.004	.002	.0019	.0029	.0024
%RSD	.0836	.1658	.3984	.2188	.3627	.5871	36.81
#1	1.090	512.4	1.049	1.044	.5374	.4935	.0049
#2	1.092	513.6	1.055	1.047	.5347	.4976	.0083
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.000	500.0	1.000	1.000	.5000	.5000	
Range	20.00	20.00	20.00	20.00	20.00	20.00	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	460.2	.9768	.4889	.4948	.5608	188.1	.0191
SDev	3.7	.0079	.0006	.0041	.0005	1.2	.0452
%RSD	.8004	.8093	.1240	.8246	.0935	.6218	236.8
#1	457.6	.9713	.4885	.4920	.5612	187.2	-.0129
#2	462.8	.9824	.4893	.4977	.5604	188.9	.0511
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	500.0	1.000	.5000	.5000	.5000	200.0	
Range	20.00	20.00	20.00	20.00	20.00	20.00	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0006	1.225	536.1	.5102	1.023	.9028	.0123
SDev	.0002	.010	3.2	.0027	.004	.1840	.0055
%RSD	31.64	.8432	.5964	.5249	.3424	20.38	44.56
#1	.0007	1.233	533.9	.5083	1.020	.7727	.0084
#2	.0005	1.218	538.4	.5120	1.025	1.033	.0162
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			500.0	.5000	1.000		
Range			20.00	20.00	20.00		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9244	1.054	.9888	.9926	.0159	.0208	1.033
SDev	.0022	.013	.0155	.0126	.0120	.0190	.020
%RSD	.2369	1.274	1.566	1.269	75.35	91.53	1.949
#1	.9229	1.063	.9778	.9837	.0074	.0342	1.048
#2	.9260	1.044	.9997	1.001	.0244	.0073	1.019
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value	1.000						1.000
Range	20.00						20.00

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.77	1.007	.9847	1.039	.9913	.9920	1.043
SDev	1.51	.006	.0172	.001	.0136	.0136	.000
%RSD	1.735	.6233	1.749	.0548	1.367	1.368	.0367
#1	87.84	1.002	.9725	1.039	.9817	.9824	1.044
#2	85.71	1.011	.9969	1.038	1.001	1.002	1.043
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				1.000	1.000	1.000	1.000
Range				20.00	20.00	20.00	20.00

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.049	-.0254	.9779	1.010	.9018	.5151	.0063
SDev	.002	.0080	.0015	.002	.0147	.0043	.0045
%RSD	.1769	31.70	.1509	.1890	1.631	.8417	71.84
#1	1.050	-.0311	.9768	1.011	.8914	.5120	.0095
#2	1.047	-.0197	.9789	1.008	.9122	.5182	.0031
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.000			1.000	1.000	.5000	
Range	20.00			20.00	20.00	20.00	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0010	.9648	.8453
SDev	.0002	.0120	.0001
%RSD	22.00	1.238	.0166
#1	-.0012	.9563	.8454
#2	-.0009	.9732	.8452
Errors	NOCHECK	QC Pass	QC Pass
Value		1.000	1.000
Range		20.00	20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	800896	10000	--	--	--	--	--
SDev	13867.78	.0000000	--	--	--	--	--
%RSD	1.731533	.0000000	--	--	--	--	--
#1	810702	10000	--	--	--	--	--
#2	791090	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icv/ccv Operator:
Run Time: 10/12/07 12:32:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9900	9.825	5.152	5.111	10.06	1.016	4.927
SDev	.0005	.024	.032	.009	.04	.003	.011
%RSD	.0497	.2448	.6292	.1852	.3864	.2702	.2297
#1	.9904	9.842	5.175	5.118	10.09	1.014	4.935
#2	.9897	9.808	5.129	5.104	10.03	1.018	4.919
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	10.00	5.000	5.000	10.00	1.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.88	1.037	5.038	1.966	2.018	10.60	18.57
SDev	.12	.002	.013	.003	.016	.02	.27
%RSD	.6104	.2393	.2491	.1637	.7966	.2019	1.478
#1	19.80	1.035	5.029	1.964	2.030	10.59	18.76
#2	19.97	1.039	5.047	1.968	2.007	10.62	18.37
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	20.00	1.000	5.000	2.000	2.000	10.00	20.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.027	4.763	20.26	1.019	5.104	27.93	Q42.62
SDev	.013	.044	.02	.004	.011	.18	.31
%RSD	.2501	.9203	.0751	.3492	.2107	.6616	.7280
#1	5.036	4.794	20.25	1.017	5.096	28.07	Q42.84
#2	5.018	4.732	20.27	1.022	5.111	27.80	Q42.40
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	20.00	1.000	5.000	30.00	30.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.873	5.189	4.915	4.907	1.028	1.015	1.006
SDev	.007	.031	.113	.055	.004	.006	.006
%RSD	.1481	.5937	2.306	1.126	.4286	.5635	.6381
#1	4.868	5.211	4.835	4.868	1.031	1.019	1.010
#2	4.878	5.168	4.995	4.946	1.025	1.011	1.001
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	5.000	5.000			1.000	1.000	1.000
Range	10.00	10.00			10.00	10.00	10.00

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.32	5.188	5.143	5.074	4.910	5.158	5.128
SDev	1.01	.135	.073	.004	.075	.094	.004
%RSD	1.047	2.600	1.417	.0868	1.519	1.814	.0784
#1	97.04	5.093	5.091	5.077	4.857	5.092	5.131
#2	95.61	5.283	5.194	5.071	4.963	5.224	5.125
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				5.000	5.000	5.000	5.000
Range				10.00	10.00	10.00	10.00

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.036	1.004	4.947	5.257	.9596	5.068	1.008
SDev	.025	.003	.006	.017	.0543	.002	.003
%RSD	.4972	.3163	.1289	.3317	5.662	.0490	.2649
#1	5.054	1.002	4.952	5.269	.9212	5.067	1.006
#2	5.018	1.006	4.943	5.244	.9980	5.070	1.010
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	1.000	5.000	5.000	1.000	5.000	1.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.034	1.033	4.957
SDev	.002	.008	.014
%RSD	.0489	.7613	.2737
#1	5.035	1.027	4.966
#2	5.032	1.038	4.947
Errors	QC Pass	QC Pass	QC Pass
Value	5.000	1.000	5.000
Range	10.00	10.00	10.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	889024	10000	--	--	--	--	--
SDev	9300.575	.0000000	--	--	--	--	--
%RSD	1.046156	.0000000	--	--	--	--	--
#1	895600	10000	--	--	--	--	--
#2	882447	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icb/ccb Operator:
Run Time: 10/12/07 12:37:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0015	-.0166	-.0027	.0016	-.0002	-.0001	-.0074
SDev	.0012	.0077	.0003	.0038	.0000	.0000	.0017
%RSD	82.17	46.27	11.18	233.5	13.48	22.26	22.92
#1	-.0006	-.0111	-.0024	.0043	-.0002	-.0001	-.0062
#2	-.0024	-.0220	-.0029	-.0011	-.0002	-.0001	-.0086
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0013	-.0004	-.0012	-.0020	-.0017	-.0129	-.0097
SDev	.0018	.0000	.0005	.0003	.0004	.0191	.0244
%RSD	140.5	5.385	41.28	15.58	25.30	148.5	249.9
#1	-.0000	-.0004	-.0009	-.0018	-.0014	.0006	.0075
#2	-.0025	-.0004	-.0016	-.0022	-.0020	-.0264	-.0270
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0021	-.0007	-.0083	-.0002	-.0004	L-.3154	.0034
SDev	.0013	.0002	.0084	.0001	.0011	.1928	.0012
%RSD	63.66	30.66	100.6	20.30	288.6	61.13	36.85
#1	-.0011	-.0008	-.0024	-.0002	-.0012	L-.1791	.0042
#2	-.0030	-.0005	-.0142	-.0003	.0004	L-.4518	.0025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0025	.0052	.0036	-.0019	-.0033	-.0013	-.0093
SDev	.0012	.0011	.0063	.0017	.0048	.0050	.0011
%RSD	46.52	20.92	174.6	86.45	146.6	377.4	12.21
#1	-.0033	.0045	-.0008	-.0007	.0001	.0022	-.0085
#2	-.0017	.0060	.0080	-.0031	L-.0067	-.0048	L-.0101
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0200	.0100
Low	-.0050	-.0100			-.0050	-.0200	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.0	.0050	-.0003	-.0071	-.0001	.0014	-.0000
SDev	1.6	.0059	.0001	.0067	.0010	.0019	.0032
%RSD	1.548	118.8	21.44	95.03	1614.	133.1	7571.
#1	99.94	.0008	-.0003	-.0023	-.0008	.0001	.0022
#2	102.1	.0091	-.0004	L-.0118	.0006	.0028	-.0023
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	-.0045	-.0004	-.0034	-.0832	-.0014	-.0001
SDev	.0001	.0024	.0001	.0043	.0543	.0002	.0010
%RSD	160.0	52.90	33.95	126.9	65.20	12.31	1030.
#1	.0000	-.0061	-.0003	-.0003	-.0449	-.0013	.0006
#2	-.0001	-.0028	-.0005	-.0064	L-.1216	-.0015	-.0008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0004	-.0002	-.0026
SDev	.0001	.0000	.0007
%RSD	17.86	17.47	26.52
#1	-.0004	-.0002	-.0021
#2	-.0005	-.0002	-.0031
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	932556	10000	--	--	--	--	--
SDev	14470.94	.0000000	--	--	--	--	--
%RSD	1.551749	.0000000	--	--	--	--	--
#1	922324	10000	--	--	--	--	--
#2	942789	10000	--	--	--	--	--

Method: DAILY2 Sample Name: PBWT-K01E5 PG70-009 Operator:
Run Time: 10/12/07 12:41:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0015	.0366	.0017	.0269	.0004	.0001	.0047
SDev	.0020	.0113	.0019	.0019	.0001	.0001	.0062
%RSD	137.1	30.83	110.4	7.042	32.10	40.39	132.3
#1	.0000	.0286	.0030	.0256	.0003	.0001	.0003
#2	.0029	.0446	.0004	.0282	.0005	.0002	.0091

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0650	.0003	.0016	.0706	.0021	.0723	.0694
SDev	.0036	.0003	.0013	.0017	.0005	.0471	.0272
%RSD	5.551	103.8	81.93	2.459	24.49	65.15	39.26
#1	.0625	.0001	.0007	.0693	.0017	.0390	.0501
#2	.0676	.0005	.0025	.0718	.0024	.1056	.0886

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0025	.0037	.0223	.0006	.0007	.2928	.0264
SDev	.0018	.0001	.0090	.0001	.0001	.1798	.0033
%RSD	70.43	4.120	40.44	21.14	15.34	61.41	12.66
#1	.0013	.0036	.0159	.0005	.0006	.1657	.0287
#2	.0038	.0038	.0286	.0007	.0008	.4200	.0240

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	.0307	.0011	-.0018	.0139	.0576	.0012
SDev	.0009	.0095	.0009	.0021	.0065	.0022	.0078
%RSD	351.2	30.84	78.88	116.2	46.23	3.758	652.3
#1	-.0004	.0374	.0018	-.0033	.0094	.0592	-.0043
#2	.0009	.0240	.0005	-.0003	.0185	.0561	.0067

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.36	-.0009	-.0002	.0325	-.0008	-.0004	.0060
SDev	2.16	.0037	.0034	.0061	.0011	.0035	.0021
%RSD	2.393	427.5	1622.	18.63	135.1	841.8	35.55
#1	91.89	-.0035	-.0026	.0282	-.0016	-.0029	.0045
#2	88.83	.0017	.0022	.0368	-.0000	.0021	.0075

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	.0003	.0027	.0010	.0735	.0012	.0139
SDev	.0001	.0021	.0002	.0091	.0655	.0002	.0029
%RSD	34.20	672.8	8.494	950.0	89.09	16.71	20.91
#1	.0002	-.0012	.0025	-.0055	.0272	.0010	.0118
#2	.0003	.0018	.0029	.0074	.1198	.0013	.0159

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0031	.0011
SDev	.0001	.0004	.0012
%RSD	220.4	12.21	106.1
#1	-.0000	.0029	.0003
#2	.0001	.0034	.0020

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	833968	10000	--	--	--	--	--
SDev	19971.52	.0000000	--	--	--	--	--
%RSD	2.394759	.0000000	--	--	--	--	--
#1	848090	10000	--	--	--	--	--
#2	819846	10000	--	--	--	--	--

Method: DAILY2 Sample Name: LCSW-K01E5 Operator:
Run Time: 10/12/07 12:46:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1013	3.957	4.139	.0198	4.077	.1056	.0029
SDev	.0010	.009	.009	.0030	.007	.0001	.0093
%RSD	.9770	.2245	.2052	15.07	.1788	.1392	318.5
#1	.1020	3.963	4.145	.0177	4.082	.1055	.0095
#2	.1006	3.950	4.133	.0220	4.071	.1057	-.0036

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.25	.1035	1.014	.4368	.4954	2.245	15.33
SDev	.08	.0000	.001	.0008	.0001	.057	.06
%RSD	.3796	.0189	.0676	.1909	.0299	2.559	.3815
#1	20.20	.1035	1.013	.4362	.4953	2.286	15.37
#2	20.31	.1035	1.014	.4374	.4955	2.205	15.28

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0011	.0044	20.30	1.034	-.0002	17.53	27.32
SDev	.0012	.0002	.01	.001	.0011	.29	.04
%RSD	108.6	4.555	.0692	.0577	549.8	1.654	.1290
#1	.0020	.0043	20.31	1.033	-.0010	17.74	27.34
#2	.0003	.0046	20.29	1.034	.0006	17.33	27.29

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9807	.0322	.9977	.9911	.0043	.0633	1.030
SDev	.0011	.0000	.0027	.0108	.0064	.0075	.004
%RSD	.1109	.0113	.2659	1.091	149.6	11.81	.3900
#1	.9800	.0322	.9958	.9835	.0088	.0686	1.033
#2	.9815	.0322	.9996	.9988	-.0002	.0580	1.027

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	94.78	4.285	4.242	.0232	.9933	4.257	.0033
SDev	.10	.009	.013	.0063	.0081	.012	.0018
%RSD	.1032	.2150	.3047	26.95	.8147	.2743	56.03
#1	94.71	4.279	4.233	.0276	.9876	4.248	.0046
#2	94.85	4.292	4.251	.0188	.9990	4.265	.0020

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0006	-.0218	.0009	4.228	.0216	1.010	.0065
SDev	.0001	.0033	.0002	.001	.0465	.000	.0034
%RSD	10.96	15.03	22.70	.0322	215.6	.0205	52.87
#1	.0006	-.0242	.0008	4.227	.0545	1.010	.0089
#2	.0005	-.0195	.0010	4.229	-.0113	1.010	.0041

Elem	Y_371C	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0004	1.063	.0002
SDev	.0001	.003	.0006
%RSD	34.49	.3028	392.8
#1	-.0005	1.061	-.0003
#2	-.0003	1.065	.0006

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	874791	10000	--	--	--	--	--
SDev	916.4104	.0000000	--	--	--	--	--
%RSD	.1047576	.0000000	--	--	--	--	--
#1	874143	10000	--	--	--	--	--
#2	875439	10000	--	--	--	--	--

Method: DAILY2 Sample Name: SRMT-278 DF10 Operator:
Run Time: 10/12/07 12:51:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0014	72.19	.0055	-.0016	.9311	.0027	-.0033
SDev	.0032	.32	.0010	.0025	.0014	.0002	.0151
%RSD	225.3	.4384	18.02	154.7	.1456	7.511	456.5
#1	.0009	71.96	.0062	.0002	.9302	.0028	.0073
#2	-.0037	72.41	.0048	-.0034	.9321	.0025	-.0139

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.131	-.0001	.0052	.0100	.0068	14.47	27.34
SDev	.052	.0004	.0036	.0013	.0018	.07	.19
%RSD	.7305	296.1	67.94	12.51	26.00	.4596	.6962
#1	7.168	.0002	.0078	.0109	.0080	14.51	27.21
#2	7.094	-.0004	.0027	.0091	.0055	14.42	27.48

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0294	.0456	1.474	.4038	.0039	33.38	50.69
SDev	.0042	.0002	.047	.0019	.0004	.24	.43
%RSD	14.14	.4670	3.216	.4576	10.22	.7306	.8417
#1	.0323	.0454	1.507	.4051	.0036	33.56	50.39
#2	.0264	.0457	1.440	.4025	.0042	33.21	50.99

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0055	.1720	.0173	.0165	.0046	.0364	.0044
SDev	.0024	.0067	.0007	.0015	.0127	.0051	.0019
%RSD	44.12	3.880	4.225	8.885	278.9	14.07	42.82
#1	.0072	.1767	.0167	.0155	.0136	.0400	.0057
#2	.0038	.1672	.0178	.0175	-.0044	.0328	.0031

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	95.06	-.0025	.0031	.0162	.0168	.0013	.0053
SDev	1.99	.0043	.0006	.0134	.0012	.0010	.0024
%RSD	2.094	173.7	19.23	82.65	7.279	81.48	45.07
#1	93.66	.0006	.0027	.0257	.0159	.0020	.0070
#2	96.47	-.0055	.0036	.0067	.0176	.0005	.0036

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0651	.0141	1.377	.0049	-.0641	.0083	.0050
SDev	.0002	.0017	.001	.0028	.1620	.0012	.0034
%RSD	.2796	11.87	.0860	56.85	252.7	14.65	67.24
#1	.0650	.0129	1.376	.0069	.0504	.0092	.0073
#2	.0652	.0152	1.378	.0029	-.1786	.0074	.0026

Elem	Y_371C	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0380	.0529	.2555
SDev	.0000	.0011	.0009
%RSD	.0050	2.096	.3515
#1	.0380	.0536	.2561
#2	.0380	.0521	.2548

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	877350	10000	--	--	--	--	--
SDev	18409.53	.0000000	--	--	--	--	--
%RSD	2.098309	.0000000	--	--	--	--	--
#1	864333	10000	--	--	--	--	--
#2	890368	10000	--	--	--	--	--

Method: DAILY2 Sample Name: SRTMT-688 DF10 Operator:
Run Time: 10/12/07 12:56:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	93.14	.0018	-.0089	.1813	.0006	-.0011
SDev	.0016	.14	.0006	.0011	.0014	.0001	.0054
%RSD	233.7	.1513	33.33	12.20	.8024	11.72	514.8
#1	.0004	93.24	.0022	-.0097	.1823	.0007	.0028
#2	-.0018	93.04	.0014	-.0082	.1802	.0006	-.0049

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.79	.0014	.0513	.3207	.0967	73.41	1.530
SDev	.09	.0002	.0018	.0029	.0006	.13	.111
%RSD	.0988	12.38	3.466	.8889	.6073	.1825	7.285
#1	87.73	.0016	.0526	.3187	.0963	73.31	1.609
#2	87.85	.0013	.0501	.3227	.0971	73.50	1.451

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0051	.0100	53.18	1.322	-.0007	15.64	24.19
SDev	.0022	.0002	.04	.002	.0006	.45	.21
%RSD	43.38	2.399	.0732	.1296	90.85	2.863	.8596
#1	.0066	.0102	53.16	1.321	-.0011	15.96	24.34
#2	.0035	.0099	53.21	1.323	-.0002	15.33	24.04

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1540	.6407	.0072	.0026	.0065	.1295	-.0048
SDev	.0005	.0126	.0010	.0023	.0095	.0144	.0023
%RSD	.3349	1.959	13.38	90.23	146.7	11.12	47.21
#1	.1536	.6496	.0079	.0009	.0132	.1397	-.0064
#2	.1544	.6318	.0066	.0043	-.0002	.1193	-.0032

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	94.89	.0000	-.0011	.0130	.0042	-.0007	-.0001
SDev	.45	.0028	.0011	.0069	.0012	.0017	.0023
%RSD	.4750	5646.	102.3	52.66	29.83	243.9	1979.
#1	95.21	-.0019	-.0018	.0179	.0033	-.0019	.0015
#2	94.57	.0020	-.0003	.0082	.0050	.0005	-.0018

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1765	-.0503	6.936	.0004	-.0488	.2659	.0015
SDev	.0002	.0052	.007	.0037	.0823	.0011	.0009
%RSD	.1182	10.23	.0945	859.8	168.5	.4343	59.37
#1	.1766	-.0540	6.932	-.0022	.0093	.2651	.0009
#2	.1763	-.0467	6.941	.0031	-.1070	.2667	.0021

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0189	.0802	.0506
SDev	.0002	.0003	.0001
%RSD	1.290	.3136	.2275
#1	.0187	.0804	.0505
#2	.0190	.0800	.0507

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	875719	10000	--	--	--	--	--
SDev	4180.416	.0000000	--	--	--	--	--
%RSD	.4773695	.0000000	--	--	--	--	--
#1	878675	10000	--	--	--	--	--
#2	872763	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 306256 Operator:
Run Time: 10/12/07 13:01:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0021	19.68	.3248	.5396	.6654	.0003	-.0048
SDev	.0002	.13	.0061	.0013	.0046	.0000	.0003
%RSD	7.678	.6575	1.872	.2317	.6925	12.89	6.326
#1	-.0022	19.59	.3291	.5405	.6622	.0003	-.0045
#2	-.0020	19.78	.3205	.5387	.6687	.0002	-.0050

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.531	-.0001	.0018	14.09	.0032	2.535	197.7
SDev	.020	.0001	.0008	.12	.0001	.036	2.6
%RSD	1.327	88.64	42.81	.8490	3.775	1.425	1.304
#1	1.546	-.0001	.0013	14.18	.0031	2.561	195.8
#2	1.517	-.0002	.0024	14.01	.0032	2.510	199.5

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0017	.1299	8.163	.0114	.0020	4063.	S-39.37
SDev	.0004	.0044	.054	.0002	.0006	14.	4.82
%RSD	22.22	3.421	.6595	1.750	32.28	.3442	12.25
#1	-.0020	.1267	8.201	.0116	.0016	4053.	S-42.78
#2	-.0014	.1330	8.125	.0113	.0025	4073.	S-35.96

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0007	43.76	-.0037	.0065	-.0030	34.51	.0146
SDev	.0002	.13	.0007	.0035	.0051	.31	.0034
%RSD	23.26	.3053	20.10	53.40	172.7	.8890	23.30
#1	.0008	43.85	-.0042	.0090	.0007	34.29	.0170
#2	.0006	43.66	-.0032	.0040	-.0066	34.73	.0122

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.36	-.0008	.0040	-.2841	.0031	.0024	.0050
SDev	2.17	.0009	.0014	.0001	.0021	.0006	.0035
%RSD	2.571	120.9	33.94	.0529	66.47	24.36	71.49
#1	82.83	-.0015	.0050	-.2842	.0046	.0028	.0075
#2	85.89	-.0001	.0030	-.2840	.0016	.0020	.0025

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0245	-.0087	.0247	.0015	-.0781	.0033	.0015
SDev	.0001	.0009	.0000	.0021	.0065	.0002	.0008
%RSD	.5015	10.47	.0079	138.6	8.298	7.292	53.86
#1	.0244	-.0094	.0247	.0030	-.0826	.0035	.0010
#2	.0246	-.0081	.0247	.0000	-.0735	.0031	.0021

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0118	.0014
SDev	.0001	.0001	.0002
%RSD	38.04	1.244	11.85
#1	.0002	.0119	.0013
#2	.0001	.0117	.0015

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	778624	10000	--	--	--	--	--
SDev	20016.78	.0000000	--	--	--	--	--
%RSD	2.570789	.0000000	--	--	--	--	--
#1	764470	10000	--	--	--	--	--
#2	792778	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 306257 Operator:
Run Time: 10/12/07 13:05:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0014	19.02	.2532	.3576	.2214	.0004	.0012
SDev	.0015	.02	.0041	.0042	.0002	.0000	.0021
%RSD	106.4	.1294	1.618	1.161	.0888	6.320	179.0
#1	.0004	19.04	.2561	.3605	.2216	.0004	.0026
#2	.0025	19.00	.2503	.3547	.2213	.0004	-.0003

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.603	.0001	.0025	11.15	.0055	3.286	155.2
SDev	.005	.0006	.0006	.00	.0010	.063	.0
%RSD	.3323	471.0	25.09	.0384	18.24	1.903	.0073
#1	1.600	-.0003	.0020	11.16	.0063	3.242	155.2
#2	1.607	.0005	.0029	11.15	.0048	3.330	155.2

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0015	.1187	7.632	.0166	.0021	3251.	S-9.662
SDev	.0021	.0043	.005	.0002	.0004	8.	2.019
%RSD	145.9	3.594	.0715	.9589	19.74	.2452	20.89
#1	-.0000	.1156	7.636	.0167	.0018	3256.	S-8.235
#2	.0030	.1217	7.628	.0164	.0024	3245.	S-11.09

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0036	37.50	-.0029	.0065	.0154	30.23	.0164
SDev	.0003	.21	.0020	.0026	.0120	.15	.0029
%RSD	8.557	.5559	66.71	40.35	77.99	.5032	17.64
#1	.0038	37.65	-.0043	.0083	.0069	30.12	.0144
#2	.0033	37.35	-.0016	.0046	.0240	30.34	.0184

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.02	.0048	.0023	-.2163	.0033	.0031	.0017
SDev	1.43	.0015	.0028	.0068	.0011	.0024	.0000
%RSD	1.706	32.07	121.4	3.164	32.43	75.88	1.743
#1	83.01	.0058	.0043	-.2211	.0041	.0048	.0017
#2	85.03	.0037	.0003	-.2115	.0026	.0015	.0016

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0174	-.0037	.0263	.0030	.0451	.0044	.0273
SDev	.0001	.0067	.0001	.0060	.0854	.0007	.0024
%RSD	.3457	182.4	.3787	199.6	189.4	16.15	8.760
#1	.0173	.0011	.0263	-.0012	-.0153	.0049	.0256
#2	.0174	-.0085	.0262	.0073	.1055	.0039	.0290

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0006	.0141	.0051
SDev	.0002	.0007	.0003
%RSD	44.14	4.976	6.004
#1	.0007	.0136	.0053
#2	.0004	.0146	.0049

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	775458	10000	--	--	--	--	--
SDev	13239.16	.0000000	--	--	--	--	--
%RSD	1.707271	.0000000	--	--	--	--	--
#1	766096	10000	--	--	--	--	--
#2	784819	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 306257D Operator:
Run Time: 10/12/07 13:10:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0008	18.83	.2550	.3974	.2284	.0003	.0029
SDev	.0007	.03	.0053	.0001	.0004	.0001	.0057
%RSD	93.31	.1629	2.076	.0198	.1747	16.38	193.3
#1	.0013	18.85	.2512	.3974	.2281	.0004	.0070
#2	.0003	18.81	.2587	.3975	.2287	.0003	-.0011

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.574	.0001	.0022	10.98	.0036	3.118	155.2
SDev	.011	.0002	.0001	.04	.0005	.064	.5
%RSD	.6699	279.0	4.818	.4003	14.87	2.052	.2962
#1	1.581	.0002	.0021	11.01	.0040	3.163	154.9
#2	1.566	-.0001	.0023	10.95	.0032	3.073	155.6

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0013	.1161	7.395	.0151	.0013	3218.	S-8.200
SDev	.0010	.0016	.043	.0001	.0002	7.	1.618
%RSD	79.50	1.397	.5791	.5117	17.45	.2260	19.73
#1	.0020	.1149	7.425	.0152	.0015	3223.	S-9.344
#2	.0006	.1172	7.365	.0151	.0011	3213.	S-7.056

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0011	37.10	.0027	.0034	.0102	30.17	.0089
SDev	.0012	.20	.0019	.0033	.0072	.01	.0010
%RSD	110.3	.5433	67.42	99.54	70.77	.0311	11.40
#1	.0019	36.96	.0014	.0057	.0152	30.18	.0082
#2	.0002	37.24	.0040	.0010	.0051	30.16	.0096

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.64	.0075	.0011	-.2100	.0032	.0033	.0030
SDev	1.35	.0009	.0019	.0059	.0016	.0009	.0009
%RSD	1.563	12.33	165.4	2.805	51.01	28.56	28.23
#1	85.69	.0068	.0024	-.2058	.0043	.0039	.0036
#2	87.60	.0081	-.0002	-.2142	.0020	.0026	.0024

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0171	-.0093	.0246	.0034	.0158	.0016	.0104
SDev	.0000	.0017	.0003	.0024	.0427	.0000	.0049
%RSD	.0483	18.13	1.195	70.97	270.9	.9912	47.24
#1	.0172	-.0081	.0248	.0017	.0460	.0016	.0139
#2	.0171	-.0105	.0244	.0051	-.0144	.0016	.0069

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0000	.0160	.0015
SDev	.0001	.0005	.0016
%RSD	1374.	3.224	106.6
#1	.0001	.0163	.0027
#2	-.0001	.0156	.0004

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	799700	10000	--	--	--	--	--
SDev	12495.28	.0000000	--	--	--	--	--
%RSD	1.562497	.0000000	--	--	--	--	--
#1	790864	10000	--	--	--	--	--
#2	808535	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 305703 DF10 Operator:
Run Time: 10/12/07 13:15:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0012	.0335	-.0018	-.0033	.0020	-.0001	-.0032
SDev	.0011	.0024	.0013	.0004	.0001	.0000	.0039
%RSD	89.91	7.062	74.34	13.19	3.994	.5392	121.5
#1	-.0020	.0351	-.0027	-.0036	.0021	-.0001	-.0059
#2	-.0004	.0318	-.0008	-.0030	.0020	-.0001	-.0004

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1062	.0003	-.0001	.0162	.0007	.0732	.1546
SDev	.0012	.0002	.0006	.0043	.0004	.0008	.0334
%RSD	1.154	73.15	822.4	26.39	57.92	1.096	21.61
#1	.1071	.0001	-.0005	.0192	.0009	.0726	.1782
#2	.1054	.0004	.0004	.0132	.0004	.0737	.1309

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0013	.0020	.0158	.0013	-.0007	2.689	3.148
SDev	.0016	.0004	.0099	.0001	.0005	.721	.917
%RSD	120.7	22.37	62.43	7.334	71.14	26.83	29.13
#1	-.0025	.0023	.0088	.0013	-.0010	3.199	3.797
#2	-.0002	.0017	.0228	.0012	-.0003	2.178	2.500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0026	.2693	-.0027	.0054	-.0041	.1940	-.0040
SDev	.0003	.0153	.0075	.0046	.0036	.0032	.0029
%RSD	9.582	5.675	273.8	85.14	88.33	1.664	72.96
#1	.0024	.2801	-.0080	.0086	-.0015	.1962	-.0019
#2	.0028	.2585	.0025	.0021	-.0066	.1917	-.0061

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	94.80	-.0050	.0041	.0070	.0027	.0010	.0007
SDev	.05	.0073	.0050	.0049	.0006	.0009	.0005
%RSD	.0510	144.4	122.5	70.02	21.33	86.10	66.75
#1	94.76	-.0102	.0076	.0035	.0031	.0017	.0004
#2	94.83	.0001	.0005	.0105	.0023	.0004	.0011

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0008	.0017	.0046	-.0024	-.0602	-.0000	-.0591
SDev	.0001	.0028	.0000	.0010	.0529	.0006	.0054
%RSD	7.851	162.4	.9579	43.38	87.83	1290.	9.182
#1	.0007	.0037	.0046	-.0016	-.0976	-.0005	-.0552
#2	.0008	-.0003	.0046	-.0031	-.0228	.0004	-.0629

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	74.85	.0058
SDev	.0000	.47	.0005
%RSD	46.59	.6287	8.568
#1	-.0001	74.52	.0054
#2	-.0001	75.18	.0061

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	874902	10000	--	--	--	--	--
SDev	403.0509	.0000000	--	--	--	--	--
%RSD	.0460681	.0000000	--	--	--	--	--
#1	874617	10000	--	--	--	--	--
#2	875187	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 306703D DF10 Operator:
Run Time: 10/12/07 13:20:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	.0457	-.0002	-.0016	.0022	-.0001	-.0027
SDev	.0009	.0120	.0017	.0053	.0003	.0001	.0023
%RSD	298.9	26.15	805.7	321.1	11.40	171.5	83.69
#1	.0009	.0542	.0010	.0021	.0023	.0000	-.0011
#2	-.0003	.0373	-.0014	-.0054	.0020	-.0001	-.0043

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1097	.0003	.0010	.0124	.0024	.1197	.1822
SDev	.0052	.0004	.0003	.0026	.0016	.0428	.0374
%RSD	4.698	152.5	32.30	20.49	66.20	35.75	20.55
#1	.1134	.0006	.0012	.0142	.0035	.1500	.2086
#2	.1061	-.0000	.0008	.0106	.0013	.0894	.1557

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0010	.0253	.0013	-.0008	2.543	2.436
SDev	.0019	.0005	.0128	.0002	.0006	.290	.020
%RSD	388.7	53.23	50.72	15.22	73.21	11.39	.8234
#1	.0018	.0014	.0343	.0015	-.0004	2.338	2.422
#2	-.0008	.0006	.0162	.0012	-.0012	2.748	2.450

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0049	.2044	.0011	-.0001	.0076	.2204	-.0034
SDev	.0001	.0155	.0019	.0022	.0091	.0002	.0006
%RSD	1.242	7.608	165.3	2160.	119.9	.1109	16.68
#1	.0049	.1934	.0025	-.0017	.0141	.2206	-.0030
#2	.0048	.2154	-.0002	.0015	.0012	.2202	-.0039

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.61	-.0028	-.0021	.0135	.0003	-.0023	.0018
SDev	4.63	.0038	.0034	.0051	.0008	.0010	.0044
%RSD	5.111	137.4	165.1	37.82	258.9	44.65	250.5
#1	87.33	-.0001	-.0045	.0171	-.0003	-.0030	.0049
#2	93.88	-.0054	.0003	.0099	.0009	-.0016	-.0014

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0008	.0034	.0046	-.0040	.0042	.0009	-.0722
SDev	.0001	.0058	.0005	.0021	.0589	.0017	.0145
%RSD	7.204	169.7	10.50	51.85	1409.	186.1	20.07
#1	.0009	.0075	.0050	-.0026	.0458	.0021	-.0824
#2	.0008	-.0007	.0043	-.0055	-.0375	-.0003	-.0619

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	77.13	.0062
SDev	.0003	2.06	.0019
%RSD	154.5	2.672	30.03
#1	.0004	78.59	.0075
#2	-.0000	75.67	.0049

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	836237	10000	--	--	--	--	--
SDev	42686.62	.0000000	--	--	--	--	--
%RSD	5.104608	.0000000	--	--	--	--	--
#1	806053	10000	--	--	--	--	--
#2	866421	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 305703S DF10 Operator:
Run Time: 10/12/07 13:25:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0063	.2481	.2039	-.0005	.2098	.0052	.0045
SDev	.0019	.0131	.0001	.0025	.0006	.0001	.0038
%RSD	30.68	5.286	.0299	537.3	.3075	1.459	85.74
#1	.0077	.2574	.2039	.0013	.2093	.0052	.0072
#2	.0049	.2389	.2038	-.0022	.2102	.0051	.0018

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.230	.0059	.0533	.0273	.0275	.2593	1.514
SDev	.015	.0006	.0016	.0017	.0006	.0576	.029
%RSD	.6735	9.895	2.938	6.143	2.058	22.20	1.940
#1	2.240	.0063	.0544	.0285	.0279	.3001	1.535
#2	2.219	.0055	.0522	.0261	.0271	.2186	1.494

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0021	.0008	2.101	.0548	.0002	4.291	4.836
SDev	.0025	.0001	.022	.0004	.0002	.064	.053
%RSD	118.8	16.06	1.037	.6965	107.2	1.502	1.099
#1	.0038	.0007	2.116	.0551	.0000	4.337	4.798
#2	.0003	.0009	2.085	.0545	.0003	4.246	4.873

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0548	.2735	.0495	.0549	.0133	.2276	.0471
SDev	.0010	.0046	.0038	.0011	.0105	.0038	.0024
%RSD	1.834	1.664	7.589	2.087	78.64	1.656	5.190
#1	.0555	.2767	.0522	.0557	.0207	.2303	.0488
#2	.0541	.2703	.0469	.0541	.0059	.2249	.0454

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.03	.2073	.2063	.0202	.0531	.2066	.0016
SDev	1.92	.0064	.0051	.0053	.0020	.0056	.0001
%RSD	2.154	3.085	2.491	26.34	3.798	2.690	8.950
#1	87.67	.2119	.2099	.0240	.0545	.2106	.0017
#2	90.38	.2028	.2026	.0165	.0517	.2027	.0015

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	.0024	.0055	.2063	.0622	.0528	-.0817
SDev	.0001	.0005	.0002	.0067	.0691	.0006	.0020
%RSD	10.57	20.29	3.645	3.253	111.1	1.216	2.473
#1	.0010	.0021	.0056	.2016	.1111	.0533	-.0802
#2	.0009	.0028	.0053	.2111	.0134	.0524	-.0831

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0003	79.15	.0082
SDev	.0002	.90	.0015
%RSD	76.04	1.133	18.33
#1	.0005	79.79	.0093
#2	.0001	78.52	.0071

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	821720	10000	--	--	--	--	--
SDev	17703.12	.0000000	--	--	--	--	--
%RSD	2.154399	.0000000	--	--	--	--	--
#1	809202	10000	--	--	--	--	--
#2	834238	10000	--	--	--	--	--

Method: DAILY2 Sample Name: CCV2 Operator:
Run Time: 10/12/07 13:30:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9908	9.897	5.092	5.051	9.943	1.026	4.879
SDev	.0013	.008	.011	.039	.035	.001	.025
%RSD	.1306	.0851	.2174	.7627	.3489	.0691	.5047
#1	.9917	9.892	5.084	5.023	9.919	1.027	4.861
#2	.9899	9.903	5.099	5.078	9.968	1.026	4.896
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.16	1.037	5.041	1.975	1.997	10.62	18.19
SDev	.06	.004	.002	.004	.011	.01	.19
%RSD	.3184	.3430	.0442	.1993	.5726	.0926	1.032
#1	20.21	1.034	5.042	1.977	1.989	10.63	18.06
#2	20.12	1.039	5.039	1.972	2.005	10.62	18.33
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.996	4.666	20.30	1.024	5.106	27.56	H41.46
SDev	.017	.059	.05	.003	.008	.24	.67
%RSD	.3440	1.266	.2365	.2517	.1522	.8754	1.624
#1	4.983	4.624	20.27	1.026	5.101	27.39	H40.99
#2	5.008	4.707	20.34	1.023	5.112	27.73	H41.94
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.850	5.061	5.032	4.928	1.024	1.010	.9975
SDev	.004	.016	.001	.012	.003	.028	.0025
%RSD	.0736	.3172	.0296	.2344	.2544	2.752	.2477
#1	4.848	5.050	5.031	4.936	1.022	.9907	.9957
#2	4.853	5.073	5.033	4.920	1.026	1.030	.9992
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	91.94	5.282	5.130	5.083	4.963	5.181	5.112
SDev	4.91	.027	.038	.005	.007	.034	.004
%RSD	5.337	.5202	.7333	.0988	.1452	.6609	.0852
#1	88.47	5.262	5.104	5.079	4.968	5.157	5.109
#2	95.41	5.301	5.157	5.087	4.958	5.205	5.115
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.007	1.004	4.934	5.210	1.067	5.082	1.002
SDev	.014	.002	.007	.026	.062	.002	.004
%RSD	.2807	.1968	.1495	.4910	5.790	.0323	.3736
#1	4.997	1.003	4.929	5.192	H1.111	5.083	.9996
#2	5.017	1.005	4.939	5.228	1.023	5.080	1.005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.027	1.039	4.997
SDev	.016	.005	.024
%RSD	.3192	.4433	.4783
#1	5.016	1.042	4.980
#2	5.039	1.036	5.014
Errors	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500
Low	4.500	.9000	4.500

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	848520	10000	--	--	--	--	--
SDev	45268.98	.0000000	--	--	--	--	--
%RSD	5.335051	.0000000	--	--	--	--	--
#1	816510	10000	--	--	--	--	--
#2	880530	10000	--	--	--	--	--

Method: DAILY2 Sample Name: CCB2 Operator:
Run Time: 10/12/07 13:35:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	-.0249	-.0010	-.0015	.0003	-.0002	-.0096
SDev	.0020	.0041	.0010	.0082	.0005	.0001	.0070
%RSD	244.8	16.46	104.4	558.1	165.4	32.19	72.98
#1	.0006	-.0220	-.0017	.0043	.0006	-.0001	-.0047
#2	-.0022	-.0278	-.0003	-.0072	-.0000	-.0002	L-.0146
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	-.0005	-.0002	.0013	.0010	-.0180	-.0147
SDev	.0055	.0003	.0013	.0026	.0011	.0525	.0556
%RSD	2531.	71.66	690.6	202.4	112.5	292.2	377.7
#1	.0041	-.0002	.0007	.0031	.0018	.0191	.0246
#2	-.0037	-.0007	-.0011	-.0005	.0002	L-.0551	-.0540
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0014	-.0010	-.0039	.0001	.0004	L-.1051	.0428
SDev	.0023	.0003	.0170	.0002	.0014	.4626	.0045
%RSD	168.0	25.10	434.7	152.1	320.1	440.1	10.56
#1	.0003	-.0009	.0081	.0002	.0014	H.2220	.0396
#2	-.0030	-.0012	-.0160	-.0000	-.0005	L-.4323	.0460
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	-.0014	-.0048	.0040	-.0030	.0006	.0015
SDev	.0019	.0070	.0053	.0037	.0133	.0195	.0059
%RSD	1463.	515.4	109.2	94.16	450.8	3110.	386.5
#1	.0012	-.0063	-.0086	.0066	H.0065	.0144	.0057
#2	-.0015	.0036	-.0011	.0013	L-.0124	-.0132	-.0027
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0200	.0100
Low	-.0050	-.0100			-.0050	-.0200	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.1	-.0048	.0043	-.0068	.0011	.0012	.0016
SDev	4.4	.0063	.0009	.0052	.0007	.0015	.0027
%RSD	4.383	131.0	21.67	76.71	69.90	118.7	163.3
#1	97.00	-.0093	.0049	-.0031	.0016	.0002	.0036
#2	103.2	-.0004	.0036	L-.0105	.0005	.0023	-.0003
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	.0062	.0004	-.0048	-.0745	.0010	.0005
SDev	.0001	.0052	.0006	.0037	.0844	.0023	.0016
%RSD	1386.	83.56	143.3	77.15	113.3	237.2	313.0
#1	.0001	.0098	.0009	-.0022	-.0148	.0026	.0016
#2	-.0001	.0025	-.0000	-.0074	L-.1342	-.0007	-.0006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0003	.0001	.0006
SDev	.0005	.0002	.0032
%RSD	196.6	222.6	492.8
#1	.0006	.0002	.0029
#2	-.0001	-.0001	-.0016
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	923892	10000	--	--	--	--	--
SDev	40498.12	.0000000	--	--	--	--	--
%RSD	4.383429	.0000000	--	--	--	--	--
#1	895255	10000	--	--	--	--	--
#2	952528	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 305703SD D10 Operator:
Run Time: 10/12/07 13:39:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0058	.2395	.1966	-.0014	.2088	.0050	.0003
SDev	.0004	.0045	.0002	.0029	.0007	.0000	.0015
%RSD	6.273	1.862	.0952	207.0	.3525	.1843	458.2
#1	.0060	.2427	.1965	-.0035	.2094	.0050	-.0008
#2	.0055	.2364	.1968	.0007	.2083	.0050	.0014

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.156	.0057	.0525	.0236	.0272	.2364	1.508
SDev	.013	.0000	.0000	.0013	.0004	.0108	.012
%RSD	.5860	.3511	.0194	5.502	1.412	4.572	.7839
#1	2.147	.0057	.0525	.0227	.0269	.2287	1.517
#2	2.165	.0057	.0525	.0245	.0275	.2440	1.500

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0012	-.0004	2.043	.0535	.0004	4.842	4.972
SDev	.0002	.0003	.008	.0004	.0003	.065	.072
%RSD	14.36	70.18	.3948	.8114	62.77	1.342	1.444
#1	.0014	-.0005	2.037	.0532	.0002	4.888	5.023
#2	.0011	-.0002	2.049	.0538	.0006	4.796	4.921

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0546	.2623	.0472	.0547	.0056	.2156	.0414
SDev	.0004	.0117	.0005	.0033	.0005	.0144	.0051
%RSD	.8332	4.460	1.116	6.046	9.137	6.694	12.27
#1	.0542	.2540	.0476	.0523	.0059	.2258	.0378
#2	.0549	.2706	.0469	.0570	.0052	.2054	.0450

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.49	.2020	.2018	.0123	.0522	.2019	.0018
SDev	.84	.0014	.0041	.0006	.0020	.0023	.0009
%RSD	.8649	.6679	2.029	4.560	3.884	1.130	48.65
#1	98.08	.2030	.1989	.0127	.0508	.2002	.0024
#2	96.89	.2011	.2047	.0119	.0537	.2035	.0012

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	.0036	.0055	.2050	.0308	.0505	-.0584
SDev	.0000	.0057	.0004	.0041	.0065	.0007	.0060
%RSD	.5777	160.1	7.084	1.981	21.03	1.430	10.33
#1	.0009	-.0005	.0052	.2079	.0354	.0500	-.0542
#2	.0009	.0076	.0058	.2022	.0262	.0510	-.0627

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	77.19	.0076
SDev	.0003	.90	.0014
%RSD	134.4	1.170	18.52
#1	.0000	76.55	.0066
#2	.0005	77.83	.0086

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	899770	10000	--	--	--	--	--
SDev	7870.806	.0000000	--	--	--	--	--
%RSD	.8747580	.0000000	--	--	--	--	--
#1	905335	10000	--	--	--	--	--
#2	894204	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ZZZZZZ Operator:
Run Time: 10/12/07 13:44:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	-.0093	-.0004	-.0061	.0002	-.0001	-.0006
SDev	.0022	.0098	.0026	.0054	.0001	.0001	.0040
%RSD	1115.	105.2	680.4	87.57	49.66	58.91	666.2
#1	.0018	-.0024	-.0022	-.0023	.0003	-.0001	.0022
#2	-.0014	-.0162	.0015	-.0099	.0001	-.0002	-.0034

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0046	-.0000	.0009	.0005	.0010	.0350	.0423
SDev	.0026	.0002	.0013	.0012	.0007	.0362	.0328
%RSD	56.57	381.0	138.1	239.7	71.11	103.5	77.37
#1	.0064	.0001	.0018	.0014	.0014	.0605	.0655
#2	.0027	-.0001	.0000	-.0004	.0005	.0094	.0192

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	-.0014	.0082	.0001	-.0001	.3309	.0295
SDev	.0024	.0002	.0175	.0002	.0014	.3497	.0017
%RSD	1035.	12.12	214.5	134.5	2310.	105.7	5.749
#1	.0019	-.0012	.0205	.0003	.0009	.5782	.0283
#2	-.0015	-.0015	-.0042	.0000	-.0010	.0837	.0307

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	.0066	.0021	.0004	.0083	.0070	-.0015
SDev	.0009	.0089	.0011	.0024	.0082	.0199	.0033
%RSD	152.3	134.6	54.59	644.3	98.85	283.6	215.5
#1	.0000	.0003	.0029	-.0013	.0141	.0211	.0008
#2	-.0012	.0129	.0013	.0020	.0025	-.0070	-.0038

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	95.37	-.0003	.0014	-.0009	.0010	.0009	.0024
SDev	2.55	.0027	.0027	.0116	.0012	.0027	.0005
%RSD	2.670	925.1	193.0	1312.	126.9	314.9	22.02
#1	93.57	-.0022	-.0005	.0073	.0001	-.0011	.0028
#2	97.17	.0016	.0034	-.0091	.0018	.0028	.0021

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	.0012	.0003	-.0011	.0043	.0007	.0007
SDev	.0001	.0029	.0003	.0077	.0883	.0013	.0029
%RSD	500.8	240.8	123.2	725.6	2072.	185.0	410.1
#1	.0001	.0033	.0005	.0044	.0667	.0016	.0028
#2	-.0001	-.0009	.0000	-.0065	-.0582	-.0002	-.0014

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	.0025	.0010
SDev	.0001	.0024	.0014
%RSD	90.95	95.23	148.0
#1	.0003	.0042	.0020
#2	.0001	.0008	-.0000

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	880186	10000	--	--	--	--	--
SDev	23531.81	.0000000	--	--	--	--	--
%RSD	2.673502	.0000000	--	--	--	--	--
#1	863547	10000	--	--	--	--	--
#2	896826	10000	--	--	--	--	--

Method: DAILY2 Sample Name: CRI Operator:
Run Time: 10/12/07 13:49:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0208	.0849	.0216	.0918	.0208	.0099	.0047
SDev	.0002	.0109	.0004	.0013	.0001	.0000	.0042
%RSD	.8413	12.86	1.649	1.427	.4300	.3875	89.44
#1	.0207	.0772	.0219	.0927	.0208	.0099	.0017
#2	.0209	.0926	.0214	.0908	.0209	.0098	.0077
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	.0300		.0300	.1500	.0300	.0150	
Low	.0100		.0100	.0500	.0100	.0050	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0035	.0103	.1001	.0194	.0492	.1410	.0324
SDev	.0014	.0000	.0003	.0009	.0001	.0164	.0177
%RSD	40.79	.4340	.3007	4.661	.2587	11.65	54.71
#1	.0045	.0103	.1003	.0201	.0493	H.1526	.0449
#2	.0025	.0104	.0999	.0188	.0491	.1294	.0199
Errors	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High		.0150	.1500	.0300	.0750	.1500	
Low		.0050	.0500	.0100	.0250	.0500	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0012	.0694	.0148	.0305	.0206	.3534	.0356
SDev	.0007	.0005	.0052	.0001	.0006	.2703	.0010
%RSD	58.03	.7662	34.97	.4253	2.912	76.50	2.897
#1	.0007	.0691	.0112	.0306	.0201	.5445	.0349
#2	.0017	.0698	.0185	.0304	.0210	.1622	.0363
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK
High		.1500		.0450	.0300		
Low		.0500		.0150	.0100		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0782	.1054	.0070	.0039	.0077	.0002	.1161
SDev	.0009	.0057	.0018	.0008	.0043	.0043	.0012
%RSD	1.149	5.409	26.06	21.32	55.69	1793.	1.040
#1	.0789	.1013	.0083	.0033	.0107	-.0028	.1153
#2	.0776	.1094	.0057	.0045	.0047	.0033	.1170
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	.1200	.1500					.1800
Low	.0400	.0500					.0600

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.01	.0141	.0088	.1110	.0050	.0105	.1014
SDev	.61	.0008	.0003	.0047	.0001	.0005	.0011
%RSD	.6151	5.713	3.452	4.252	1.089	4.455	1.124
#1	98.58	.0146	.0090	.1076	.0050	.0109	.1006
#2	99.44	.0135	.0086	.1143	.0049	.0102	.1022
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.1500	.0090	.0150	.1500
Low				.0500	.0030	.0050	.0500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0214	.0012	.0201	.0151	.2518	.1012	.0005
SDev	.0001	.0002	.0000	.0000	.0302	.0006	.0016
%RSD	.6280	15.93	.0719	.2478	12.00	.5422	333.6
#1	.0213	.0011	.0201	.0150	.2305	.1016	.0016
#2	.0215	.0013	.0201	.0151	.2732	.1008	-.0006
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High	.0300		.0300	.0300		.1500	
Low	.0100		.0100	.0100		.0500	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0000	.0417	.0875
SDev	.0000	.0006	.0002
%RSD	1618.	1.494	.2219
#1	.0000	.0421	.0874
#2	-.0000	.0412	.0877
Errors	NOCHECK	LC Pass	NOCHECK
High		.0600	
Low		.0200	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	913770	10000	--	--	--	--	--
SDev	5637.762	.0000000	--	--	--	--	--
%RSD	.6169786	.0000000	--	--	--	--	--
#1	909783	10000	--	--	--	--	--
#2	917756	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ICSA Operator:
Run Time: 10/12/07 13:54:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	521.8	-.0006	-.0225	.0012	.0001	-.0027
SDev	.0006	.2	.0008	.0026	.0001	.0001	.0054
%RSD	215.3	.0375	142.9	11.74	5.199	70.52	198.3
#1	.0006	522.0	.0000	-.0207	.0012	.0001	.0011
#2	-.0001	521.7	-.0011	-.0244	.0011	.0000	-.0065
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		600.0					
Low		400.0					

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	465.6	.0058	.0001	-.0006	.0030	190.3	.0178
SDev	2.8	.0002	.0002	.0001	.0003	.8	.0271
%RSD	.6109	2.783	169.1	20.99	10.10	.4072	152.4
#1	467.6	.0060	-.0000	-.0005	.0032	190.9	.0369
#2	463.6	.0057	.0003	-.0006	.0028	189.8	-.0014
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High	600.0					240.0	
Low	400.0					160.0	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	.0011	540.0	.0016	-.0023	.6097	.0572
SDev	.0003	.0003	2.1	.0000	.0018	.2260	.0040
%RSD	528.4	25.39	.3892	2.378	74.94	37.06	6.993
#1	.0002	.0013	541.5	.0015	-.0036	.7695	.0600
#2	-.0001	.0009	538.5	.0016	-.0011	.4499	.0543
Errors	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High			600.0				
Low			400.0				

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	-.0013	-.0151	.0141	.0122	.0293	-.0081
SDev	.0000	.0099	.0076	.0034	.0044	.0068	.0155
%RSD	4.886	752.8	50.29	24.26	36.03	23.08	190.2
#1	-.0001	.0057	-.0097	.0165	.0153	.0246	-.0191
#2	-.0001	-.0083	-.0205	.0117	.0091	.0341	.0028
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.50	.0052	-.0089	-.0015	.0044	-.0042	-.0044
SDev	1.47	.0178	.0017	.0049	.0048	.0048	.0042
%RSD	1.679	346.0	18.86	325.7	110.3	115.7	94.73
#1	86.46	.0178	-.0100	.0020	.0078	-.0008	-.0074
#2	88.54	-.0075	-.0077	-.0050	.0010	-.0076	-.0015
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0084	-.0355	.0005	.0024	-.1129	.0003	.0001
SDev	.0000	.0038	.0000	.0008	.0075	.0005	.0068
%RSD	.3109	10.77	.2245	34.94	6.660	152.5	4723.
#1	.0085	-.0382	.0005	.0030	-.1076	.0007	-.0047
#2	.0084	-.0328	.0005	.0018	-.1182	-.0000	.0050
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0012	.0028	-.0007
SDev	.0001	.0006	.0006
%RSD	4.057	21.02	87.48
#1	-.0012	.0024	-.0003
#2	-.0013	.0032	-.0012
Errors	NOCHECK	NOCHECK	NOCHECK
High			
Low			

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	807578	10000	--	--	--	--	--
SDev	13517.05	.0000000	--	--	--	--	--
%RSD	1.673777	.0000000	--	--	--	--	--
#1	798020	10000	--	--	--	--	--
#2	817136	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ICSAB Operator:
Run Time: 10/12/07 13:59:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.092	518.2	1.052	1.031	.5344	.5001	.0023
SDev	.002	2.0	.011	.005	.0072	.0076	.0012
%RSD	.1718	.3907	1.020	.4938	1.354	1.517	52.87
#1	1.093	519.6	1.060	1.034	.5396	.4948	.0014
#2	1.091	516.7	1.045	1.027	.5293	.5055	.0031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	1.200	600.0	1.200	1.200	.6000	.6000	
Low	.8000	400.0	.8000	.8000	.4000	.4000	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	464.0	.9700	.4845	.4941	.5660	188.8	.0068
SDev	12.7	.0157	.0064	.0112	.0130	2.7	.0605
%RSD	2.734	1.620	1.315	2.255	2.304	1.452	888.5
#1	455.1	.9589	.4800	.4863	.5752	186.9	-.0360
#2	473.0	.9811	.4890	.5020	.5567	190.8	.0496
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	600.0	1.200	.6000	.6000	.6000	240.0	
Low	400.0	.8000	.4000	.4000	.4000	160.0	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	H1.227	536.8	.5092	1.018	.6107	.0429
SDev	.0009	.045	6.6	.0065	.003	.5065	.0130
%RSD	108.6	3.647	1.236	1.270	.2566	82.94	30.38
#1	-.0014	H1.259	532.2	.5046	1.016	.2525	.0521
#2	-.0002	1.195	541.5	.5138	1.019	.9688	.0337
Errors	NOCHECK	LC High	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High		1.200	600.0	.6000	1.200		
Low		.8000	400.0	.4000	.8000		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9112	1.027	.9795	1.001	.0106	.0245	1.007
SDev	.0152	.022	.0167	.023	.0101	.0331	.059
%RSD	1.665	2.185	1.705	2.285	95.19	135.0	5.819
#1	.9005	1.043	.9677	.9846	.0035	.0011	1.049
#2	.9220	1.012	.9913	1.017	.0178	.0478	.9657
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.200	1.200					1.200
Low	.8000	.8000					.8000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.36	1.015	.9847	1.041	.9937	.9947	1.037
SDev	5.01	.027	.0118	.007	.0208	.0010	.001
%RSD	5.800	2.625	1.201	.6598	2.095	.0996	.1190
#1	89.91	1.033	.9763	1.036	.9790	.9954	1.036
#2	82.82	.9957	.9931	1.045	1.008	.9940	1.038
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High					1.200	1.200	1.200
Low					.8000	.8000	.8000

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.058	-.0229	.9779	.9925	.8294	.5147	.0004
SDev	.013	.0024	.0023	.0182	.0480	.0047	.0042
%RSD	1.237	10.60	.2351	1.836	5.786	.9074	1060.
#1	1.067	-.0246	.9763	1.005	.7954	.5114	.0034
#2	1.048	-.0212	.9796	.9796	.8633	.5180	-.0026
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High	1.200		1.200	1.200		.6000	
Low	.8000		.8000	.8000		.4000	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0010	.9575	.8758
SDev	.0003	.0340	.0019
%RSD	30.65	3.549	.2201
#1	-.0012	.9335	.8745
#2	-.0008	.9816	.8772
Errors	NOCHECK	LC Pass	NOCHECK
High		1.200	
Low		.8000	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	797094	10000	--	--	--	--	--
SDev	46304.89	.0000000	--	--	--	--	--
%RSD	5.809216	.0000000	--	--	--	--	--
#1	829836	10000	--	--	--	--	--
#2	764351	10000	--	--	--	--	--

Method: DAILY2 Sample Name: CCV3 Operator:
Run Time: 10/12/07 14:04:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9895	9.931	5.089	5.081	9.995	1.025	4.903
SDev	.0021	.011	.004	.014	.034	.001	.016
%RSD	.2103	.1105	.0755	.2766	.3450	.0588	.3332
#1	.9910	9.939	5.086	5.071	9.971	1.025	4.892
#2	.9881	9.923	5.092	5.091	10.02	1.024	4.915
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.05	1.030	5.006	1.961	2.020	10.52	18.54
SDev	.05	.004	.007	.001	.000	.01	.05
%RSD	.2446	.3965	.1306	.0450	.0003	.0714	.2464
#1	20.08	1.032	5.011	1.962	2.020	10.52	18.51
#2	20.01	1.027	5.002	1.960	2.020	10.51	18.57
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.033	4.750	20.31	1.018	5.082	27.68	H42.39
SDev	.008	.004	.08	.000	.002	.14	.17
%RSD	.1685	.0901	.3787	.0341	.0374	.5016	.3973
#1	5.027	4.747	20.36	1.019	5.080	27.58	H42.51
#2	5.039	4.753	20.25	1.018	5.083	27.78	H42.27
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.801	5.074	5.003	4.881	1.032	.9927	1.005
SDev	.032	.007	.040	.013	.004	.0042	.011
%RSD	.6587	.1446	.8042	.2696	.3582	.4199	1.060
#1	4.824	5.079	5.031	4.871	1.030	.9957	.9975
#2	4.779	5.069	4.974	4.890	1.035	.9898	1.013
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.39	5.312	5.120	5.106	4.921	5.184	5.108
SDev	1.55	.020	.036	.010	.005	.017	.011
%RSD	1.608	.3778	.7029	.1948	.0943	.3337	.2104
#1	95.29	5.326	5.094	5.113	4.925	5.172	5.116
#2	97.48	5.298	5.145	5.099	4.918	5.196	5.100
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.047	1.004	4.943	5.212	1.023	5.073	1.004
SDev	.002	.003	.009	.006	.038	.004	.005
%RSD	.0373	.3081	.1796	.1240	3.736	.0801	.4879
#1	5.048	1.002	4.936	5.207	1.050	5.076	1.001
#2	5.046	1.006	4.949	5.216	.9962	5.070	1.008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.045	1.026	5.051
SDev	.007	.006	.019
%RSD	.1467	.5633	.3855
#1	5.040	1.030	5.037
#2	5.051	1.022	5.064
Errors	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500
Low	4.500	.9000	4.500

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	889634	10000	--	--	--	--	--
SDev	14315.38	.0000000	--	--	--	--	--
%RSD	1.609132	.0000000	--	--	--	--	--
#1	879511	10000	--	--	--	--	--
#2	899756	10000	--	--	--	--	--

Method: DAILY2 Sample Name: CCB3 Operator:
Run Time: 10/12/07 14:08:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0007	-.0198	-.0003	-.0019	.0003	-.0002	-.0035
SDev	.0005	.0071	.0009	.0007	.0002	.0000	.0026
%RSD	70.95	35.62	293.5	36.68	52.02	11.89	74.50
#1	.0003	-.0248	-.0009	-.0024	.0002	-.0002	-.0054
#2	.0011	-.0148	.0003	-.0014	.0005	-.0002	-.0017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0036	-.0001	.0003	.0015	.0016	.0271	.0303
SDev	.0016	.0001	.0005	.0024	.0011	.0194	.0237
%RSD	44.23	178.3	158.9	164.3	72.70	71.46	78.22
#1	.0025	.0000	-.0000	-.0002	.0008	.0134	.0135
#2	.0048	-.0002	.0007	.0032	.0024	.0408	.0470
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	-.0019	.0083	.0002	.0008	H.3625	.0255
SDev	.0006	.0001	.0079	.0003	.0009	.1616	.0007
%RSD	333.1	3.892	95.19	141.2	102.3	44.59	2.892
#1	-.0003	-.0019	.0027	.0000	.0002	H.2482	.0261
#2	.0006	-.0020	.0138	.0004	.0014	H.4767	.0250
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0010	H.0133	-.0014	.0028	H.0058	-.0050	.0031
SDev	.0008	.0231	.0013	.0005	.0041	.0061	.0061
%RSD	80.44	172.9	92.49	19.45	70.61	121.9	198.9
#1	.0004	H.0296	-.0005	.0024	.0029	-.0093	-.0013
#2	.0016	-.0030	-.0024	.0032	H.0087	-.0007	.0074
Errors	LC Pass	LC High	NOCHECK	NOCHECK	LC High	LC Pass	LC Pass
High	.0050	.0100			.0050	.0200	.0100
Low	-.0050	-.0100			-.0050	-.0200	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.81	-.0007	.0025	.0012	.0014	.0014	.0007
SDev	1.24	.0013	.0019	.0029	.0001	.0008	.0001
%RSD	1.255	172.9	76.20	249.1	5.647	59.07	16.67
#1	99.69	-.0016	.0038	-.0009	.0015	.0020	.0006
#2	97.93	.0002	.0011	.0032	.0013	.0008	.0008
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0079	.0006	-.0026	.0096	.0017	.0016
SDev	.0000	.0054	.0005	.0015	.0193	.0011	.0032
%RSD	37.34	68.87	82.96	58.05	200.5	63.25	195.6
#1	.0000	.0040	.0002	-.0036	-.0040	.0009	-.0006
#2	.0001	H.0117	.0009	-.0015	.0232	.0025	.0038
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0003	.0003	.0017
SDev	.0003	.0000	.0015
%RSD	110.0	12.38	87.34
#1	.0001	.0003	.0007
#2	.0006	.0003	.0028
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	911944	10000	--	--	--	--	--
SDev	11443.11	.0000000	--	--	--	--	--
%RSD	1.254805	.0000000	--	--	--	--	--
#1	920035	10000	--	--	--	--	--
#2	903852	10000	--	--	--	--	--

Method: DAILY2 Sample Name: PBW-K12H1 Operator:
Run Time: 10/12/07 14:21:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	-.0040	-.0004	-.0107	.0001	-.0002	-.0028
SDev	.0010	.0049	.0001	.0004	.0000	.0000	.0013
%RSD	297.7	122.9	24.71	4.167	5.091	11.30	45.78
#1	.0004	-.0005	-.0005	-.0110	.0001	-.0002	-.0019
#2	-.0010	-.0075	-.0003	-.0103	.0001	-.0002	-.0037

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0090	-.0002	.0004	.0005	.0011	.0218	.0243
SDev	.0013	.0002	.0009	.0005	.0002	.0434	.0158
%RSD	14.99	91.96	233.6	103.3	15.16	199.4	65.20
#1	.0099	-.0001	.0010	.0009	.0012	.0525	.0355
#2	.0080	-.0003	-.0002	.0001	.0010	-.0089	.0131

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	-.0020	-.0020	.0001	-.0001	.2862	.0212
SDev	.0011	.0000	.0019	.0000	.0006	.3955	.0047
%RSD	339.5	.5579	95.81	30.67	472.5	138.2	22.37
#1	.0005	-.0020	-.0006	.0001	.0003	.5658	.0245
#2	-.0011	-.0020	-.0034	.0001	-.0005	.0065	.0178

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	-.0000	-.0047	.0001	.0052	.0042	.0014
SDev	.0007	.0006	.0008	.0005	.0051	.0097	.0015
%RSD	338.5	1291.	17.31	825.6	97.07	230.4	104.6
#1	-.0003	.0004	-.0041	-.0003	.0088	.0111	.0004
#2	.0007	-.0004	-.0053	.0004	.0016	-.0027	.0024

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.41	-.0040	.0013	.0048	-.0015	-.0004	.0004
SDev	.48	.0005	.0003	.0030	.0000	.0001	.0016
%RSD	.4944	11.84	25.83	63.19	2.704	16.19	426.8
#1	97.75	-.0043	.0016	.0069	-.0015	-.0004	-.0008
#2	97.07	-.0036	.0011	.0026	-.0015	-.0005	.0015

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	.0050	.0002	-.0030	-.0167	.0004	-.0002
SDev	.0000	.0011	.0001	.0007	.0420	.0005	.0004
%RSD	232.8	21.45	22.91	22.98	252.0	137.4	195.8
#1	.0000	.0042	.0003	-.0034	.0130	.0000	.0001
#2	-.0000	.0057	.0002	-.0025	-.0464	.0007	-.0005

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0002	.0004
SDev	.0000	.0000	.0006
%RSD	21.24	20.16	136.5
#1	.0001	.0002	.0008
#2	.0001	.0002	.0000

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	899055	10000	--	--	--	--	--
SDev	4358.606	.0000000	--	--	--	--	--
%RSD	.4847986	.0000000	--	--	--	--	--
#1	902137	10000	--	--	--	--	--
#2	895973	10000	--	--	--	--	--

Method: DAILY2 Sample Name: LCSW-K12H1 Operator:
Run Time: 10/12/07 14:26:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0485	1.961	1.977	-.0091	1.994	.0504	.0021
SDev	.0003	.014	.006	.0006	.002	.0000	.0018
%RSD	.7012	.7256	.3137	6.656	.1196	.0100	85.33
#1	.0483	1.951	1.973	-.0086	1.993	.0504	.0034
#2	.0488	1.971	1.982	-.0095	1.996	.0504	.0008

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.50	.0493	.4954	.1927	.2484	1.178	17.73
SDev	.03	.0002	.0008	.0005	.0013	.018	.18
%RSD	.1514	.3929	.1611	.2715	.5125	1.493	1.029
#1	20.52	.0494	.4949	.1930	.2475	1.165	17.60
#2	20.48	.0491	.4960	.1923	.2493	1.190	17.86

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	3.732	20.52	.5059	-.0009	18.44	28.47
SDev	.0006	.027	.03	.0004	.0003	.09	.39
%RSD	315.0	.7358	.1597	.0825	33.65	.5144	1.387
#1	-.0002	3.713	20.50	.5062	-.0006	18.37	28.20
#2	.0006	3.752	20.55	.5056	-.0011	18.51	28.75

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4728	-.0046	.4897	.4873	.0055	-.0073	.4894
SDev	.0005	.0006	.0041	.0018	.0015	.0132	.0062
%RSD	.0982	12.40	.8289	.3608	26.61	180.6	1.274
#1	.4725	-.0050	.4868	.4861	.0045	-.0167	.4850
#2	.4732	-.0042	.4925	.4885	.0066	.0020	.4938

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	95.44	2.094	2.034	4.151	.4881	2.054	.0022
SDev	.49	.002	.020	.016	.0025	.013	.0012
%RSD	.5175	.1010	.9997	.3805	.5173	.6256	54.16
#1	95.79	2.095	2.019	4.139	.4863	2.045	.0014
#2	95.09	2.092	2.048	4.162	.4899	2.063	.0031

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	-.0204	.0003	2.045	.0183	.5010	.0003
SDev	.0000	.0020	.0002	.014	.0015	.0006	.0012
%RSD	5.095	9.598	48.42	.6973	8.061	.1215	417.2
#1	.0004	-.0190	.0004	2.035	.0193	.5005	-.0006
#2	.0004	-.0218	.0002	2.055	.0172	.5014	.0011

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0002	.5040	.0018
SDev	.0001	.0014	.0011
%RSD	43.51	.2778	58.07
#1	-.0002	.5050	.0026
#2	-.0003	.5031	.0011

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	880872	10000	--	--	--	--	--
SDev	4554.475	.0000000	--	--	--	--	--
%RSD	.5170413	.0000000	--	--	--	--	--
#1	884093	10000	--	--	--	--	--
#2	877652	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 304218 Operator:
Run Time: 10/12/07 14:31:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0006	-.0136	-.0025	-.0091	.0030	-.0002	.0004
SDev	.0011	.0020	.0014	.0025	.0001	.0000	.0067
%RSD	172.7	14.70	56.87	27.12	3.473	18.01	1815.
#1	.0014	-.0121	-.0035	-.0074	.0030	-.0001	.0051
#2	-.0001	-.0150	-.0015	-.0109	.0029	-.0002	-.0044

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	42.19	-.0002	.0006	.0011	.0014	.0368	.0777
SDev	.33	.0004	.0011	.0014	.0006	.0240	.0306
%RSD	.7877	176.0	171.7	131.0	39.93	65.13	39.35
#1	42.42	.0001	.0014	.0021	.0018	.0538	.0993
#2	41.95	-.0005	-.0001	.0001	.0010	.0199	.0561

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0006	-.0020	.0137	.0003	-.0002	.4743	.0243
SDev	.0016	.0000	.0075	.0001	.0003	.1809	.0033
%RSD	285.4	1.703	54.64	48.17	165.4	38.13	13.57
#1	.0017	-.0020	.0190	.0004	.0000	.6022	.0220
#2	-.0006	-.0021	.0084	.0002	-.0004	.3465	.0267

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	-.0055	-.0023	.0013	.0091	.0188	.0015
SDev	.0002	.0058	.0052	.0018	.0044	.0017	.0042
%RSD	23.35	104.9	220.2	138.0	48.95	8.870	269.0
#1	.0010	-.0014	.0013	.0000	.0122	.0200	.0045
#2	.0007	-.0096	-.0060	.0026	.0059	.0176	-.0014

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.40	-.0030	.0024	3.346	.0001	.0006	.0040
SDev	2.43	.0077	.0016	.000	.0005	.0015	.0013
%RSD	2.523	254.7	65.24	.0045	449.7	239.9	31.98
#1	94.68	.0024	.0013	3.346	.0005	.0017	.0049
#2	98.12	-.0085	.0036	3.346	-.0002	-.0004	.0031

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0256	.0042	.0004	-.0002	.0658	.0012	.0011
SDev	.0001	.0000	.0001	.0010	.0609	.0008	.0055
%RSD	.4016	.3690	34.05	466.6	92.55	67.19	514.0
#1	.0256	.0042	.0004	-.0009	.1089	.0018	.0049
#2	.0257	.0042	.0003	.0005	.0227	.0006	-.0028

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0003	.0015	.0005
SDev	.0000	.0003	.0008
%RSD	15.86	19.13	172.6
#1	-.0003	.0017	.0011
#2	-.0003	.0013	-.0001

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	889788	10000	--	--	--	--	--
SDev	22432.26	.0000000	--	--	--	--	--
%RSD	2.521079	.0000000	--	--	--	--	--
#1	873926	10000	--	--	--	--	--
#2	905650	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 304219 Operator:
Run Time: 10/12/07 14:36:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0008	-.0112	-.0034	-.0110	.0109	-.0002	.0048
SDev	.0008	.0077	.0074	.0010	.0001	.0000	.0047
%RSD	102.9	68.87	217.0	8.712	.4523	22.21	97.29
#1	.0014	-.0058	.0018	-.0103	.0110	-.0001	.0081
#2	.0002	-.0167	-.0087	-.0117	.0109	-.0002	.0015

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	42.68	.0003	.0007	.0009	.0010	.0501	.1008
SDev	.18	.0001	.0005	.0014	.0005	.0300	.0197
%RSD	.4287	32.16	73.57	163.3	54.22	59.97	19.50
#1	42.81	.0004	.0011	.0019	.0014	.0713	.1147
#2	42.55	.0003	.0003	-.0001	.0006	.0288	.0869

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	-.0022	.0137	.0003	-.0007	.5111	.0245
SDev	.0013	.0001	.0094	.0001	.0005	.1328	.0025
%RSD	151.8	2.734	68.65	41.55	72.08	25.98	10.04
#1	.0018	-.0022	.0204	.0004	-.0003	.6050	.0228
#2	-.0001	-.0022	.0071	.0002	-.0010	.4172	.0263

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	.0066	.0035	-.0004	.0121	-.0070	.0018
SDev	.0003	.0101	.0063	.0024	.0063	.0053	.0033
%RSD	617.2	153.7	181.8	579.4	52.24	75.59	189.6
#1	.0002	-.0006	.0079	-.0021	.0165	-.0033	.0041
#2	-.0003	.0137	-.0010	.0013	.0076	-.0108	-.0006

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	95.61	.0050	.0021	3.411	.0009	.0030	.0032
SDev	1.94	.0055	.0002	.003	.0005	.0020	.0012
%RSD	2.031	111.3	10.11	.0925	59.37	64.97	38.03
#1	94.24	.0089	.0022	3.408	.0013	.0044	.0023
#2	96.98	.0011	.0019	3.413	.0005	.0016	.0041

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0261	-.0010	.0002	-.0017	.0863	.0006	-.0007
SDev	.0002	.0004	.0002	.0015	.0424	.0007	.0028
%RSD	.6376	40.65	150.4	93.28	49.14	111.3	390.5
#1	.0260	-.0007	.0003	-.0006	.1163	.0011	.0013
#2	.0262	-.0013	-.0000	-.0027	.0563	.0001	-.0027

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0004	.0022	.0003
SDev	.0002	.0000	.0011
%RSD	47.02	.1799	315.3
#1	-.0003	.0022	.0011
#2	-.0006	.0022	-.0004

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	882404	10000	--	--	--	--	--
SDev	17891.92	.0000000	--	--	--	--	--
%RSD	2.027633	.0000000	--	--	--	--	--
#1	869753	10000	--	--	--	--	--
#2	895056	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 304220 Operator:
Run Time: 10/12/07 14:40:59
Comment:
Mode: CONC Ccrr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0011	-.0249	.0004	-.0133	.0158	-.0002	-.0048
SDev	.0005	.0050	.0029	.0020	.0002	.0000	.0016
%RSD	45.40	20.09	664.1	14.79	1.035	16.93	33.87
#1	-.0015	-.0284	.0025	-.0147	.0156	-.0003	-.0059
#2	-.0007	-.0213	-.0016	-.0119	.0159	-.0002	-.0037

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	43.19	-.0004	-.0003	-.0000	.0001	-.0131	.0457
SDev	.55	.0002	.0000	.0016	.0006	.0496	.0537
%RSD	1.280	39.26	7.722	30300.	429.4	379.3	117.5
#1	42.80	-.0005	-.0002	-.0011	-.0003	-.0481	.0077
#2	43.58	-.0003	-.0003	.0011	.0005	.0220	.0836

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0014	-.0025	-.0054	.0003	-.0008	-.1801	.0149
SDev	.0005	.0003	.0001	.0002	.0001	.4529	.0079
%RSD	35.96	10.40	2.338	52.48	12.68	251.4	53.31
#1	-.0018	-.0027	-.0055	.0002	-.0008	-.5004	.0093
#2	-.0011	-.0023	-.0054	.0004	-.0009	.1401	.0205

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0009	-.0035	-.0000	-.0003	-.0029	.0028	-.0021
SDev	.0003	.0007	.0009	.0004	.0148	.0071	.0015
%RSD	29.25	19.17	3032.	127.8	515.1	255.5	71.50
#1	-.0011	-.0031	-.0007	-.0006	-.0134	-.0022	-.0032
#2	-.0007	-.0040	.0006	-.0000	.0076	.0078	-.0011

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.61	-.0026	-.0004	3.458	-.0002	-.0011	.0015
SDev	1.88	.0093	.0004	.016	.0006	.0028	.0009
%RSD	1.911	354.8	115.7	.4511	280.1	249.8	57.39
#1	99.94	.0040	-.0007	3.447	-.0006	.0009	.0009
#2	97.28	-.0092	-.0001	3.469	.0002	-.0031	.0021

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0267	.0040	.0001	-.0012	.3011	.0003	.0003
SDev	.0000	.0051	.0002	.0015	.0326	.0012	.0000
%RSD	.0627	125.9	251.1	125.6	10.83	405.6	8.596
#1	.0267	.0004	-.0001	-.0001	.2780	-.0006	.0002
#2	.0268	.0076	.0003	-.0022	.3241	.0012	.0003

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0005	.0001	-.0013
SDev	.0002	.0005	.0014
%RSD	35.28	342.2	108.2
#1	-.0006	-.0002	-.0023
#2	-.0004	.0005	-.0003

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	910137	10000	--	--	--	--	--
SDev	17440.08	.0000000	--	--	--	--	--
%RSD	1.916204	.0000000	--	--	--	--	--
#1	922469	10000	--	--	--	--	--
#2	897805	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 304220D Operator:
Run Time: 10/12/07 14:45:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0033	.0040	.0018	-.0095	.0157	-.0001	.0076
SDev	.0040	.0217	.0018	.0035	.0002	.0001	.0150
%RSD	121.3	546.5	103.3	37.03	.9886	135.7	198.4
#1	.0061	.0193	.0005	-.0070	.0158	-.0000	.0182
#2	.0005	-.0114	.0031	-.0120	.0156	-.0001	-.0031

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	43.64	.0005	.0029	.0018	.0017	.1027	.1630
SDev	.27	.0008	.0028	.0022	.0014	.0847	.0758
%RSD	.6084	159.6	97.43	120.8	83.04	82.40	46.49
#1	43.82	.0011	.0049	.0034	.0026	.1626	.2166
#2	43.45	-.0001	.0009	.0003	.0007	.0429	.1094

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0037	-.0021	.0327	.0004	.0003	.9294	.0282
SDev	.0056	.0003	.0341	.0001	.0011	.5888	.0104
%RSD	149.3	13.56	104.4	35.41	355.2	63.35	36.94
#1	.0077	-.0019	.0569	.0005	.0011	1.346	.0356
#2	-.0002	-.0023	.0086	.0003	-.0005	.5131	.0209

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0007	.0031	-.0024	-.0004	.0243	.0089	.0100
SDev	.0015	.0042	.0049	.0023	.0182	.0172	.0102
%RSD	213.7	135.3	199.9	530.7	74.87	193.9	101.7
#1	.0018	.0060	.0010	-.0021	.0372	-.0033	.0173
#2	-.0004	.0001	-.0059	.0012	.0114	.0211	.0028

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	94.69	.0014	-.0001	3.462	-.0011	.0004	.0044
SDev	1.80	.0015	.0012	.008	.0001	.0013	.0010
%RSD	1.898	109.8	1473.	.2225	5.097	324.6	22.41
#1	93.42	.0003	-.0010	3.467	-.0010	-.0005	.0051
#2	95.96	.0024	.0008	3.457	-.0011	.0013	.0037

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0266	.0013	.0005	-.0033	.5116	.0018	.0055
SDev	.0001	.0006	.0004	.0002	.2115	.0017	.0004
%RSD	.3646	44.80	90.04	5.403	41.35	96.79	6.822
#1	.0267	.0009	.0008	-.0031	.6612	.0030	.0058
#2	.0266	.0017	.0002	-.0034	.3621	.0006	.0053

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0002	.0012	.0017
SDev	.0003	.0007	.0035
%RSD	150.8	57.03	200.7
#1	.0000	.0017	.0042
#2	-.0005	.0007	-.0007

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	873866	10000	--	--	--	--	--
SDev	16582.36	.0000000	--	--	--	--	--
%RSD	1.897587	.0000000	--	--	--	--	--
#1	862140	10000	--	--	--	--	--
#2	885591	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 304221 Operator:
Run Time: 10/12/07 14:50:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	-.0038	-.0010	-.0150	.0024	-.0002	-.0040
SDev	.0006	.0088	.0001	.0017	.0000	.0000	.0037
%RSD	96.94	231.6	13.01	11.11	.7369	24.06	90.57
#1	-.0002	.0024	-.0010	-.0138	.0024	-.0002	-.0015
#2	-.0010	-.0100	-.0009	-.0162	.0024	-.0002	-.0066

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.77	-.0001	-.0005	.0000	.0008	-.0215	.0275
SDev	.16	.0000	.0006	.0005	.0003	.0275	.0494
%RSD	.3882	15.18	117.6	2465.	32.75	127.7	179.5
#1	41.88	-.0002	-.0001	-.0003	.0006	-.0021	.0625
#2	41.65	-.0001	-.0009	.0004	.0010	-.0410	-.0074

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0009	-.0026	-.0004	.0002	-.0007	.7410	1.253
SDev	.0008	.0002	.0055	.0000	.0005	.3037	.010
%RSD	88.00	7.736	1388.	4.723	75.10	40.99	.8161
#1	-.0004	-.0024	.0035	.0002	-.0003	.9558	1.246
#2	-.0015	-.0027	-.0043	.0002	-.0010	.5263	1.260

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0010	-.0004	-.0030	.0018	-.0025	-.0005	-.0010
SDev	.0003	.0058	.0042	.0020	.0094	.0101	.0009
%RSD	33.36	1369.	142.7	111.4	374.2	2030.	86.13
#1	-.0008	.0037	.0000	.0004	.0041	-.0077	-.0004
#2	-.0013	-.0045	-.0059	.0033	-.0091	.0067	-.0016

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.47	-.0018	.0010	3.324	.0002	.0000	-.0005
SDev	1.48	.0024	.0001	.004	.0001	.0009	.0000
%RSD	1.503	132.3	14.04	.1129	22.58	2429.	7.926
#1	97.43	-.0001	.0010	3.322	.0003	.0007	-.0005
#2	99.52	-.0035	.0009	3.327	.0002	-.0006	-.0006

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0270	.0008	.0001	-.0035	.0157	.0001	-.0006
SDev	.0002	.0023	.0001	.0021	.0222	.0005	.0015
%RSD	.6204	291.0	60.25	59.84	142.1	953.3	260.3
#1	.0269	-.0008	.0001	-.0020	.0314	-.0003	.0005
#2	.0271	.0024	.0000	-.0050	-.0001	.0004	-.0016

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0006	.0006	-.0007
SDev	.0001	.0000	.0003
%RSD	12.84	1.627	45.99
#1	-.0006	.0006	-.0004
#2	-.0005	.0005	-.0009

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	908903	10000	--	--	--	--	--
SDev	13696.66	.0000000	--	--	--	--	--
%RSD	1.506944	.0000000	--	--	--	--	--
#1	899218	10000	--	--	--	--	--
#2	918588	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 304221S Operator:
Run Time: 10/12/07 14:55:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0499	1.959	2.002	-.0095	1.984	.0511	.0040
SDev	.0006	.001	.003	.0033	.014	.0003	.0031
%RSD	1.271	.0422	.1458	34.29	.7282	.5382	77.08
#1	.0495	1.960	2.004	-.0118	1.994	.0509	.0061
#2	.0504	1.959	2.000	-.0072	1.973	.0513	.0018

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	62.80	.0496	.4986	.1947	.2502	1.218	18.06
SDev	.59	.0002	.0008	.0031	.0004	.019	.21
%RSD	.9382	.4459	.1641	1.582	.1718	1.535	1.163
#1	62.38	.0495	.4980	.1925	.2498	1.205	18.21
#2	63.22	.0498	.4992	.1969	.2505	1.231	17.91

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0008	3.764	20.52	.5099	-.0001	19.66	30.07
SDev	.0001	.040	.01	.0019	.0004	.13	.28
%RSD	11.55	1.055	.0550	.3742	302.0	.6534	.9384
#1	.0007	3.792	20.51	.5085	-.0004	19.57	30.27
#2	.0008	3.736	20.52	.5112	.0002	19.75	29.88

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4743	-.0021	.4945	.4923	.0143	.0220	.4939
SDev	.0006	.0030	.0014	.0042	.0045	.0026	.0031
%RSD	.1353	140.2	.2935	.8555	31.54	11.98	.6263
#1	.4748	-.0042	.4935	.4894	.0111	.0201	.4918
#2	.4739	-.0000	.4955	.4953	.0175	.0239	.4961

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	93.86	2.104	2.048	7.524	.4931	2.067	.0014
SDev	3.14	.001	.010	.008	.0033	.007	.0008
%RSD	3.344	.0638	.4699	.1032	.6684	.3324	57.07
#1	96.08	2.103	2.041	7.519	.4907	2.062	.0020
#2	91.64	2.105	2.055	7.530	.4954	2.072	.0008

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0269	-.0200	.0005	2.057	.0712	.5056	.0007
SDev	.0001	.0008	.0002	.008	.0268	.0016	.0019
%RSD	.3959	3.835	47.49	.3673	37.70	.3217	269.9
#1	.0270	-.0205	.0003	2.052	.0522	.5045	.0021
#2	.0268	-.0195	.0007	2.063	.0901	.5068	-.0007

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0004	.5116	.0023
SDev	.0002	.0070	.0016
%RSD	64.66	1.365	71.71
#1	-.0005	.5066	.0011
#2	-.0002	.5165	.0034

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	866278	10000	--	--	--	--	--
SDev	28931.98	.0000000	--	--	--	--	--
%RSD	3.339803	.0000000	--	--	--	--	--
#1	886736	10000	--	--	--	--	--
#2	845820	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 304222 Operator:
Run Time: 10/12/07 15:00:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	-.0228	.0022	-.0133	.0094	-.0002	-.0030
SDev	.0003	.0040	.0023	.0028	.0000	.0000	.0000
%RSD	141.1	17.76	104.0	21.45	.0649	3.456	.5295
#1	-.0004	-.0256	.0006	-.0113	.0094	-.0002	-.0030
#2	-.0000	-.0199	.0039	-.0153	.0094	-.0002	-.0030

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	42.50	-.0003	.0010	.0008	.0010	.0228	.0620
SDev	.14	.0002	.0000	.0007	.0009	.0063	.0033
%RSD	.3324	62.39	.3260	94.63	96.18	27.66	5.373
#1	42.60	-.0005	.0010	.0013	.0016	.0273	.0597
#2	42.40	-.0002	.0010	.0002	.0003	.0183	.0644

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	-.0025	.0089	.0003	-.0001	1.096	1.219
SDev	.0000	.0000	.0022	.0001	.0000	.154	.011
%RSD	25.00	1.342	24.43	28.94	.8488	14.04	.9324
#1	-.0001	-.0025	.0074	.0004	-.0001	.9869	1.211
#2	-.0001	-.0025	.0105	.0003	-.0001	1.204	1.227

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0006	.0032	-.0037	.0021	.0046	.0008	.0000
SDev	.0006	.0053	.0053	.0017	.0000	.0118	.0005
%RSD	107.0	163.1	141.7	78.84	.1429	1441.	7156.
#1	.0010	-.0005	-.0075	.0033	.0046	.0092	.0003
#2	.0001	.0069	.0000	.0009	.0047	-.0075	-.0003

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.65	-.0039	.0012	3.347	.0002	-.0005	.0013
SDev	1.22	.0059	.0017	.007	.0006	.0008	.0010
%RSD	1.249	148.6	140.0	.2125	331.1	166.2	81.64
#1	96.79	.0002	.0000	3.342	-.0003	.0001	.0005
#2	98.51	-.0081	.0024	3.352	.0006	-.0011	.0020

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0272	.0031	.0003	-.0019	.0286	.0007	.0015
SDev	.0002	.0037	.0003	.0029	.0068	.0014	.0014
%RSD	.6820	118.9	98.29	150.2	23.89	194.2	93.82
#1	.0271	.0058	.0004	-.0039	.0334	.0017	.0026
#2	.0274	.0005	.0001	.0001	.0238	-.0003	.0005

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0004	.0002	-.0000
SDev	.0001	.0002	.0008
%RSD	34.21	115.4	4928.
#1	-.0003	.0000	.0005
#2	-.0004	.0003	-.0006

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	901234	10000	--	--	--	--	--
SDev	11286.84	.0000000	--	--	--	--	--
%RSD	1.252376	.0000000	--	--	--	--	--
#1	893253	10000	--	--	--	--	--
#2	909215	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 304223 Operator:
Run Time: 10/12/07 15:05:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	-.0168	-.0008	-.0122	.0163	-.0002	-.0026
SDev	.0002	.0061	.0020	.0019	.0002	.0000	.0012
%RSD	51.74	36.09	241.9	15.12	1.152	.7427	47.35
#1	.0002	-.0211	.0006	-.0109	.0161	-.0002	-.0017
#2	.0005	-.0125	-.0022	-.0135	.0164	-.0002	-.0035

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	43.11	-.0001	.0007	.0013	.0035	.0260	.0933
SDev	.29	.0000	.0001	.0006	.0006	.0238	.0261
%RSD	.6681	33.53	6.887	46.41	15.46	91.57	27.98
#1	43.31	-.0001	.0007	.0009	.0031	.0428	.1118
#2	42.91	-.0002	.0007	.0017	.0039	.0091	.0748

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	-.0025	.0098	.0004	-.0007	1.176	1.259
SDev	.0006	.0002	.0038	.0000	.0003	.274	.026
%RSD	140.7	8.215	39.06	2.388	39.31	23.33	2.038
#1	.0008	-.0024	.0125	.0004	-.0005	1.370	1.241
#2	.0000	-.0026	.0071	.0004	-.0009	.9818	1.277

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	.0049	.0006	.0015	.0072	-.0004	.0033
SDev	.0014	.0065	.0012	.0016	.0058	.0139	.0022
%RSD	4762.	132.3	202.3	105.1	80.23	3896.	65.70
#1	-.0009	.0095	.0014	.0004	.0113	.0094	.0018
#2	.0010	.0003	-.0003	.0026	.0031	-.0102	.0048

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.90	-.0034	.0007	3.371	.0012	-.0007	.0028
SDev	.87	.0011	.0001	.009	.0006	.0005	.0034
%RSD	.8926	32.76	16.22	.2810	53.40	67.32	123.4
#1	97.28	-.0026	.0008	3.364	.0008	-.0004	.0052
#2	98.52	-.0042	.0006	3.378	.0017	-.0010	.0004

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0277	.0032	.0004	-.0021	.0869	.0015	.0012
SDev	.0001	.0031	.0001	.0002	.0214	.0003	.0003
%RSD	.4346	96.71	18.67	8.805	24.59	17.12	24.33
#1	.0276	.0010	.0003	-.0019	.1020	.0013	.0014
#2	.0278	.0054	.0004	-.0022	.0718	.0016	.0010

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0003	.0018	.0007
SDev	.0000	.0003	.0001
%RSD	15.58	14.85	6.480
#1	-.0002	.0020	.0007
#2	-.0003	.0016	.0007

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	903548	10000	--	--	--	--	--
SDev	8152.941	.0000000	--	--	--	--	--
%RSD	.9023252	.0000000	--	--	--	--	--
#1	897783	10000	--	--	--	--	--
#2	909313	10000	--	--	--	--	--

Method: DAILY2 Sample Name: CCV4 Operator:
Run Time: 10/12/07 15:09:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9897	10.04	5.063	5.063	9.989	1.025	4.891
SDev	.0014	.02	.024	.030	.003	.002	.011
%RSD	.1392	.2378	.4805	.5871	.0343	.2104	.2309
#1	.9887	10.02	5.045	5.042	9.991	1.023	4.883
#2	.9906	10.06	5.080	5.084	9.986	1.026	4.899
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.98	1.018	4.960	1.951	2.037	10.44	18.78
SDev	.08	.006	.012	.006	.002	.01	.05
%RSD	.3819	.5691	.2498	.3172	.0982	.1341	.2405
#1	19.92	1.014	4.951	1.947	2.036	10.43	18.74
#2	20.03	1.022	4.968	1.956	2.039	10.45	18.81
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.049	4.783	20.27	1.012	5.049	27.65	H42.71
SDev	.006	.008	.06	.003	.012	.17	.16
%RSD	.1128	.1573	.2828	.2584	.2316	.6039	.3823
#1	5.053	4.777	20.23	1.010	5.041	27.53	H42.59
#2	5.045	4.788	20.31	1.014	5.057	27.77	H42.82
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.733	5.113	4.905	4.893	1.043	.9940	1.002
SDev	.022	.001	.011	.022	.004	.0003	.002
%RSD	.4627	.0121	.2141	.4533	.3506	.0301	.2169
#1	4.717	5.113	4.898	4.877	1.041	.9942	1.004
#2	4.748	5.113	4.913	4.909	1.046	.9938	1.001
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.93	5.197	5.143	5.116	4.897	5.161	5.075
SDev	1.13	.017	.007	.016	.018	.010	.009
%RSD	1.168	.3366	.1283	.3137	.3734	.1982	.1861
#1	97.73	5.209	5.148	5.104	4.884	5.168	5.068
#2	96.13	5.184	5.139	5.127	4.910	5.154	5.082
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.082	1.000	4.932	5.192	1.029	5.055	.9913
SDev	.003	.001	.002	.005	.037	.004	.0084
%RSD	.0653	.1353	.0412	.0913	3.629	.0864	.8439
#1	5.080	.9992	4.933	5.189	1.002	5.051	.9853
#2	5.084	1.001	4.930	5.196	1.055	5.058	.9972
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.059	1.012	5.096
SDev	.001	.007	.006
%RSD	.0195	.6566	.1090
#1	5.059	1.007	5.100
#2	5.060	1.016	5.092
Errors	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500
Low	4.500	.9000	4.500

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	894632	10000	--	--	--	--	--
SDev	10444.67	.0000000	--	--	--	--	--
%RSD	1.167482	.0000000	--	--	--	--	--
#1	902018	10000	--	--	--	--	--
#2	887247	10000	--	--	--	--	--

Method: DAILY2 Sample Name: CCB4 Operator:
Run Time: 10/12/07 15:14:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	-.0231	.0012	-.0079	.0007	-.0002	-.0022
SDev	.0012	.0103	.0017	.0008	.0006	.0001	.0025
%RSD	403.9	44.69	137.9	9.740	92.20	72.84	116.2
#1	.0005	-.0158	.0024	-.0074	.0011	-.0001	-.0004
#2	-.0011	-.0304	.0000	-.0084	.0002	-.0003	-.0039
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0025	-.0001	.0002	-.0002	.0008	.0055	.0112
SDev	.0027	.0003	.0010	.0014	.0006	.0192	.0207
%RSD	105.7	310.8	418.9	720.3	70.20	351.5	184.5
#1	.0044	.0001	.0010	-.0012	.0004	.0191	.0259
#2	.0006	-.0004	-.0005	.0008	.0012	-.0081	-.0034
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	-.0023	.0051	-.0000	.0006	-.0327	.0167
SDev	.0020	.0005	.0114	.0001	.0005	.0216	.0075
%RSD	319.6	19.43	222.1	2222.	84.59	65.88	44.56
#1	.0008	-.0020	.0132	-.0001	.0009	-.0175	.0220
#2	-.0020	-.0027	-.0029	.0001	.0002	-.0480	.0114
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	.0024	.0008	.0011	.0011	-.0072	-.0022
SDev	.0005	.0041	.0109	.0060	.0042	.0072	.0007
%RSD	80.33	168.5	1345.	532.8	368.2	100.5	32.45
#1	-.0010	-.0005	.0085	-.0031	.0041	-.0123	-.0027
#2	-.0003	.0054	-.0069	.0053	-.0018	-.0021	-.0017
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0200	.0100
Low	-.0050	-.0100			-.0050	-.0200	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.85	.0005	.0029	.0017	.0010	.0021	-.0010
SDev	.46	.0046	.0045	.0052	.0003	.0015	.0041
%RSD	.4679	858.8	155.7	311.2	33.27	69.95	427.7
#1	97.53	.0038	-.0003	.0053	.0008	.0011	.0020
#2	98.17	-.0027	.0061	-.0020	.0013	.0032	-.0039
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	-.0003	.0004	-.0007	-.0216	.0003	-.0002
SDev	.0005	.0073	.0001	.0017	.0481	.0004	.0052
%RSD	154.3	2108.	35.20	229.9	222.6	156.4	2177.
#1	.0006	-.0055	.0005	.0005	.0124	-.0000	.0034
#2	-.0000	.0048	.0003	-.0019	-.0557	.0006	-.0039
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0003	.0001	.0001
SDev	.0002	.0004	.0003
%RSD	77.66	733.4	226.6
#1	.0004	.0003	-.0001
#2	.0001	-.0002	.0003
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	903140	10000	--	--	--	--	--
SDev	4191.022	.0000000	--	--	--	--	--
%RSD	.4640503	.0000000	--	--	--	--	--
#1	900176	10000	--	--	--	--	--
#2	906103	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 304224 Operator:
Run Time: 10/12/07 15:19:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0041	.0000	-.0091	.0015	-.0002	.0025
SDev	.0009	.0126	.0012	.0001	.0001	.0001	.0025
%RSD	189.9	309.4	2727.	.9186	7.134	31.38	99.94
#1	-.0002	-.0048	-.0008	-.0090	.0016	-.0002	.0007
#2	.0011	.0130	.0009	-.0091	.0014	-.0001	.0042

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	42.23	-.0000	.0011	.0015	.0018	.0341	.0746
SDev	.09	.0001	.0009	.0012	.0006	.0154	.0194
%RSD	.2040	250.7	82.09	77.81	30.85	45.01	25.97
#1	42.17	-.0001	.0005	.0023	.0022	.0232	.0609
#2	42.29	.0000	.0018	.0007	.0014	.0449	.0883

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0007	-.0024	.0123	.0003	.0004	1.231	1.207
SDev	.0011	.0001	.0089	.0001	.0003	.167	.011
%RSD	158.2	5.228	72.74	38.80	83.04	13.57	.9464
#1	-.0001	-.0025	.0060	.0003	.0002	1.113	1.199
#2	.0014	-.0023	.0186	.0002	.0006	1.349	1.215

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0006	.0028	-.0057	.0040	.0063	-.0018	.0035
SDev	.0001	.0048	.0017	.0006	.0040	.0008	.0014
%RSD	7.883	171.7	30.14	16.23	63.23	45.54	39.84
#1	.0006	-.0006	-.0069	.0045	.0035	-.0023	.0025
#2	.0006	.0061	-.0045	.0035	.0092	-.0012	.0045

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.59	-.0037	.0056	3.322	.0008	.0025	.0028
SDev	1.64	.0051	.0032	.020	.0001	.0004	.0005
%RSD	1.699	138.9	56.40	.6127	17.25	15.82	19.15
#1	97.75	-.0073	.0079	3.308	.0007	.0028	.0024
#2	95.43	-.0001	.0034	3.337	.0009	.0022	.0032

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0268	.0052	.0004	-.0022	.2246	.0015	.0021
SDev	.0001	.0031	.0002	.0021	.0395	.0014	.0004
%RSD	.3063	59.76	47.66	96.53	17.58	97.99	19.90
#1	.0268	.0073	.0005	-.0007	.1967	.0025	.0024
#2	.0269	.0030	.0003	-.0037	.2525	.0005	.0018

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0003	.0006	.0009
SDev	.0001	.0002	.0008
%RSD	51.02	28.36	87.02
#1	-.0002	.0005	.0014
#2	-.0004	.0008	.0003

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	891465	10000	--	--	--	--	--
SDev	15204.21	.0000000	--	--	--	--	--
%RSD	1.705531	.0000000	--	--	--	--	--
#1	902216	10000	--	--	--	--	--
#2	880714	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 304225 Operator:
Run Time: 10/12/07 15:24:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	-.0138	.0011	-.0114	.0012	-.0002	-.0041
SDev	.0002	.0056	.0009	.0026	.0002	.0000	.0015
%RSD	83.10	40.31	80.61	22.62	18.92	7.117	37.63
#1	.0004	-.0099	.0005	-.0096	.0014	-.0002	-.0030
#2	.0001	-.0178	.0017	-.0132	.0010	-.0002	-.0052

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.86	.0001	.0005	-.0005	.0005	.0311	.0575
SDev	.11	.0000	.0006	.0018	.0010	.0069	.0076
%RSD	.2540	45.48	118.1	371.9	190.8	22.15	13.22
#1	41.93	.0001	.0001	.0008	.0012	.0262	.0521
#2	41.78	.0000	.0009	-.0018	-.0002	.0360	.0628

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	-.0026	.0078	-.0000	-.0006	1.103	1.208
SDev	.0001	.0001	.0019	.0001	.0011	.094	.003
%RSD	39.04	3.974	24.82	346.4	176.7	8.492	.2105
#1	.0004	-.0025	.0065	.0000	.0002	1.036	1.206
#2	.0002	-.0027	.0092	-.0001	-.0014	1.169	1.210

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0013	.0011	-.0011	.0012	.0064	.0054	-.0051
SDev	.0008	.0012	.0011	.0001	.0029	.0072	.0026
%RSD	59.90	112.5	101.8	9.011	44.97	133.7	51.40
#1	-.0007	.0002	-.0003	.0011	.0044	.0104	-.0033
#2	-.0018	.0019	-.0018	.0012	.0084	.0003	-.0070

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.82	-.0013	.0008	3.309	.0004	.0001	.0016
SDev	.77	.0049	.0027	.010	.0003	.0001	.0013
%RSD	.7956	390.4	334.3	.2996	66.02	122.1	80.72
#1	96.28	.0022	-.0011	3.316	.0006	.0000	.0024
#2	97.37	-.0047	.0027	3.302	.0002	.0002	.0007

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0268	-.0021	-.0000	-.0041	.2341	-.0002	.0011
SDev	.0000	.0051	.0004	.0001	.0032	.0013	.0039
%RSD	.0112	240.0	1347.	1.632	1.354	598.4	341.6
#1	.0268	.0015	.0003	-.0042	.2364	.0007	-.0016
#2	.0268	-.0058	-.0003	-.0041	.2319	-.0011	.0039

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0006	.0004	-.0008
SDev	.0002	.0001	.0014
%RSD	38.85	20.29	168.1
#1	-.0004	.0003	.0002
#2	-.0007	.0004	-.0018

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	893668	10000	--	--	--	--	--
SDev	7121.273	.0000000	--	--	--	--	--
%RSD	.7968593	.0000000	--	--	--	--	--
#1	888632	10000	--	--	--	--	--
#2	898703	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 304226 Operator:
Run Time: 10/12/07 15:29:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	-.0226	.0018	-.0118	.0012	-.0002	-.0052
SDev	.0005	.0088	.0035	.0011	.0000	.0000	.0042
%RSD	79.90	39.02	193.9	9.260	.6278	6.997	80.35
#1	-.0011	-.0288	.0043	-.0110	.0012	-.0002	-.0081
#2	-.0003	-.0164	-.0007	-.0126	.0012	-.0002	-.0022

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.82	-.0003	-.0001	-.0001	.0007	.0094	.0447
SDev	.00	.0000	.0005	.0003	.0000	.0085	.0144
%RSD	.0033	10.85	437.5	345.6	5.180	90.53	32.18
#1	41.82	-.0003	.0002	.0001	.0007	.0034	.0345
#2	41.82	-.0003	-.0004	-.0003	.0007	.0153	.0548

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	-.0027	.0060	.0001	-.0005	.1719	.0129
SDev	.0007	.0000	.0084	.0000	.0005	.0724	.0036
%RSD	124.6	.2541	140.9	58.30	96.85	42.10	27.68
#1	-.0010	-.0027	.0000	.0000	-.0008	.2231	.0104
#2	-.0001	-.0027	.0120	.0001	-.0002	.1208	.0154

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0010	.0023	-.0002	.0013	.0018	-.0007	-.0030
SDev	.0008	.0006	.0027	.0003	.0002	.0133	.0009
%RSD	75.71	24.59	1269.	20.69	10.40	1815.	29.56
#1	-.0005	.0019	-.0021	.0011	.0017	-.0101	-.0023
#2	-.0015	.0027	.0017	.0014	.0020	.0087	-.0036

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.36	.0026	.0023	3.348	.0008	.0024	-.0006
SDev	.09	.0008	.0033	.003	.0011	.0019	.0021
%RSD	.0953	30.25	141.9	.0757	137.6	79.62	330.2
#1	97.29	.0020	.0046	3.350	.0000	.0038	.0009
#2	97.42	.0031	-.0000	3.346	.0015	.0010	-.0021

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0256	.0010	.0001	-.0031	.1912	.0000	-.0005
SDev	.0000	.0030	.0000	.0062	.0247	.0005	.0007
%RSD	.1388	297.2	16.10	201.3	12.94	996.4	125.3
#1	.0255	.0032	.0001	-.0075	.1737	.0004	-.0001
#2	.0256	-.0011	.0001	.0013	.2086	-.0003	-.0010

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0006	.0002	-.0006
SDev	.0000	.0003	.0001
%RSD	5.810	119.3	20.08
#1	-.0006	.0004	-.0007
#2	-.0005	.0000	-.0005

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	898568	10000	--	--	--	--	--
SDev	803.9804	.0000000	--	--	--	--	--
%RSD	.0894735	.0000000	--	--	--	--	--
#1	898000	10000	--	--	--	--	--
#2	899137	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 304227 Operator:
Run Time: 10/12/07 15:34:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	-.0147	.0007	-.0119	.0013	-.0002	.0004
SDev	.0015	.0009	.0005	.0001	.0000	.0000	.0065
%RSD	277.2	6.431	79.84	.6289	2.361	22.12	1748.
#1	-.0005	-.0154	.0003	-.0119	.0013	-.0002	-.0042
#2	.0016	-.0140	.0010	-.0118	.0013	-.0001	.0050

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.86	-.0001	.0002	.0006	.0010	.0204	.0654
SDev	.06	.0002	.0008	.0008	.0004	.0678	.0418
%RSD	.1438	374.4	314.5	135.9	36.85	332.4	63.99
#1	41.81	-.0002	-.0003	.0000	.0013	-.0276	.0358
#2	41.90	.0001	.0008	.0011	.0008	.0684	.0950

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	-.0027	.0112	.0001	-.0003	.4358	.0161
SDev	.0022	.0002	.0132	.0000	.0003	.4708	.0079
%RSD	695.6	7.861	117.7	.0506	94.65	108.0	48.78
#1	-.0012	-.0028	.0019	.0001	-.0001	.1029	.0106
#2	.0019	-.0025	.0205	.0001	-.0005	.7687	.0217

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	-.0010	-.0003	.0012	.0068	-.0066	.0002
SDev	.0003	.0065	.0010	.0006	.0108	.0062	.0003
%RSD	36.53	632.0	361.7	51.19	159.9	93.23	186.6
#1	-.0006	-.0056	-.0010	.0007	-.0009	-.0023	-.0001
#2	-.0010	.0036	.0005	.0016	.0144	-.0110	.0004

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.62	-.0001	-.0002	3.358	.0007	-.0002	.0019
SDev	.46	.0005	.0013	.014	.0008	.0007	.0022
%RSD	.4720	396.4	630.9	.4281	107.1	432.5	117.2
#1	96.95	-.0004	.0007	3.368	.0002	.0004	.0003
#2	96.30	.0002	-.0012	3.348	.0012	-.0007	.0035

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0256	.0026	.0002	-.0028	.2292	.0008	-.0004
SDev	.0001	.0022	.0001	.0013	.0720	.0002	.0038
%RSD	.4230	84.34	44.42	47.68	31.43	25.08	865.1
#1	.0257	.0042	.0003	-.0038	.1782	.0009	-.0031
#2	.0255	.0011	.0002	-.0019	.2801	.0007	.0022

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0004	.0003	.0000
SDev	.0000	.0000	.0006
%RSD	6.694	.5112	1318.
#1	-.0005	.0003	-.0004
#2	-.0004	.0003	.0004

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	891770	10000	--	--	--	--	--
SDev	4254.662	.0000000	--	--	--	--	--
%RSD	.4771033	.0000000	--	--	--	--	--
#1	894778	10000	--	--	--	--	--
#2	888761	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 304228 Operator:
Run Time: 10/12/07 15:38:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	-.0097	-.0009	-.0091	.0009	-.0002	-.0026
SDev	.0002	.0023	.0037	.0020	.0001	.0000	.0007
%RSD	96.77	23.60	423.5	22.05	10.17	6.576	25.85
#1	-.0003	-.0081	.0018	-.0077	.0009	-.0002	-.0022
#2	-.0001	-.0113	-.0035	-.0106	.0008	-.0002	-.0031

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.53	-.0001	-.0007	.0006	.0005	.1009	.1899
SDev	.19	.0001	.0002	.0009	.0006	.0220	.0301
%RSD	.3854	134.8	32.22	156.6	121.7	21.77	15.83
#1	49.66	-.0002	-.0005	.0012	.0009	.0854	.1687
#2	49.39	-.0000	-.0008	-.0001	.0001	.1165	.2112

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	-.0025	.0199	.0001	-.0017	16.38	23.28
SDev	.0003	.0001	.0010	.0002	.0000	.43	.13
%RSD	6079.	2.070	5.159	176.0	.3327	2.636	.5544
#1	-.0002	-.0025	.0206	.0002	-.0017	16.08	23.38
#2	.0002	-.0025	.0192	-.0000	-.0017	16.69	23.19

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0009	.0081	-.0023	.0002	.0174	.0074	-.0025
SDev	.0002	.0012	.0003	.0000	.0070	.0136	.0053
%RSD	20.73	15.14	12.87	6.542	40.45	184.6	215.7
#1	-.0008	.0090	-.0021	.0002	.0124	.0170	.0013
#2	-.0011	.0072	-.0025	.0002	.0224	-.0022	-.0062

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.93	-.0017	.0009	9.486	-.0006	.0001	.0008
SDev	.64	.0002	.0027	.005	.0001	.0019	.0028
%RSD	.6582	12.67	290.5	.0538	18.15	2730.	348.8
#1	97.48	-.0018	-.0010	9.489	-.0005	-.0013	-.0012
#2	98.39	-.0015	.0028	9.482	-.0007	.0014	.0028

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0080	.0057	-.0002	-.0027	.8292	.0022	-.0003
SDev	.0000	.0027	.0002	.0010	.0102	.0004	.0011
%RSD	.4366	46.84	110.3	35.46	1.235	19.14	331.5
#1	.0080	.0076	-.0000	-.0034	.8219	.0025	-.0011
#2	.0080	.0038	-.0003	-.0020	.8364	.0019	.0004

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0006	.0004	-.0011
SDev	.0002	.0002	.0006
%RSD	27.65	46.31	59.28
#1	-.0005	.0005	-.0006
#2	-.0007	.0002	-.0015

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	903942	10000	--	--	--	--	--
SDev	5936.869	.0000000	--	--	--	--	--
%RSD	.6567754	.0000000	--	--	--	--	--
#1	899744	10000	--	--	--	--	--
#2	908140	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 304229 Operator:
Run Time: 10/12/07 15:43:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	-.0055	-.0017	-.0088	.0015	-.0002	-.0040
SDev	.0001	.0063	.0025	.0017	.0001	.0000	.0000
%RSD	21.14	113.7	151.7	19.21	4.562	1.821	.5833
#1	-.0007	-.0100	-.0035	-.0100	.0016	-.0002	-.0040
#2	-.0005	-.0011	.0001	-.0076	.0015	-.0002	-.0040

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.32	-.0002	-.0001	.0013	.0009	.0953	.3011
SDev	.62	.0003	.0001	.0008	.0004	.0076	.0047
%RSD	1.184	133.2	44.91	59.04	49.51	8.034	1.549
#1	51.88	-.0004	-.0001	.0019	.0012	.1007	.2978
#2	52.76	-.0000	-.0002	.0008	.0006	.0899	.3044

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	-.0025	.0171	.0003	-.0009	17.37	24.93
SDev	.0003	.0000	.0003	.0001	.0006	.21	.05
%RSD	88.58	1.933	1.638	34.43	60.58	1.236	.2021
#1	-.0005	-.0025	.0169	.0004	-.0005	17.22	24.96
#2	-.0001	-.0024	.0173	.0002	-.0013	17.52	24.89

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0088	-.0056	.0026	.0158	.0107	-.0025
SDev	.0013	.0056	.0038	.0030	.0001	.0058	.0041
%RSD	950.6	63.39	67.34	115.0	.9537	54.33	162.8
#1	.0008	.0049	-.0083	.0005	.0157	.0066	.0004
#2	-.0011	.0127	-.0029	.0048	.0159	.0149	-.0054

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.94	-.0046	.0006	10.00	-.0001	-.0012	-.0005
SDev	2.58	.0035	.0014	.01	.0033	.0003	.0001
%RSD	2.661	74.66	245.0	.1132	3820.	21.70	14.94
#1	98.76	-.0022	-.0004	9.997	-.0024	-.0010	-.0004
#2	95.12	-.0071	.0015	10.01	.0022	-.0013	-.0005

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0084	.0074	-.0001	-.0027	.6600	.0033	.0020
SDev	.0001	.0027	.0003	.0037	.0217	.0003	.0002
%RSD	1.013	37.20	470.0	134.8	3.286	8.766	9.723
#1	.0085	.0094	.0002	-.0053	.6753	.0035	.0022
#2	.0084	.0055	-.0003	-.0001	.6446	.0031	.0019

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0005	.0006	-.0003
SDev	.0001	.0002	.0007
%RSD	22.63	38.52	211.8
#1	-.0004	.0007	.0002
#2	-.0006	.0004	-.0008

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	894743	10000	--	--	--	--	--
SDev	23780.00	.0000000	--	--	--	--	--
%RSD	2.657747	.0000000	--	--	--	--	--
#1	911558	10000	--	--	--	--	--
#2	877928	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 304230 Operator:
Run Time: 10/12/07 15:48:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0015	-.0072	-.0003	-.0093	.0046	-.0002	.0030
SDev	.0007	.0036	.0020	.0030	.0000	.0000	.0018
%RSD	45.42	50.44	768.3	31.95	.6759	22.91	59.84
#1	.0010	-.0097	-.0017	-.0115	.0046	-.0002	.0043
#2	.0020	-.0046	.0011	-.0072	.0046	-.0001	.0017

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.46	.0001	.0010	-.0004	.0005	.1299	1.287
SDev	.46	.0002	.0001	.0003	.0007	.0268	.013
%RSD	.8906	143.7	13.69	76.46	137.2	20.61	1.029
#1	51.14	-.0000	.0011	-.0007	.0000	.1109	1.277
#2	51.79	.0003	.0009	-.0002	.0010	.1488	1.296

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0027	-.0024	.0385	.0003	-.0015	17.14	23.96
SDev	.0007	.0001	.0016	.0001	.0001	.33	.19
%RSD	27.00	4.487	4.159	16.62	4.942	1.917	.7984
#1	.0022	-.0025	.0374	.0003	-.0016	16.91	24.10
#2	.0032	-.0023	.0397	.0004	-.0015	17.37	23.83

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	.0480	.0038	-.0019	.0243	.0113	-.0036
SDev	.0004	.0060	.0012	.0010	.0062	.0094	.0014
%RSD	126.1	12.60	31.75	52.54	25.53	83.15	40.55
#1	-.0000	.0437	.0029	-.0026	.0199	.0046	-.0025
#2	-.0005	.0523	.0046	-.0012	.0287	.0179	-.0046

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.47	.0004	-.0040	9.674	.0000	-.0025	.0024
SDev	2.63	.0089	.0008	.019	.0010	.0035	.0001
%RSD	2.725	2369.	18.99	.1953	3796.	137.0	3.129
#1	98.32	-.0059	-.0045	9.661	-.0007	-.0050	.0024
#2	94.61	.0067	-.0035	9.688	.0008	-.0001	.0023

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0084	-.0022	-.0002	-.0005	.5604	.0027	.0017
SDev	.0000	.0022	.0002	.0016	.0231	.0005	.0009
%RSD	.0585	99.39	115.5	293.4	4.123	17.54	57.14
#1	.0084	-.0038	-.0004	-.0017	.5440	.0023	.0010
#2	.0084	-.0007	-.0000	.0006	.5767	.0030	.0023

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0006	.0023	-.0001
SDev	.0001	.0004	.0009
%RSD	9.080	19.59	1236.
#1	-.0007	.0020	-.0007
#2	-.0006	.0026	.0006

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	890326	10000	--	--	--	--	--
SDev	24303.26	.0000000	--	--	--	--	--
%RSD	2.729703	.0000000	--	--	--	--	--
#1	907511	10000	--	--	--	--	--
#2	873141	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 304231 Operator:
Run Time: 10/12/07 15:53:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	-.0104	.0001	-.0096	.0003	-.0002	-.0005
SDev	.0003	.0006	.0013	.0000	.0001	.0000	.0012
%RSD	61.80	5.477	965.0	.1047	30.76	11.21	226.5
#1	-.0006	-.0100	-.0008	-.0096	.0003	-.0002	.0003
#2	-.0002	-.0108	.0011	-.0096	.0004	-.0002	-.0014

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.76	-.0002	-.0000	-.0004	-.0002	.0963	.1899
SDev	.00	.0000	.0000	.0006	.0005	.0124	.0211
%RSD	.0059	13.09	5.738	165.9	296.6	12.84	11.11
#1	49.76	-.0002	-.0000	-.0008	-.0005	.0876	.1750
#2	49.76	-.0002	-.0000	.0001	.0002	.1051	.2049

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	-.0025	.0210	.0000	-.0019	16.33	23.19
SDev	.0004	.0001	.0048	.0001	.0008	.01	.20
%RSD	570.8	2.555	22.95	114.6	44.68	.0464	.8630
#1	-.0004	-.0026	.0176	.0001	-.0024	16.33	23.33
#2	.0002	-.0025	.0244	.0000	-.0013	16.32	23.05

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	.0078	-.0012	.0014	.0165	.0080	-.0005
SDev	.0007	.0059	.0002	.0008	.0044	.0011	.0028
%RSD	98.92	76.32	13.28	52.76	26.71	13.78	509.6
#1	-.0002	.0036	-.0013	.0009	.0134	.0088	-.0025
#2	-.0012	.0120	-.0011	.0019	.0197	.0072	.0014

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.05	.0026	-.0008	9.603	.0006	.0004	-.0007
SDev	.27	.0006	.0007	.005	.0006	.0006	.0001
%RSD	.2810	21.72	91.87	.0551	95.85	177.9	17.62
#1	97.24	.0030	-.0003	9.607	.0002	.0008	-.0006
#2	96.85	.0022	-.0013	9.599	.0010	-.0001	-.0008

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0079	.0021	-.0004	-.0033	1.500	.0019	.0005
SDev	.0000	.0017	.0001	.0033	.004	.0004	.0001
%RSD	.0618	78.86	29.08	99.81	.2999	21.48	26.09
#1	.0079	.0009	-.0005	-.0056	1.496	.0016	.0006
#2	.0079	.0033	-.0003	-.0010	1.503	.0022	.0004

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0008	.0005	-.0021
SDev	.0001	.0000	.0005
%RSD	8.827	8.520	23.67
#1	-.0009	.0005	-.0024
#2	-.0008	.0004	-.0017

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	895664	10000	--	--	--	--	--
SDev	2454.368	.0000000	--	--	--	--	--
%RSD	.2740276	.0000000	--	--	--	--	--
#1	897400	10000	--	--	--	--	--
#2	893929	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 304232 Operator:
Run Time: 10/12/07 15:58:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0026	.0004	-.0090	.0006	-.0002	-.0004
SDev	.0001	.0010	.0009	.0015	.0003	.0000	.0058
%RSD	83.45	39.14	239.7	16.68	42.82	8.160	1454.
#1	.0001	-.0034	.0010	-.0101	.0004	-.0002	-.0045
#2	.0000	-.0019	-.0003	-.0079	.0008	-.0002	.0037

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.55	-.0001	-.0001	.0015	.0011	.0846	.1944
SDev	.13	.0001	.0001	.0032	.0021	.0357	.0294
%RSD	.2681	233.8	85.36	206.0	189.1	42.25	15.10
#1	49.64	.0000	-.0000	-.0007	-.0004	.1099	.2152
#2	49.45	-.0002	-.0002	.0038	.0025	.0593	.1737

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	-.0026	.0243	.0003	-.0007	16.07	23.29
SDev	.0002	.0001	.0012	.0003	.0008	.08	.18
%RSD	886.3	3.518	4.874	97.93	105.3	.4997	.7738
#1	.0001	-.0025	.0234	.0001	-.0013	16.12	23.17
#2	-.0002	-.0026	.0251	.0005	-.0002	16.01	23.42

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	.0044	-.0057	.0031	.0146	.0035	.0009
SDev	.0017	.0035	.0109	.0035	.0073	.0155	.0011
%RSD	240.9	80.53	189.4	111.5	50.14	440.0	121.6
#1	-.0019	.0019	.0019	.0007	.0198	.0144	.0001
#2	.0005	.0068	-.0134	.0056	.0094	-.0074	.0017

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.59	-.0016	-.0009	9.590	.0002	-.0011	.0001
SDev	.40	.0102	.0053	.004	.0013	.0001	.0004
%RSD	.4061	626.5	609.2	.0457	729.9	9.644	271.2
#1	97.31	.0056	-.0046	9.593	.0011	-.0012	-.0001
#2	97.87	-.0089	.0029	9.587	-.0007	-.0010	.0004

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0079	.0080	.0001	-.0026	1.518	.0035	-.0001
SDev	.0000	.0076	.0006	.0017	.022	.0016	.0012
%RSD	.4080	95.69	886.4	66.30	1.446	46.74	1388.
#1	.0080	.0026	-.0004	-.0014	1.533	.0024	.0007
#2	.0079	.0134	.0005	-.0038	1.502	.0047	-.0009

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0005	.0006	-.0004
SDev	.0004	.0001	.0015
%RSD	89.35	19.37	369.0
#1	-.0008	.0005	-.0015
#2	-.0002	.0007	.0007

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	900727	10000	--	--	--	--	--
SDev	3722.210	.0000000	--	--	--	--	--
%RSD	.4132451	.0000000	--	--	--	--	--
#1	898095	10000	--	--	--	--	--
#2	903359	10000	--	--	--	--	--

Method: DAILY2 Sample Name: CCV5 Operator:
Run Time: 10/12/07 16:03:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9878	10.02	5.038	5.037	9.940	1.026	4.861
SDev	.0014	.02	.021	.003	.025	.002	.005
%RSD	.1448	.1829	.4190	.0581	.2519	.1894	.0940
#1	.9888	10.04	5.053	5.035	9.958	1.025	4.864
#2	.9868	10.01	5.023	5.039	9.922	1.027	4.858
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.05	1.016	4.946	1.953	2.027	10.42	18.62
SDev	.08	.001	.005	.006	.007	.01	.13
%RSD	.3796	.1028	.1104	.3119	.3662	.0819	.7136
#1	19.99	1.015	4.943	1.949	2.032	10.43	18.71
#2	20.10	1.017	4.950	1.957	2.021	10.41	18.52
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.046	4.739	20.21	1.011	5.037	27.67	H42.21
SDev	.008	.032	.03	.002	.004	.14	.27
%RSD	.1528	.6673	.1336	.1812	.0772	.5211	.6381
#1	5.052	4.761	20.19	1.010	5.040	27.77	H42.40
#2	5.041	4.716	20.23	1.012	5.034	27.57	H42.02
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.704	5.041	4.942	4.863	1.042	.9887	.9943
SDev	.007	.087	.031	.034	.002	.0153	.0021
%RSD	.1483	1.720	.6333	.6911	.2282	1.543	.2132
#1	4.699	4.980	4.920	4.839	1.043	.9995	.9958
#2	4.709	5.103	4.964	4.887	1.040	.9779	.9928
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.18	5.256	5.117	5.090	4.889	5.163	5.064
SDev	1.25	.037	.040	.002	.033	.039	.003
%RSD	1.304	.7054	.7742	.0393	.6717	.7509	.0589
#1	97.06	5.230	5.089	5.089	4.866	5.136	5.062
#2	95.29	5.283	5.145	5.092	4.913	5.191	5.066
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.069	1.007	4.922	5.175	1.002	5.049	.9920
SDev	.019	.000	.002	.015	.033	.006	.0008
%RSD	.3758	.0008	.0459	.2918	3.308	.1148	.0805
#1	5.083	1.007	4.923	5.185	.9789	5.045	.9926
#2	5.056	1.007	4.920	5.164	1.026	5.053	.9914
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.051	1.011	5.115
SDev	.005	.005	.003
%RSD	.0995	.5441	.0522
#1	5.055	1.007	5.113
#2	5.048	1.015	5.116
Errors	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500
Low	4.500	.9000	4.500

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	887644	10000	--	--	--	--	--
SDev	11594.43	.0000000	--	--	--	--	--
%RSD	1.306204	.0000000	--	--	--	--	--
#1	895842	10000	--	--	--	--	--
#2	879445	10000	--	--	--	--	--

Method: DAILY2 Sample Name: CCB5 Operator:
Run Time: 10/12/07 16:07:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0022	-.0327	-.0012	-.0123	-.0002	-.0003	-.0082
SDev	.0016	.0059	.0041	.0049	.0001	.0001	.0006
%RSD	76.27	18.04	341.5	39.93	54.25	21.25	7.009
#1	-.0010	-.0285	-.0041	-.0089	-.0001	-.0002	-.0077
#2	-.0033	-.0369	.0017	-.0158	-.0003	-.0003	-.0086
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0007	-.0008	-.0021	-.0005	-.0085	-.0088
SDev	.0034	.0002	.0013	.0013	.0003	.0168	.0437
%RSD	4546.	32.35	156.4	62.57	66.04	198.4	494.9
#1	.0024	-.0005	.0001	-.0012	-.0003	.0034	.0221
#2	-.0023	-.0008	-.0017	-.0031	-.0007	-.0204	-.0397
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0027	-.0028	-.0121	-.0002	-.0004	-.0434	.0148
SDev	.0017	.0001	.0059	.0000	.0008	.4035	.0004
%RSD	62.17	4.268	48.69	11.53	209.2	929.3	2.627
#1	-.0015	-.0028	-.0079	-.0002	-.0010	H.2419	.0151
#2	-.0038	-.0029	-.0163	-.0002	.0002	L-.3288	.0145
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0026	.0003	.0021	.0009	-.0013	-.0009	L-.0100
SDev	.0011	.0128	.0013	.0012	.0087	.0020	.0010
%RSD	42.82	4907.	59.16	135.6	659.5	219.0	9.969
#1	-.0018	-.0088	.0012	.0000	.0048	.0005	-.0093
#2	-.0034	.0093	.0030	.0017	L-.0075	-.0023	L-.0107
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Low
High	.0050	.0100			.0050	.0200	.0100
Low	-.0050	-.0100			-.0050	-.0200	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.66	.0001	.0001	-.0043	.0013	.0002	-.0015
SDev	2.76	.0022	.0021	.0053	.0012	.0006	.0012
%RSD	2.793	1588.	1426.	124.3	92.34	423.8	78.14
#1	96.72	-.0014	.0016	-.0005	.0005	.0006	-.0007
#2	100.6	.0017	-.0013	-.0081	.0022	-.0003	-.0023
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	-.0044	-.0006	-.0040	L-.1012	-.0019	-.0013
SDev	.0001	.0030	.0002	.0009	.0479	.0012	.0017
%RSD	70.48	67.87	30.32	22.01	47.31	66.98	133.6
#1	-.0000	-.0023	-.0004	-.0034	-.0673	-.0010	-.0001
#2	-.0001	-.0066	-.0007	-.0047	L-.1350	-.0027	-.0025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0004	-.0004	-.0027
SDev	.0002	.0004	.0010
%RSD	38.16	117.2	37.24
#1	-.0003	-.0001	-.0020
#2	-.0006	-.0007	-.0034
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	910642	10000	--	--	--	--	--
SDev	25450.19	.0000000	--	--	--	--	--
%RSD	2.794752	.0000000	--	--	--	--	--
#1	892646	10000	--	--	--	--	--
#2	928638	10000	--	--	--	--	--

Method: DAILY2 Sample Name: CRI Operator:
Run Time: 10/12/07 16:12:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0197	.0860	.0198	.0878	.0208	.0098	.0007
SDev	.0010	.0056	.0024	.0005	.0001	.0000	.0010
%RSD	4.883	6.564	12.22	.5617	.2392	.1259	151.6
#1	.0204	.0820	.0180	.0875	.0207	.0097	.0014
#2	.0190	.0900	.0215	.0882	.0208	.0098	-.0000
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	.0300		.0300	.1500	.0300	.0150	
Low	.0100		.0100	.0500	.0100	.0050	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0018	.0100	.0984	.0193	.0499	.1321	.0140
SDev	.0005	.0004	.0008	.0000	.0006	.0215	.0126
%RSD	30.76	3.852	.8452	.0789	1.095	16.25	89.30
#1	.0021	.0102	.0989	.0193	.0495	.1473	.0229
#2	.0014	.0097	.0978	.0193	.0503	.1169	.0052
Errors	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High		.0150	.1500	.0300	.0750	.1500	
Low		.0050	.0500	.0100	.0250	.0500	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0682	.0060	.0303	.0210	.1020	.0184
SDev	.0006	.0000	.0031	.0000	.0004	.1739	.0026
%RSD	421.2	.0606	51.33	.1003	1.920	170.6	13.96
#1	.0006	.0682	.0081	.0303	.0207	.2250	.0202
#2	-.0003	.0682	.0038	.0303	.0213	-.0210	.0166
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK
High		.1500		.0450	.0300		
Low		.0500		.0150	.0100		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0764	.1083	.0082	.0064	.0027	.0016	.1143
SDev	.0002	.0068	.0003	.0006	.0040	.0001	.0028
%RSD	.2925	6.290	4.173	8.850	149.2	4.798	2.415
#1	.0766	.1035	.0079	.0060	.0055	.0015	.1123
#2	.0763	.1131	.0084	.0068	-.0001	.0016	.1162
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	.1200	.1500					.1800
Low	.0400	.0500					.0600

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.88	.0106	.0091	.1105	.0070	.0097	.0979
SDev	.30	.0008	.0019	.0041	.0005	.0016	.0013
%RSD	.3066	7.279	21.30	3.744	7.013	16.12	1.316
#1	98.09	.0101	.0078	.1134	.0067	.0086	.0988
#2	97.66	.0112	.0105	.1076	.0073	.0108	.0970
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.1500	.0090	.0150	.1500
Low				.0500	.0030	.0050	.0500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0215	.0011	.0200	.0151	.2116	.1006	.0006
SDev	.0000	.0036	.0001	.0021	.0512	.0005	.0001
%RSD	.1579	330.0	.6005	13.52	24.20	.5021	20.94
#1	.0215	-.0015	.0200	.0137	.2478	.1002	.0007
#2	.0215	.0037	.0201	.0166	.1754	.1009	.0005
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High	.0300		.0300	.0300		.1500	
Low	.0100		.0100	.0100		.0500	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	.0407	.0899
SDev	.0001	.0001	.0001
%RSD	82.60	.1120	.0883
#1	-.0001	.0406	.0899
#2	-.0000	.0407	.0898
Errors	NOCHECK	LC Pass	NOCHECK
High		.0600	
Low		.0200	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	903327	10000	--	--	--	--	--
SDev	2834.084	.0000000	--	--	--	--	--
%RSD	.3137384	.0000000	--	--	--	--	--
#1	905331	10000	--	--	--	--	--
#2	901323	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ICSA Operator:
Run Time: 10/12/07 16:17:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	528.2	.0014	-.0304	.0012	-.0000	-.0108
SDev	.0011	1.3	.0032	.0014	.0002	.0000	.0036
%RSD	135.1	.2409	226.3	4.538	17.18	160.8	33.60
#1	-.0000	527.3	.0037	-.0294	.0010	.0000	-.0082
#2	-.0015	529.1	-.0009	-.0313	.0013	-.0000	-.0133
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		600.0					
Low		400.0					

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	461.4	.0063	-.0005	.0002	.0034	188.9	-.0100
SDev	1.6	.0000	.0013	.0014	.0005	.3	.0516
%RSD	.3543	.2371	258.7	618.2	16.17	.1669	516.6
#1	462.5	.0063	.0004	-.0008	.0030	189.1	.0265
#2	460.2	.0063	-.0014	.0012	.0037	188.7	-.0465
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High	600.0					240.0	
Low	400.0					160.0	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0011	-.0013	535.7	.0018	.0007	.4797	.0399
SDev	.0013	.0002	.2	.0000	.0006	.1988	.0066
%RSD	124.6	16.96	.0338	1.370	86.66	41.45	16.42
#1	-.0001	-.0012	535.8	.0018	.0003	.6203	.0445
#2	-.0020	-.0015	535.6	.0017	.0012	.3391	.0353
Errors	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High			600.0				
Low			400.0				

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0012	-.0031	-.0311	.0227	.0058	.0116	.0140
SDev	.0012	.0030	.0031	.0031	.0093	.0384	.0293
%RSD	103.5	96.90	10.05	13.84	160.1	330.1	208.7
#1	.0003	-.0052	-.0333	.0249	.0123	-.0155	.0347
#2	.0020	-.0010	-.0289	.0204	-.0008	.0388	-.0067
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	88.95	-.0024	-.0069	-.0043	.0047	-.0054	-.0028
SDev	.31	.0010	.0022	.0048	.0010	.0011	.0093
%RSD	.3446	40.31	31.76	111.3	22.07	21.27	338.1
#1	88.73	-.0031	-.0054	-.0009	.0055	-.0046	-.0094
#2	89.16	-.0017	-.0085	-.0076	.0040	-.0062	.0038
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0085	-.0260	.0008	.0058	-.1636	.0001	.0072
SDev	.0000	.0138	.0003	.0048	.0521	.0011	.0132
%RSD	.0554	53.13	33.10	82.22	31.83	1514.	182.8
#1	.0085	-.0358	.0006	.0024	-.1268	-.0007	-.0021
#2	.0085	-.0162	.0009	.0092	-.2004	.0008	.0166
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0010	.0031	-.0007
SDev	.0001	.0007	.0011
%RSD	14.59	21.45	148.8
#1	-.0011	.0026	-.0015
#2	-.0009	.0036	.0000
Errors	NOCHECK	NOCHECK	NOCHECK
High			
Low			

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	820930	10000	--	--	--	--	--
SDev	2778.930	.0000000	--	--	--	--	--
%RSD	.3385100	.0000000	--	--	--	--	--
#1	818965	10000	--	--	--	--	--
#2	822895	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ICSAB Operator:
Run Time: 10/12/07 16:22:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.090	525.0	1.037	1.018	.5358	.4958	.0006
SDev	.006	.4	.008	.009	.0037	.0008	.0008
%RSD	.5230	.0697	.8108	.8360	.6895	.1716	128.5
#1	1.086	525.3	1.032	1.012	.5332	.4964	.0012
#2	1.094	524.8	1.043	1.024	.5385	.4952	.0001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	1.200	600.0	1.200	1.200	.6000	.6000	
Low	.8000	400.0	.8000	.8000	.4000	.4000	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	457.8	.9489	.4742	.4858	.5741	186.9	-.0180
SDev	2.5	.0003	.0012	.0009	.0049	.2	.0299
%RSD	.5489	.0324	.2591	.1890	.8560	.0931	166.5
#1	459.5	.9491	.4733	.4865	.5707	187.1	-.0391
#2	456.0	.9486	.4750	.4852	.5776	186.8	.0032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	600.0	1.200	.6000	.6000	.6000	240.0	
Low	400.0	.8000	.4000	.4000	.4000	160.0	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	H1.250	531.6	.5018	1.004	.4898	.0346
SDev	.0004	.015	.1	.0002	.002	.1414	.0121
%RSD	51.59	1.165	.0111	.0451	.1776	28.87	34.95
#1	-.0011	H1.239	531.5	.5016	1.003	.3898	.0260
#2	-.0005	H1.260	531.6	.5019	1.005	.5897	.0431
Errors	NOCHECK	LC High	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High		1.200	600.0	.6000	1.200		
Low		.8000	400.0	.4000	.8000		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.8835	1.036	.9674	.9787	.0077	.0169	1.033
SDev	.0004	.008	.0382	.0185	.0063	.0053	.051
%RSD	.0484	.7886	3.948	1.887	82.30	31.52	4.909
#1	.8832	1.030	.9944	.9657	.0032	.0206	.9969
#2	.8838	1.042	.9404	.9918	.0122	.0131	1.069
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.200	1.200					1.200
Low	.8000	.8000					.8000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	88.06	1.011	.9758	1.040	.9750	.9877	1.047
SDev	1.13	.051	.0272	.010	.0004	.0011	.000
%RSD	1.288	5.050	2.783	.9884	.0426	.1091	.0386
#1	87.25	1.047	.9566	1.033	.9753	.9869	1.047
#2	88.86	.9753	.9950	1.048	.9747	.9885	1.046
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High					1.200	1.200	1.200
Low					.8000	.8000	.8000

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.067	-.0299	.9741	.9898	.8431	.5100	.0058
SDev	.006	.0017	.0010	.0049	.0655	.0006	.0069
%RSD	.6095	5.757	.1011	.4965	7.765	.1166	120.5
#1	1.063	-.0287	.9734	.9933	.7968	.5095	.0107
#2	1.072	-.0312	.9747	.9863	.8893	.5104	.0009
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High	1.200		1.200	1.200		.6000	
Low	.8000		.8000	.8000		.4000	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0013	.9246	.9074
SDev	.0001	.0057	.0001
%RSD	7.177	.6220	.0140
#1	-.0012	.9287	.9073
#2	-.0013	.9206	.9075
Errors	NOCHECK	LC Pass	NOCHECK
High		1.200	
Low		.8000	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	812724	10000	--	--	--	--	--
SDev	10461.65	.0000000	--	--	--	--	--
%RSD	1.287233	.0000000	--	--	--	--	--
#1	805326	10000	--	--	--	--	--
#2	820121	10000	--	--	--	--	--

Method: DAILY2 Sample Name: CCV6 Operator:
Run Time: 10/12/07 16:27:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9880	10.02	5.039	5.058	9.960	1.025	4.869
SDev	.0023	.01	.002	.015	.006	.002	.016
%RSD	.2324	.1362	.0479	.2886	.0616	.1804	.3300
#1	.9864	10.01	5.041	5.048	9.956	1.026	4.858
#2	.9896	10.02	5.038	5.068	9.964	1.023	4.881
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.96	1.014	4.927	1.951	2.036	10.41	18.75
SDev	.09	.004	.009	.001	.005	.03	.09
%RSD	.4523	.3548	.1845	.0302	.2283	.2969	.4713
#1	20.03	1.017	4.934	1.951	2.033	10.43	18.69
#2	19.90	1.012	4.921	1.950	2.039	10.39	18.81
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.053	4.763	20.23	1.010	5.036	27.82	H42.38
SDev	.004	.010	.01	.001	.010	.21	.10
%RSD	.0848	.2057	.0430	.0636	.1953	.7457	.2351
#1	5.050	4.756	20.23	1.010	5.029	27.67	H42.31
#2	5.056	4.770	20.22	1.009	5.043	27.97	H42.45
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.696	5.134	4.911	4.832	1.047	.9926	.9972
SDev	.015	.073	.022	.005	.006	.0218	.0001
%RSD	.3229	1.428	.4509	.0985	.5621	2.193	.0090
#1	4.707	5.082	4.896	4.829	1.043	.9772	.9971
#2	4.685	5.186	4.927	4.836	1.051	1.008	.9972
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.17	5.213	5.072	5.104	4.859	5.119	5.059
SDev	.09	.017	.028	.006	.011	.024	.001
%RSD	.0885	.3347	.5515	.1248	.2172	.4779	.0156
#1	97.11	5.200	5.053	5.100	4.851	5.102	5.059
#2	97.23	5.225	5.092	5.109	4.866	5.137	5.058
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.084	1.003	4.939	5.158	1.028	5.052	.9927
SDev	.004	.001	.002	.003	.028	.003	.0045
%RSD	.0775	.0875	.0375	.0635	2.717	.0628	.4540
#1	5.087	1.002	4.938	5.155	1.008	5.055	.9895
#2	5.082	1.004	4.941	5.160	1.047	5.050	.9959
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000

Elem	Y_371C	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.051	1.005	5.143
SDev	.003	.001	.009
%RSD	.0542	.0759	.1797
#1	5.053	1.005	5.137
#2	5.050	1.004	5.150
Errors	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500
Low	4.500	.9000	4.500

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	896804	10000	--	--	--	--	--
SDev	787.0098	.0000000	--	--	--	--	--
%RSD	.0877571	.0000000	--	--	--	--	--
#1	896248	10000	--	--	--	--	--
#2	897361	10000	--	--	--	--	--

Method: DAILY2 Sample Name: CCB6 Operator:
Run Time: 10/12/07 16:31:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	-.0277	.0014	-.0067	.0003	-.0002	-.0028
SDev	.0001	.0048	.0029	.0032	.0000	.0000	.0010
%RSD	42.42	17.53	207.9	46.97	7.041	4.728	34.04
#1	.0004	-.0242	-.0007	-.0045	.0003	-.0002	-.0035
#2	.0002	-.0311	.0035	-.0089	.0003	-.0002	-.0021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0045	-.0000	.0006	.0015	.0015	.0299	.0399
SDev	.0005	.0004	.0005	.0014	.0006	.0112	.0086
%RSD	11.36	20180.	81.15	91.52	39.28	37.42	21.61
#1	.0048	-.0003	.0003	.0025	.0019	.0378	.0460
#2	.0041	.0002	.0010	.0005	.0011	.0220	.0338
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	-.0028	.0061	.0002	-.0003	H.4100	.0164
SDev	.0000	.0001	.0054	.0002	.0003	.0709	.0008
%RSD	.0362	4.782	88.82	109.7	124.7	17.28	4.945
#1	.0004	-.0027	.0099	.0003	-.0000	H.3599	.0169
#2	.0004	-.0029	.0023	.0000	-.0005	H.4601	.0158
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	.0020	-.0021	.0013	H.0078	.0046	.0007
SDev	.0006	.0083	.0015	.0002	.0011	.0097	.0015
%RSD	110.5	413.4	71.28	12.62	14.67	209.8	216.0
#1	-.0010	-.0039	-.0031	.0012	H.0087	.0115	.0018
#2	-.0001	.0079	-.0010	.0014	H.0070	-.0022	-.0004
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC High	LC Pass	LC Pass
High	.0050	.0100			.0050	.0200	.0100
Low	-.0050	-.0100			-.0050	-.0200	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.64	-.0011	.0032	.0023	.0002	.0018	.0017
SDev	.68	.0039	.0003	.0015	.0006	.0011	.0011
%RSD	.7086	365.6	9.762	68.32	312.3	62.75	61.28
#1	96.15	-.0039	.0034	.0033	-.0002	.0010	.0025
#2	97.12	.0017	.0030	.0012	.0006	.0026	.0010
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0048	.0004	-.0055	.0088	.0011	.0032
SDev	.0001	.0048	.0003	.0005	.0062	.0003	.0024
%RSD	51.49	100.4	72.23	9.957	70.78	26.48	74.65
#1	.0001	.0082	.0006	-.0051	.0132	.0014	.0049
#2	.0001	.0014	.0002	-.0059	.0044	.0009	.0015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0003	.0002	.0011
SDev	.0001	.0001	.0007
%RSD	51.18	36.11	61.26
#1	.0003	.0002	.0016
#2	.0002	.0003	.0006
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	891948	10000	--	--	--	--	--
SDev	6360.425	.0000000	--	--	--	--	--
%RSD	.7130942	.0000000	--	--	--	--	--
#1	887450	10000	--	--	--	--	--
#2	896445	10000	--	--	--	--	--