

WESTERN NUCLEAR, INC. OSP



SHERWOOD PROJECT

P. O. BOX 392 • WELLPINIT, WASHINGTON 99001 258-4521

00 JAN 27 1999

January 13, 2000

Mr. Gary Robertson, Head
Waste Management Section
Washington Department of Health
Division of Radiation Protection
7171 Cleanwater Lane, Building 5
Olympia, Washington 98504-7827

JAN 19 2000

DIV. OF RADIATION PROTECTION

Re: Radioactive Materials License No. WN-I0133-1;
Condition No. 29 (Amendment No. 32); License Termination and US NRC Procedure
SA-900 Step 2: Submittal of final ground water sample results;
Condition No. 35 A. Request to abandon groundwater monitoring wells MW-2B,
MW-4 and MW-10.

Dear Mr. Robertson:

Radioactive materials license WN-I0133-1 condition no. 29 describes the procedure for termination of the license and specifically references US Nuclear Regulatory Commission Procedure SA-900 for guidance. Accordingly, Western Nuclear, Inc. (WNI) made a formal request to the Washington Department of Health (WDOH) to terminate WN-I0133-1 in a submittal dated November 15, 1999, thus initiating the license termination process. SA-900 guidance provides an ordered seven step system to achieve termination in compliance with applicable regulations. Completion of all phases of decommissioning and surface reclamation has satisfied Step 1. WNI provided documentation of these activities in submittals dated November 15 and December 17, 1999.

Step 2 of SA-900 guidance specifies that a final groundwater sample be collected and analyzed for the constituents previously identified in the tailing liquor. The final groundwater sample was collected per SA-900 guidance on November 17, 1999 in coordination with Ms. Dorothy Stoffel of your staff in Spokane, Washington. Attached hereto are the results of that final groundwater sample incorporated into chronological and graphical databases for each well. This submittal satisfies both your request of September 27, 1999 and SA-900 step 2. These data confirm that static water levels and indicator parameter concentrations are within normal ranges consistent with expectations, and concentrations of hazardous constituents are well below regulatory limits.

WNI has fulfilled all requirements for groundwater monitoring as described in the Monitoring and Stabilization Plan. Hence, groundwater monitoring in the three remaining wells is terminated.

The US Department of Energy (US DOE) has requested that the remaining wells be transferred to US DOE for future monitoring availability under the US DOE's long-term surveillance program. These wells are currently registered to WNI as resource protection wells with the Washington Department of Ecology. WNI will transfer registrations to the US DOE as part of the license termination process. As such, WNI requests that WDOH provide a written concurrence that groundwater monitoring is no longer required at the Sherwood site and that these remaining wells are not necessary for any purpose of license compliance required of WNI.

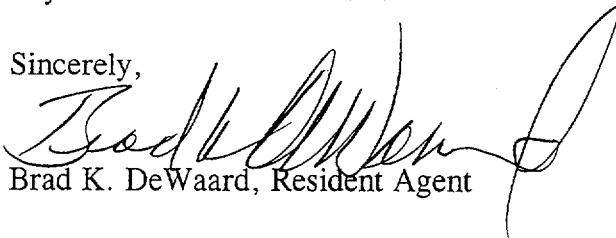
WNI has fulfilled all requirements of radioactive materials license no. WN-I0133-1. As such, WNI reiterates the November 15, 1999 request to delete all license conditions and terminate WN-I0133-1.

In accordance with prior discussions regarding distribution, seven (7) copies of this report are transmitted to your office in Olympia. In addition, copies are sent directly to the following members of your staff:

- One (1) copy to Ms. D. Stoffel; WDOH; Spokane, WA.
- Two (2) copies to Mr. E. Fordham; WDOH; Richland, WA.

Should you have any questions regarding the enclosure or the above requests, please contact me at your earliest convenience.

Sincerely,



Brad K. DeWaard, Resident Agent

/bd Attachments - 1

cc: L. J. Corte, Esq.
E. M. Schern
L. L. Miller (SMI)
H. W. Shaver, Esq. (S&L)
R. W. Edge (US DOE)(w/o attachments)
WNI Cent. Files - 2 copies

WESTERN NUCLEAR, INC.
Sherwood Project
Wellpinit, WA

**FINAL GROUNDWATER
SAMPLE**

January 2000

Prepared By: Western Nuclear, Inc.
Sherwood Project
B. K. DeWaard, Resident Agent

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW2B

Sample Date	Calcium (D) mg/l	Magnesium (D) mg/l	Sodium (D) mg/l	Potassium (D) mg/l
11/21/1996	37.0	7.3	6.1	2.6
03/27/1997	32.0	4.6	5.0	2.0
05/22/1997	23.7	3.6	6.0	1.7
06/26/1997	25.5	5.6	7	2.3
07/24/1997	41.8	7.6	8.0	2.6
08/21/1997	38.7	7.1	7.3	2.4
09/25/1997	28.8	5.5	6.6	2.1
10/16/1997	21.7	5.1	7.1	2.1
11/20/1997	23	4	7	2
12/17/1997	20.8	5.2	6.5	1.97
01/22/1998	28.3	6.1	7.3	2.0
02/25/1998	36.3	6.9	7.2	2.2
03/18/1998	31.6	6.2	7.3	2
04/22/1998	28.0	6.0	7.0	2.0
05/28/1998	26.2	6.3	7.4	2.2
06/17/1998	30.0	6.7	7.4	2.2
07/16/1998	28.7	7.1	7.5	2.2
08/19/1998	36.2	7.1	7.8	2.4
09/17/1998	30.5	7.8	8.1	2.5
10/22/1998	40.6	8.0	7.6	2.5
01/27/1999	38.9	8.8	7.2	2.4
05/12/1999	36.0	7.0	9.3	2.7
09/15/1999	33.7	6.8	7.4	2.5
11/17/1999	32.7	6.9	7.4	2.4

Site : SHERWOOD
 Sample Type : MONITOR WELLS
 Sample Location: MW2B
 Date Range : 01/01/1978 - 12/31/1999

Analytes:	Ca	Mg	Na	K
Units:	mg/l	mg/l	mg/l	mg/l

***** BASIC STATISTICS *****

N of Cases :	24	24	24	24
Average :	3.128E+01	6.388E+00	7.188E+00	2.249E+00
Std. Dev. :	6.062E+00	1.265E+00	8.110E-01	2.533E-01
Variance :	3.674E+01	1.601E+00	6.577E-01	6.417E-02
Std. Err. :	1.237E+00	2.583E-01	1.655E-01	5.171E-02
Maximum :	4.180E+01	8.800E+00	9.300E+00	2.700E+00
Minimum :	2.080E+01	3.600E+00	5.000E+00	1.700E+00

***** STUDENT'S T STATISTIC *****

Student T	:-1.722E+00	-2.278E+00	-2.807E+00	-1.698E+00
Deg. Free	: 6.000E+00	6.000E+00	6.000E+00	6.000E+00
2-Tail Sig	: 1.358E-01	6.294E-02	3.088E-02	1.405E-01
S.E. Diff	: 3.353E+00	9.217E-01	6.413E-01	2.062E-01
95%C.I.Dif	:-1.398E+01	-4.355E+00	-3.369E+00	-8.544E-01
Cat 1 Mean	: 2.955E+01	5.275E+00	6.025E+00	2.150E+00
S.D.	: 6.114E+00	1.578E+00	8.180E-01	3.873E-01
S.E. Mean	: 3.057E+00	7.889E-01	4.090E-01	1.936E-01
Cat 2 Mean	: 3.533E+01	7.375E+00	7.825E+00	2.500E+00
S.D.	: 2.755E+00	9.535E-01	9.878E-01	1.414E-01
S.E. Mean	: 1.377E+00	4.768E-01	4.939E-01	7.071E-02

***** MANN-WHITNEY-U STATISTIC *****

U-Stat	: 3.000E+00	3.000E+00	0.000E+00	3.000E+00
Signific	:-1.443E+00	-1.443E+00	-2.323E+00	-1.452E+00
P = Val 1T	: 7.446E-02	7.446E-02	1.008E-02	7.324E-02
P = Val 2T	: 1.489E-01	1.489E-01	2.016E-02	1.465E-01

***** LINEAR REGRESSION *****

Slope	: 5.047E-03	2.211E-03	1.827E-03	3.618E-04
Intercept	: 2.878E+01	5.292E+00	6.282E+00	2.069E+00
R-square	: 5.345E-02	2.353E-01	3.914E-01	1.573E-01
r	: 2.312E-01	4.851E-01	6.256E-01	3.966E-01
F	: 1.242E+00	6.770E+00	1.415E+01	4.106E+00
P	: 2.771E-01	1.627E-02	1.077E-03	5.501E-02

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW2B

Sample Date	Carbonate mg/l	Bicarbonate mg/l	Sulfate (D) mg/l	Chloride (D) mg/l
11/21/1996	0	160	4.1	3.1
03/27/1997	0	131	4.9	<1.0
05/22/1997	0	101	3.0	<1.0
06/26/1997	0	122	3.7	<1.0
07/24/1997	0	174	3.6	<1.0
08/21/1997	0	160	2.0	<1.0
09/25/1997	0	119	2.7	<1.0
10/16/1997	<0.10	106	2.1	<1.0
11/20/1997	<0.1	104	2.7	1.1
12/17/1997	<1	104	1.2	<1
01/22/1998	<0.10	133	1.9	<1.0
02/25/1998	<0.10	154	2.2	<1.0
03/18/1998	<0.1	148	1.5	<1
04/22/1998	<1.0	138	2.4	<1.0
05/28/1998	<1.0	126	2.6	<1.0
06/17/1998	<1.0	135	2.2	<1.0
07/16/1998	<1.0	141	2.1	<1.0
08/19/1998	<1.0	152	2.1	<1.0
09/17/1998	<1.0	154	1.9	<1.0
10/22/1998	<1.0	166	1.8	<1.0
11/19/1998			1.0	<1.0
12/10/1998			1.5	<1.0
01/27/1999	<1.0	177	3.7	<1.0
02/24/1999			3.0	<1.0
03/24/1999			3.5	<1.0
04/08/1999			4.1	<1.0
05/12/1999	<1.0	155	3.3	<1.0
09/15/1999	<1.0	150	2.3	<1.0
11/17/1999	<1.0	140	3.0	<1.0

Site : SHERWOOD
Sample Type : MONITOR WELLS
Sample Location: MW2B
Date Range : 01/01/1978 - 12/31/1999

Analytes:	CO3	HCO3	SO4	Cl
Units:	mg/l	mg/l	mg/l	mg/l

***** BASIC STATISTICS *****

N of Cases :	24	24	29	29
Average :	5.208E-01	1.396E+02	2.624E+00	1.076E+00
Std. Dev. :	4.908E-01	2.218E+01	9.470E-01	3.897E-01
Variance :	2.409E-01	4.918E+02	8.969E-01	1.519E-01
Std. Err. :	1.002E-01	4.527E+00	1.759E-01	7.237E-02
Maximum :	1.000E+00	1.770E+02	4.900E+00	3.100E+00
Minimum :	0.000E+00	1.010E+02	1.000E+00	1.000E+00

***** STUDENT'S T STATISTIC *****

Student T :	.	-1.859E+00	1.378E+00	1.000E+00
Deg. Free :	.	6.000E+00	6.000E+00	6.000E+00
2-Tail Sig :	.	1.123E-01	2.174E-01	3.559E-01
S.E. Diff :	.	1.452E+01	5.443E-01	5.250E-01
95%C.I.Dif :	.	-6.253E+01	-5.818E-01	-7.596E-01
Cat 1 Mean :	0.000E+00	1.285E+02	3.925E+00	1.525E+00
S.D. :	0.000E+00	2.447E+01	7.932E-01	1.050E+00
S.E. Mean :	0.000E+00	1.224E+01	3.966E-01	5.250E-01
Cat 2 Mean :	1.000E+00	1.555E+02	3.175E+00	1.000E+00
S.D. :	0.000E+00	1.563E+01	7.455E-01	0.000E+00
S.E. Mean :	0.000E+00	7.816E+00	3.728E-01	0.000E+00

***** MANN-WHITNEY-U STATISTIC *****

U-Stat :	0.000E+00	3.000E+00	4.000E+00	6.000E+00
Signific :	-2.646E+00	-1.443E+00	-1.169E+00	-1.000E+00
P = Val 1T :	4.075E-03	7.446E-02	1.213E-01	1.587E-01
P = Val 2T :	8.151E-03	1.489E-01	2.425E-01	3.173E-01

***** LINEAR REGRESSION *****

Slope :	1.398E-03	2.622E-02	-5.896E-04	-5.347E-04
Intercept :	-1.722E-01	1.266E+02	2.948E+00	1.369E+00
R-square :	6.260E-01	1.077E-01	3.027E-02	1.470E-01
r :	7.912E-01	3.282E-01	-1.740E-01	-3.834E-01
F :	3.682E+01	2.657E+00	8.429E-01	4.653E+00
P :	4.162E-06	1.174E-01	3.667E-01	4.007E-02

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW2B

Sample Date	TDS mg/l	Alk CaCO3 mg/l	SiO2 (D) mg/l	pH Lab s.u.
11/21/1996	209	131	41.0	7.52
03/27/1997	172	107	54.6	7.73
05/22/1997	131	82.8	50.6	7.40
06/26/1997	137	100	47.0	7.75
07/24/1997	192	143	43.0	7.85
08/21/1997	195	131	45.5	7.84
09/25/1997	113	97.9	45.4	7.92
10/16/1997	155	87.1	49.4	7.63
11/20/1997	148	85.5	45	7.55
12/17/1997	118	85.1	47.1	7.74
01/22/1998	166	109	48.0	
02/25/1998	183	126	45.2	
03/18/1998	164	121	43.3	
04/22/1998	162	113	48.0	
05/28/1998	166	103	46.2	
06/17/1998	151	111	46.2	
07/16/1998	157	116	46.6	
08/19/1998	187	124	44.6	
09/17/1998	193	126	46.9	
10/22/1998	217	137	46.9	
11/19/1998	183			7.09
12/10/1998	177			7.46
01/27/1999	190	146	50.3	
02/24/1999	178			7.16
03/24/1999	238			7.19
04/08/1999	187			7.30
05/12/1999	187	127	51.1	
09/15/1999	167	124		7.65
11/17/1999	155	115	47.7	7.43

Site : SHERWOOD
Sample Type : MONITOR WELLS
Sample Location: MW2B
Date Range : 01/01/1978 - 12/31/1999

Analytes: TDS ALK SIO2 pH_L
Units: mg/l mg/l mg/l s.u.

***** BASIC STATISTICS *****

N of Cases :	29	24	23	17
Average :	1.717E+02	1.145E+02	4.694E+01	7.542E+00
Std. Dev. :	2.790E+01	1.827E+01	2.951E+00	2.545E-01
Variance :	7.787E+02	3.340E+02	8.707E+00	6.478E-02
Std. Err. :	5.182E+00	3.730E+00	6.153E-01	6.173E-02
Maximum :	2.380E+02	1.460E+02	5.460E+01	7.920E+00
Minimum :	1.130E+02	8.280E+01	4.100E+01	7.090E+00

***** STUDENT'S T STATISTIC *****

Student T	:-5.974E-01	-1.911E+00	-2.290E-01	1.595E+00
Deg. Free	: 6.000E+00	6.000E+00	6.000E+00	6.000E+00
2-Tail Sig	: 5.721E-01	1.045E-01	8.265E-01	1.618E-01
S.E. Diff	: 1.967E+01	1.193E+01	3.057E+00	1.301E-01
95%C.I.Dif	:-5.988E+01	-5.199E+01	-8.181E+00	-1.108E-01
Cat 1 Mean	: 1.623E+02	1.052E+02	4.830E+01	7.600E+00
S.D.	: 3.603E+01	1.998E+01	5.772E+00	1.691E-01
S.E. Mean	: 1.802E+01	9.990E+00	2.886E+00	8.456E-02
Cat 2 Mean	: 1.740E+02	1.280E+02	4.900E+01	7.393E+00
S.D.	: 1.579E+01	1.304E+01	2.017E+00	1.977E-01
S.E. Mean	: 7.895E+00	6.519E+00	1.008E+00	9.886E-02

***** MANN-WHITNEY-U STATISTIC *****

U-Stat	: 6.000E+00	3.000E+00	8.000E+00	3.000E+00
Signific	:-5.808E-01	-1.443E+00	0.000E+00	-1.443E+00
P = Val 1T	: 2.807E-01	7.446E-02	5.000E-01	7.446E-02
P = Val 2T	: 5.614E-01	1.489E-01	1.000E+00	1.489E-01

***** LINEAR REGRESSION *****

Slope	: 2.849E-02	2.213E-02	2.107E-03	-4.227E-04
Intercept	: 1.560E+02	1.036E+02	4.594E+01	7.755E+00
R-square	: 8.143E-02	1.130E-01	3.419E-02	3.261E-01
r	: 2.854E-01	3.362E-01	1.849E-01	-5.711E-01
F	: 2.393E+00	2.803E+00	7.435E-01	7.259E+00
P	: 1.335E-01	1.083E-01	3.983E-01	1.665E-02

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW2B

Sample Date	Arsenic (D) mg/l	Iron (D) mg/l	Nickel (D) mg/l	Zinc (D) mg/l
11/21/1996	0.003	<0.05	<0.05	<0.01
03/27/1997	0.001	<0.10	<0.01	<0.01
05/22/1997	0.003	<0.01	<0.01	<0.01
06/26/1997	0.003	<0.01	<0.01	<0.01
07/24/1997	0.002	<0.01	<0.01	<0.01
08/21/1997	0.003	<0.01	<0.01	<0.01
09/25/1997	0.002	<0.01	<0.01	<0.01
10/16/1997	0.002	<0.01	<0.01	<0.01
11/20/1997	0.004	<0.01	<0.01	<0.01
12/17/1997	0.004	<0.01	<0.01	<0.01
01/22/1998	0.004	<0.01	<0.01	<0.01
02/25/1998	0.004	<0.01	<0.01	<0.01
03/18/1998	0.005	<0.01	<0.01	<0.01
04/22/1998	0.004	<0.01	<0.01	<0.01
05/28/1998	0.004	<0.01	<0.01	<0.01
06/17/1998	0.005	<0.01	<0.01	<0.01
07/16/1998	0.004	<0.01	<0.01	<0.01
08/19/1998	0.004	<0.01	<0.01	<0.01
09/17/1998	0.004	<0.01	<0.01	<0.01
10/22/1998	0.004	<0.01	<0.01	<0.01
11/19/1998			<0.05	
12/10/1998			<0.05	
01/27/1999	0.004	<0.01	<0.01	<0.01
02/24/1999			<0.01	
03/24/1999			<0.01	
04/08/1999			<0.01	
05/12/1999	0.005	<0.01	<0.01	<0.01
09/15/1999	0.004	<0.01	<0.01	<0.01
11/17/1999	0.004	<0.01	<0.01	<0.01

Site : SHERWOOD
Sample Type : MONITOR WELLS
Sample Location: MW2B
Date Range : 01/01/1978 - 12/31/1999

Analytes: As D Fe D Ni D Zn D
Units: mg/l mg/l mg/l mg/l

***** BASIC STATISTICS *****

N of Cases :	24	24	29	24
Average :	3.583E-03	1.542E-02	1.414E-02	1.000E-02
Std. Dev. :	1.018E-03	1.978E-02	1.240E-02	1.222E-18
Variance :	1.036E-06	3.911E-04	1.537E-04	1.494E-36
Std. Err. :	2.078E-04	4.037E-03	2.302E-03	2.495E-19
Maximum :	5.000E-03	1.000E-01	5.000E-02	1.000E-02
Minimum :	1.000E-03	1.000E-02	1.000E-02	1.000E-02

***** STUDENT'S T STATISTIC *****

Student T	:-3.130E+00	1.522E+00	1.000E+00	.
Deg. Free	: 6.000E+00	6.000E+00	6.000E+00	.
2-Tail Sig	: 2.031E-02	1.789E-01	3.559E-01	.
S.E. Diff	: 5.590E-04	2.136E-02	1.000E-02	.
95%C.I.Dif	:-3.118E-03	-1.977E-02	-1.447E-02	.
Cat 1 Mean	: 2.500E-03	4.250E-02	2.000E-02	1.000E-02
S.D.	: 1.000E-03	4.272E-02	2.000E-02	0.000E+00
S.E. Mean	: 5.000E-04	2.136E-02	1.000E-02	0.000E+00
Cat 2 Mean	: 4.250E-03	1.000E-02	1.000E-02	1.000E-02
S.D.	: 5.000E-04	0.000E+00	0.000E+00	0.000E+00
S.E. Mean	: 2.500E-04	0.000E+00	0.000E+00	0.000E+00

***** MANN-WHITNEY-U STATISTIC *****

U-Stat	: 0.000E+00	4.000E+00	6.000E+00	8.000E+00
Signific	:-2.428E+00	-1.512E+00	-1.000E+00	.
P = Val 1T	: 7.593E-03	6.529E-02	1.587E-01	.
P = Val 2T	: 1.519E-02	1.306E-01	3.173E-01	.

***** LINEAR REGRESSION *****

Slope	: 2.306E-06	-2.986E-05	-3.055E-06	-8.015E-21
Intercept	: 2.441E-03	3.022E-02	1.582E-02	1.000E-02
R-square	: 3.956E-01	1.758E-01	4.742E-03	.
r	: 6.289E-01	-4.193E-01	-6.886E-02	.
F	: 1.440E+01	4.692E+00	1.286E-01	-1.156E-15
P	: 9.945E-04	4.141E-02	7.226E-01	1.000E+00

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW2B

Sample Date	Thallium (D) mg/l	Uranium (D) pCi/l	Radium-226 (D) pCi/l	Radium-228 (D) pCi/l
11/21/1996	<0.0004	<0.2	0.4#0.2	<1.0
03/27/1997	<0.0004	2.03	0.4#0.1	<1.0
05/22/1997	<0.0004	<0.2	<0.2	<1.0
06/26/1997	<0.0004	<0.2	<0.2	<1.0
07/24/1997	<0.0004	<0.2	<0.2	<1.0
08/21/1997	<0.0004	<0.203	<0.2	<1.0
09/25/1997	<0.0004	0.677	<0.2	<1.0
10/16/1997	<0.0004	<0.203	<0.2	<1.0
11/20/1997	<0.0004	<0.2	<0.2	<1
12/17/1997	<0.0004	<0.2	<0.2	<1
01/22/1998	<0.0004	0.203	0.5#0.2	<1.0
02/25/1998	<0.0004	0.271	<0.2	<1.0
03/18/1998	<0.0004	0.271	<0.2	<1
04/22/1998	<0.0004	<0.203	0.6#0.2	<1.0
05/28/1998	<0.0004	<0.203	<0.2	2.2#1.1
06/17/1998	<0.0004	0.677	0.8#0.1	<1.0
07/16/1998	<0.0004	0.339	<0.2	<1.0
08/19/1998	<0.0004	1.286	<0.2	<1.0
09/17/1998	<0.0004	0.271	<0.2	<1.0
10/22/1998	<0.0004	0.474	<0.2	<1.0
11/19/1998		0.474		
12/10/1998		0.542		
01/27/1999	<0.0004	0.474	0.3#0.1	<1.0
02/24/1999		0.677		
03/24/1999		0.880		
04/08/1999		0.271		
05/12/1999	<0.0004	0.203	<0.2	<1.0
09/15/1999	<0.0004	0.203	<0.2	<1.0
11/17/1999	<0.0004	<0.203	<0.2	<1.0

Site : SHERWOOD
 Sample Type : MONITOR WELLS
 Sample Location: MW2B
 Date Range : 01/01/1978 - 12/31/1999

Analytes: Tl_D URD Ra_226_D Ra_228_D
 Units: mg/l pCi/l pCi/l pCi/l

***** BASIC STATISTICS *****
 N of Cases : 24 29 24 24
 Average : 4.000E-04 4.289E-01 2.750E-01 1.050E+00
 Std. Dev. : 6.973E-20 4.025E-01 1.567E-01 2.449E-01
 Variance : 4.862E-39 1.620E-01 2.457E-02 6.000E-02
 Std. Err. : 1.423E-20 7.474E-02 3.199E-02 5.000E-02
 Maximum : 4.000E-04 2.030E+00 8.000E-01 2.200E+00
 Minimum : 4.000E-04 2.000E-01 2.000E-01 1.000E+00

***** STUDENT'S T STATISTIC *****
 Student T : . 9.556E-01 1.192E+00 .
 Deg. Free : . 6.000E+00 6.000E+00 .
 2-Tail Sig : . 3.762E-01 2.782E-01 .
 S.E. Diff : . 4.578E-01 6.292E-02 .
 95%C.I.Dif : . -6.827E-01 -7.895E-02 .
 Cat 1 Mean : 4.000E-04 6.575E-01 3.000E-01 1.000E+00
 S.D. : 0.000E+00 9.150E-01 1.155E-01 0.000E+00
 S.E. Mean : 0.000E+00 4.575E-01 5.774E-02 0.000E+00
 Cat 2 Mean : 4.000E-04 2.200E-01 2.250E-01 1.000E+00
 S.D. : 0.000E+00 3.400E-02 5.000E-02 0.000E+00
 S.E. Mean : 0.000E+00 1.700E-02 2.500E-02 0.000E+00

***** MANN-WHITNEY-U STATISTIC *****
 U-Stat : 8.000E+00 4.000E+00 5.000E+00 8.000E+00
 Signific : . -1.214E+00 -1.000E+00 .
 P = Val 1T : . 1.124E-01 1.587E-01 .
 P = Val 2T : . 2.248E-01 3.173E-01 .

***** LINEAR REGRESSION *****
 Slope : 0.000E+00 -8.319E-05 -6.011E-05 3.957E-05
 Intercept : 4.000E-04 4.746E-01 3.048E-01 1.030E+00
 R-square : 0.000E+00 3.336E-03 1.134E-02 2.011E-03
 r : 0.000E+00 -5.776E-02 -1.065E-01 4.485E-02
 F : 0.000E+00 9.039E-02 2.523E-01 4.434E-02
 P : 1.000E+00 7.660E-01 6.204E-01 8.352E-01

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW2B

Sample Date	Thorium-230 (D) pCi/l
11/21/1996	<0.2
03/27/1997	<0.2
05/22/1997	<0.2
06/26/1997	<0.2
07/24/1997	<0.2
08/21/1997	<0.2
09/25/1997	<0.2
10/16/1997	<0.2
11/20/1997	<0.2
12/17/1997	<0.2
01/22/1998	<0.2
02/25/1998	<0.2
03/18/1998	<0.2
04/22/1998	<0.2
05/28/1998	<0.2
06/17/1998	<0.2
07/16/1998	<0.2
08/19/1998	<0.2
09/17/1998	<0.2
10/22/1998	<0.2
01/27/1999	<0.2
05/12/1999	<0.2
09/15/1999	<0.2
11/17/1999	<0.2

Site : SHERWOOD
Sample Type : MONITOR WELLS
Sample Location: MW2B
Date Range : 01/01/1978 - 12/31/1999

Analytes: Th_230_D
Units: pCi/l

***** BASIC STATISTICS *****

N of Cases : 24
Average : 2.000E-01
Std. Dev. : 2.844E-17
Variance : 8.087E-34
Std. Err. : 5.805E-18
Maximum : 2.000E-01
Minimum : 2.000E-01

***** STUDENT'S T STATISTIC *****

Student T : .
Deg. Free : .
2-Tail Sig : .
S.E. Diff : .
95%C.I.Dif : .
Cat 1 Mean : 2.000E-01
S.D. : 0.000E+00
S.E. Mean : 0.000E+00
Cat 2 Mean : 2.000E-01
S.D. : 0.000E+00
S.E. Mean : 0.000E+00

***** MANN-WHITNEY-U STATISTIC *****

U-Stat : 8.000E+00
Signific : .
P = Val 1T : .
P = Val 2T : .

***** LINEAR REGRESSION *****

Slope :-2.565E-19
Intercept : 2.000E-01
R-square : .
r : .
F :-2.200E+01
P : 1.000E+00

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW2B

Sample Date	SWL ft.
10/07/1996	2064.24
10/30/1996	2064.09
11/18/1996	2063.99
12/11/1996	2064.09
01/09/1997	2064.04
02/05/1997	2064.14
03/24/1997	2080.89
03/25/1997	2081.29
03/26/1997	2082.29
03/27/1997	2082.59
04/22/1997	2077.89
05/01/1997	2071.59
05/06/1997	2070.19
05/19/1997	2068.04
05/29/1997	2066.39
06/02/1997	2065.79
06/12/1997	2065.29
06/18/1997	2065.04
06/24/1997	2064.99
06/26/1997	2064.94
07/03/1997	2064.94
07/07/1997	2064.89
07/16/1997	2064.79
07/22/1997	2064.74
08/01/1997	2064.74
08/07/1997	2064.74
08/13/1997	2064.69
08/20/1997	2064.69
08/26/1997	2064.59
09/03/1997	2064.54
09/10/1997	2064.49
09/18/1997	2064.49
09/23/1997	2064.44
09/29/1997	2064.34
10/08/1997	2064.29
10/14/1997	2064.24
10/21/1997	2064.14
10/28/1997	2064.09
11/03/1997	2064.09
11/10/1997	2064.04
11/18/1997	2063.99
11/24/1997	2063.89
12/02/1997	2063.84
12/10/1997	2063.84
12/15/1997	2063.74
12/22/1997	2063.74
12/30/1997	2063.69
01/05/1998	2063.69
01/15/1998	2063.54
01/20/1998	2063.49
01/22/1998	2063.49
01/29/1998	2063.49
02/04/1998	2063.44
02/09/1998	2063.39
02/19/1998	2063.39
02/23/1998	2063.34
02/25/1998	2063.29
03/05/1998	2063.49
03/11/1998	2063.44
03/16/1998	2063.44
03/18/1998	2063.49

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW2B

Sample Date	SWL ft.
03/23/1998	2063.49
03/30/1998	2063.70
04/07/1998	2063.69
04/13/1998	2063.72
04/22/1998	2063.64
05/13/1998	2063.64
05/20/1998	2063.64
05/26/1998	2063.64
05/28/1998	2063.54
06/03/1998	2063.54
06/10/1998	2063.54
06/15/1998	2063.54
06/17/1998	2063.44
06/22/1998	2063.54
06/29/1998	2063.49
07/09/1998	2063.44
07/16/1998	2063.44
07/22/1998	2063.39
07/28/1998	2063.34
08/06/1998	2063.29
08/13/1998	2063.24
08/17/1998	2063.29
08/19/1998	2063.24
08/26/1998	2063.29
08/31/1998	2063.24
09/08/1998	2063.24
09/15/1998	2063.19
09/23/1998	2063.19
09/30/1998	2063.14
10/07/1998	2063.14
10/15/1998	2063.09
10/20/1998	2063.04
11/03/1998	2062.99
11/18/1998	2062.84
11/24/1998	2062.89
12/01/1998	2062.89
12/08/1998	2062.84
12/17/1998	2062.84
12/30/1998	2062.74
01/05/1999	2062.69
01/11/1999	2062.54
01/19/1999	2062.49
01/25/1999	2062.49
02/03/1999	2062.34
02/09/1999	2062.29
02/18/1999	2062.24
02/22/1999	2062.24
03/02/1999	2062.29
03/08/1999	2062.39
03/15/1999	2063.19
03/22/1999	2064.19
03/30/1999	2066.84
04/05/1999	2067.54
04/14/1999	2067.44
04/22/1999	2067.59
04/26/1999	2066.79
05/04/1999	2066.24
05/10/1999	2065.74
05/18/1999	2065.29
05/26/1999	2065.14
06/03/1999	2065.04

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW2B

Sample Date	SWL ft.
06/07/1999	2064.99
06/17/1999	2064.84
06/21/1999	2064.79
07/06/1999	2064.79
07/14/1999	2064.69
07/19/1999	2064.69
07/26/1999	2064.59
08/02/1999	2064.54
08/09/1999	2064.54
08/17/1999	2064.49
08/23/1999	2064.54
09/02/1999	2064.39
09/08/1999	2064.34
09/13/1999	2064.29
09/20/1999	2064.19
09/28/1999	2064.14
10/04/1999	2064.14
10/13/1999	2064.04
10/20/1999	2063.99
11/02/1999	2063.89
11/15/1999	2063.84
11/22/1999	2063.84
12/07/1999	2063.74
12/20/1999	2063.69
12/27/1999	2063.59

Site : SHERWOOD
Sample Type : MONITOR WELLS
Sample Location: MW2B
Date Range : 01/01/1978 - 12/31/1999

Analytes: SWL
Units: ft.

***** BASIC STATISTICS *****
N of Cases : 147
Average : 2.065E+03
Std. Dev. : 3.356E+00
Variance : 1.127E+01
Std. Err. : 2.768E-01
Maximum : 2.083E+03
Minimum : 2.062E+03

***** STUDENT'S T STATISTIC *****
Student T : 5.291E+00
Deg. Free : 6.000E+00
2-Tail Sig : 1.846E-03
S.E. Diff : 7.324E-02
95%C.I.Dif : 2.083E-01
Cat 1 Mean : 2.064E+03
S.D. : 1.031E-01
S.E. Mean : 5.154E-02
Cat 2 Mean : 2.064E+03
S.D. : 1.041E-01
S.E. Mean : 5.204E-02

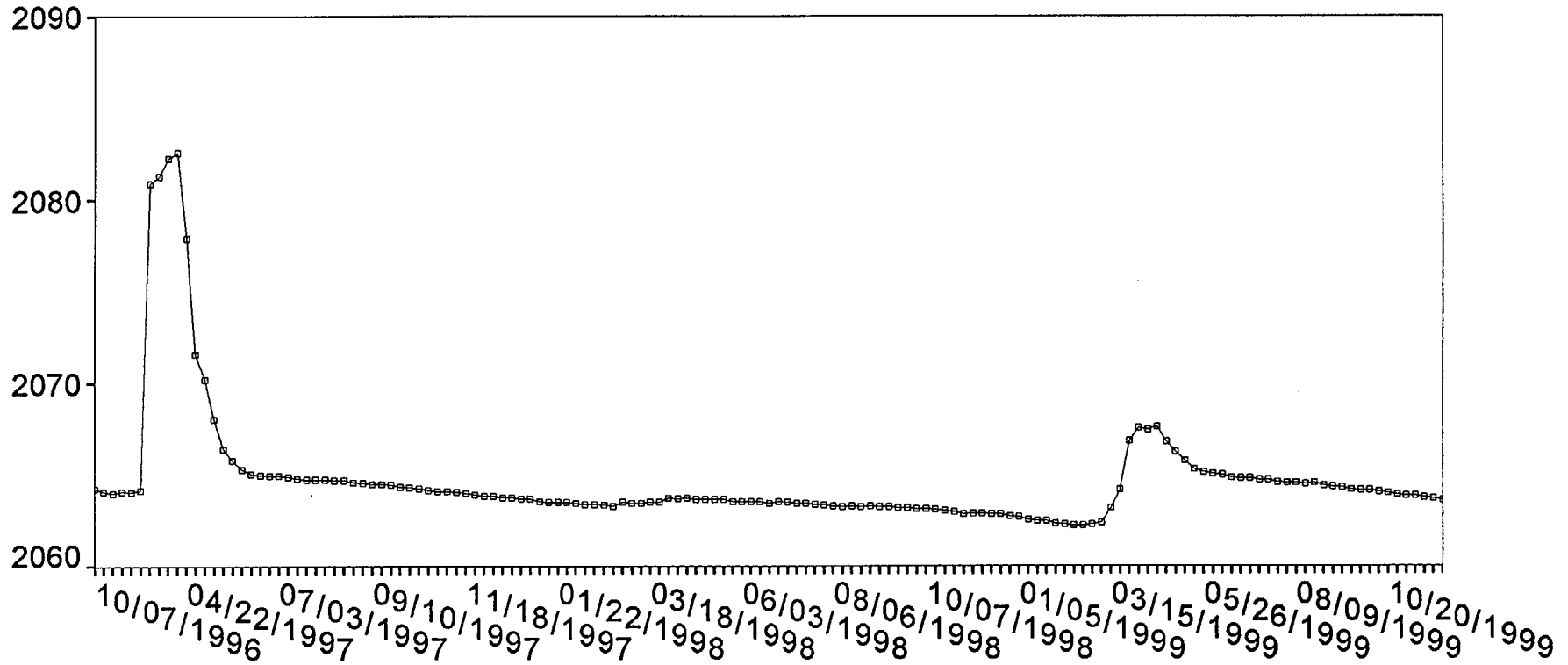
***** MANN-WHITNEY-U STATISTIC *****
U-Stat : 0.000E+00
Signific :-2.323E+00
P = Val 1T : 1.008E-02
P = Val 2T : 2.016E-02

***** LINEAR REGRESSION *****
Slope :-3.501E-03
Intercept : 2.067E+03
R-square : 1.006E-01
r :-3.171E-01
F : 1.621E+01
P : 9.086E-05

MONITOR WELLS

SHERWOOD : MW2B

ANALYTE: SWL (ft)

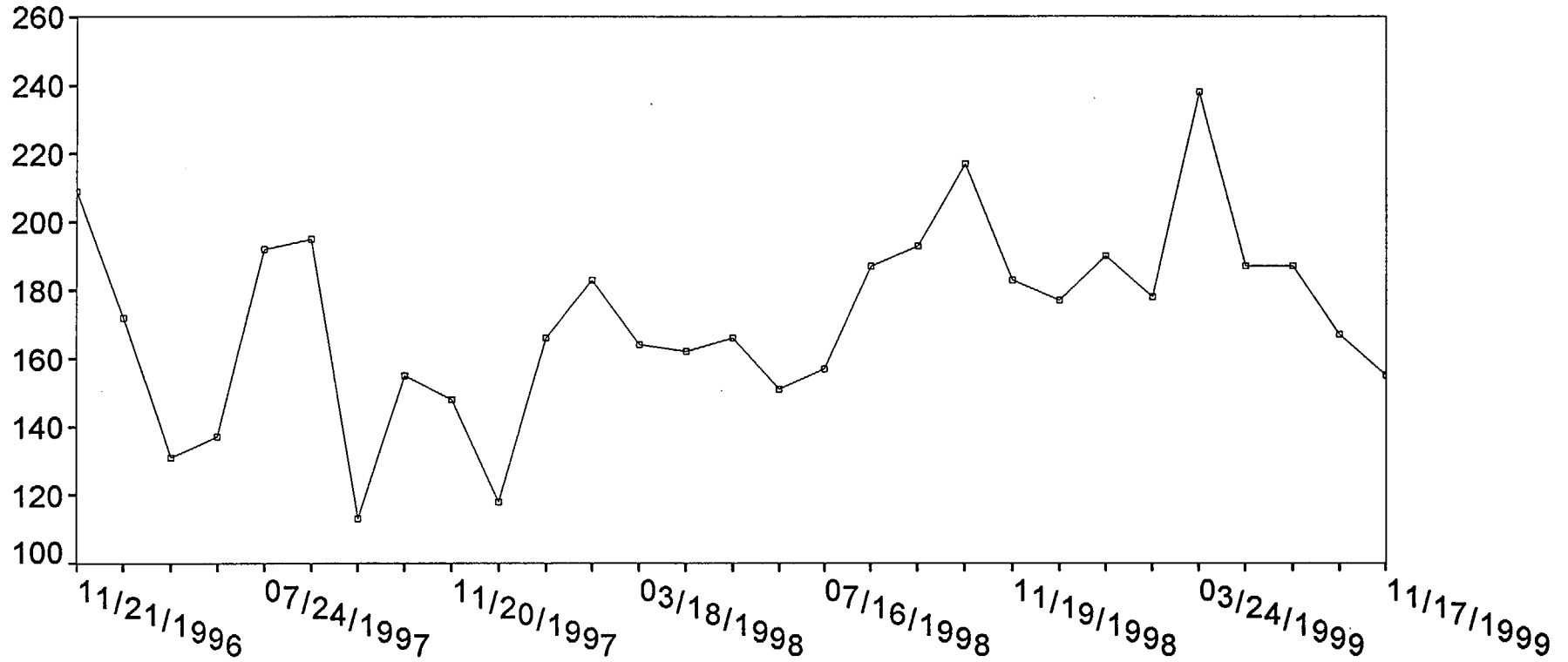


Run Chart - Raw Data

MONITOR WELLS

SHERWOOD : MW2B

ANALYTE: TDS (mg/l)

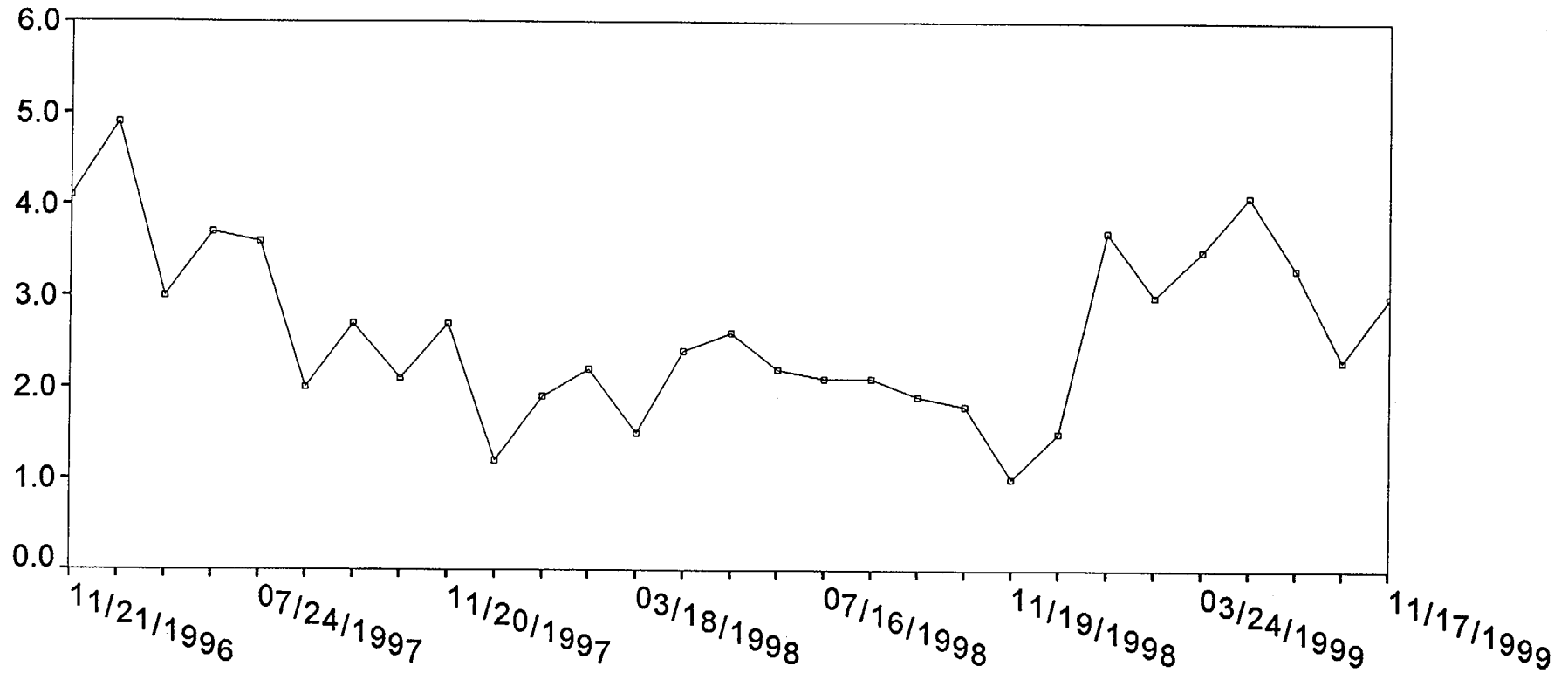


Run Chart - Raw Data

MONITOR WELLS

SHERWOOD : MW2B

ANALYTE: SO4 (mg/l)

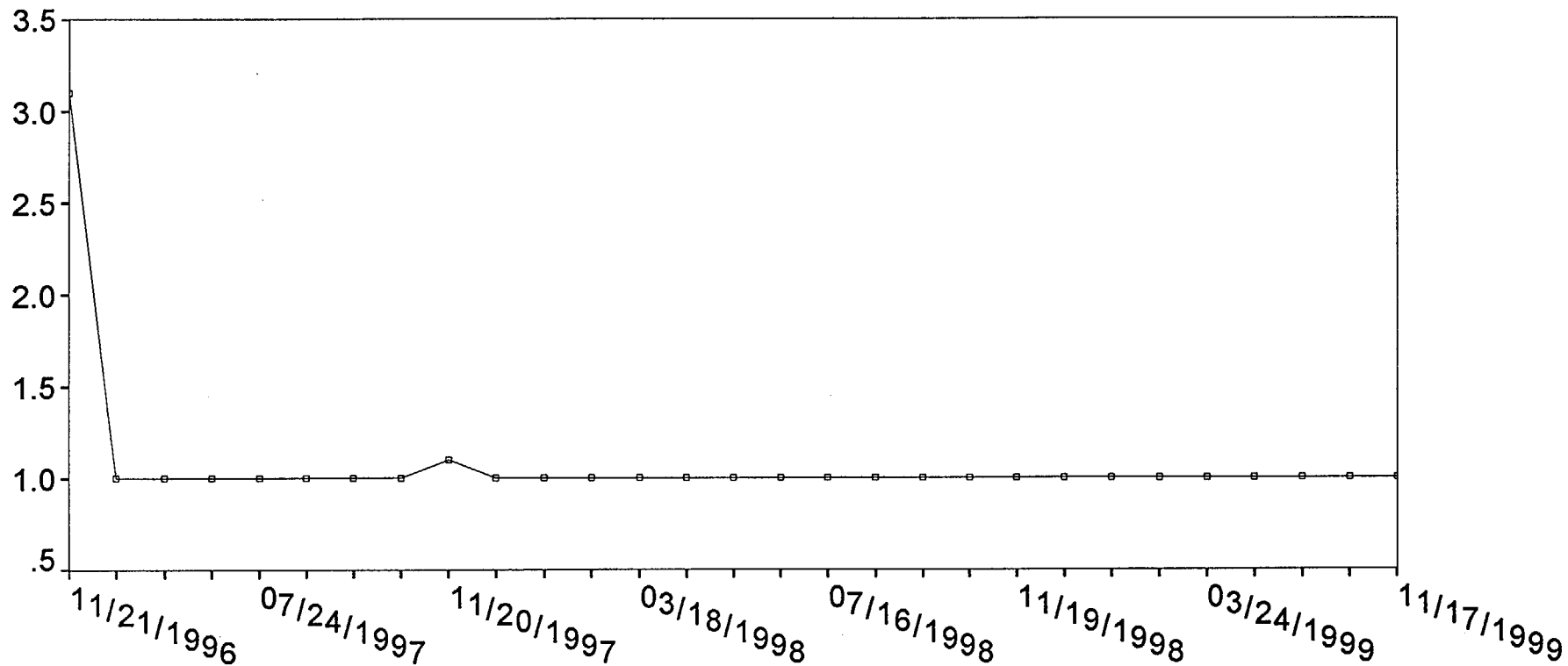


Run Chart - Raw Data

MONITOR WELLS

SHERWOOD : MW2B

ANALYTE: Cl (mg/l)

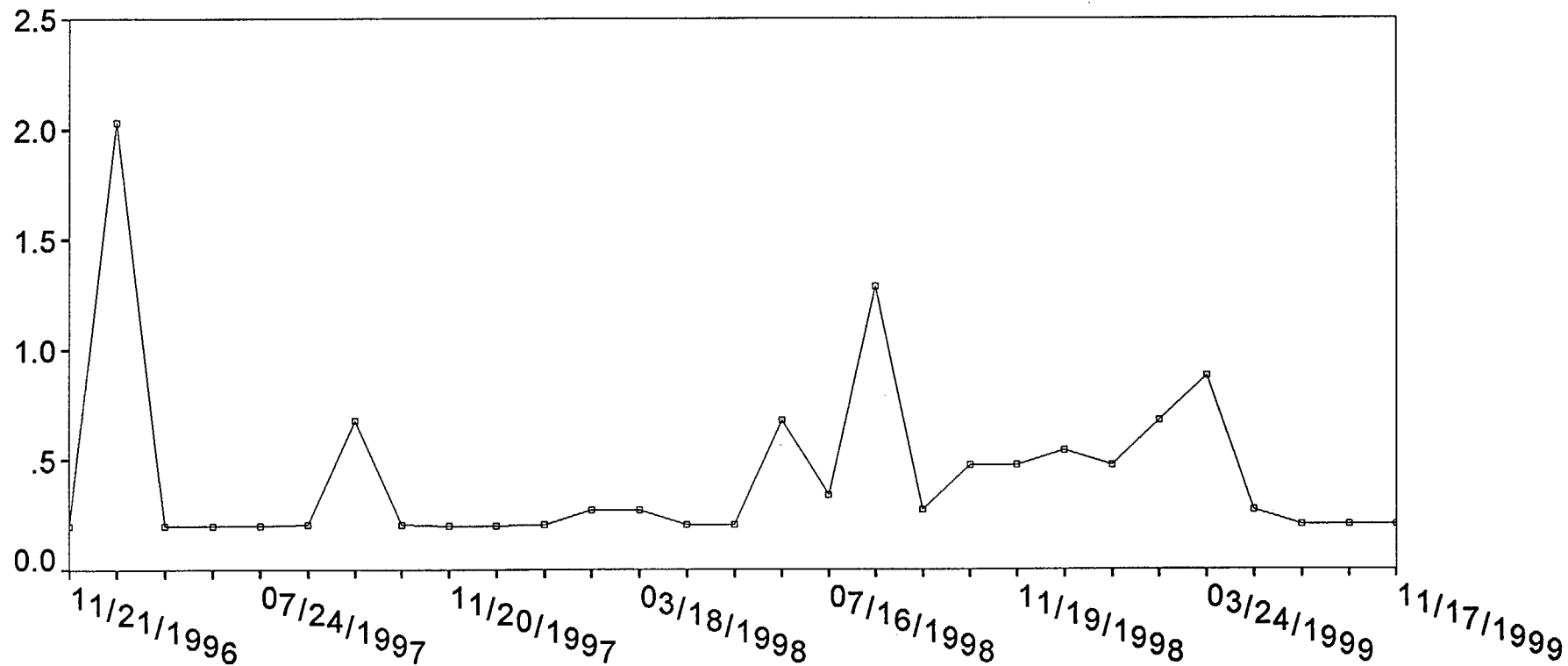


Run Chart - Raw Data

MONITOR WELLS

SHERWOOD : MW2B

ANALYTE: URD (pCi/l)



Run Chart - Raw Data

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	Calcium (D) mg/l	Magnesium (D) mg/l	Sodium (D) mg/l	Potassium (D) mg/l
05/15/1978	56.5	22.2	6.79	
06/15/1978	155	54.0	8.5	
07/27/1978	36.9	30.0	7.53	
08/30/1978	44.3	20.0	5.4	
09/29/1978	42.85	26.0	4.30	
10/31/1978	46.40	20.95	4.75	
11/03/1978	45.20	19.55	4.2	
01/16/1979	42.6	11.4	5.6	
02/22/1979	50.4	19.6	5.4	
03/19/1979	47.2	9.7	6.0	
04/13/1979	31	8	7	
05/29/1979	37	18.3	6.7	
06/21/1979	37	30	12	
07/31/1979	60	42	6	
08/22/1979	48	10	8	
09/25/1979	35.4	36.5	27.4	
10/31/1979	37	19	10	
11/30/1979	41	25	7	
03/25/1980	42	12	7	
04/28/1980	41	21	4	
08/06/1980	24	13	4	
10/30/1980	26	11	5	
01/28/1981	40.6	18.6	4.6	
04/30/1981	39.0	18.3	7.3	
07/30/1981	43.5	6.0	4.6	
10/14/1981	46	9	7	
03/15/1982	42.5	15.9	3.9	
05/27/1982	44.0	20	3.9	
07/14/1982	41.4	19.2	3.9	
10/20/1982	41.0	19.6	4.7	
05/16/1983	60	26	6.4	
08/04/1983	61.5	34.5	9.3	
10/13/1983	42	27.5	7.2	
11/05/1983	38	18.5	7	
03/13/1984	42	20	5	
05/10/1984	44	38	7	
07/12/1984	84	48	9	
07/17/1984	83	53	9	
09/11/1984	57	27	13	
09/11/1984	57	27	13	
10/11/1984	62	33	10	
11/27/1984	54	29	6	
12/18/1984	49	26	5	
01/10/1985	49	27	5	
03/13/1985	46	20	5	
06/11/1985	32.6	18.8	6.3	
09/26/1985	46	24	5.4	
12/10/1985	50	23	5.4	
02/05/1986	40	23.0	5.7	
03/11/1986	48	23	4.8	
05/08/1986	51	27	6	
09/25/1986	36	23	7	
12/16/1986	50	25	6	
03/24/1987	46	28	6	
05/12/1987	56	27	6	
09/23/1987	49	26	7	
12/09/1987	54	26	6	
03/22/1988	62	28	6	
05/25/1988	54	27	6	
09/28/1988	63	29	7	
12/21/1988	69	20	5	

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	Calcium (D) mg/l	Magnesium (D) mg/l	Sodium (D) mg/l	Potassium (D) mg/l
03/22/1989	66	13	3.9	
05/24/1989	64	19	11	
09/27/1989	64	21	3	
11/14/1989	56	28	4	
03/06/1990	59	24	7	6
05/01/1990	58	20	7	4
09/26/1990	71	21	6	4.7
12/20/1990	72	15	9	3.4
03/21/1991	54	21	7	3
05/22/1991	51.9	25.0	2.59	4.08
09/19/1991	54.5	25.5	8.9	4.30
12/18/1991	52	23	4	4
03/19/1992	59.6	31.2	6.7	5.5
05/27/1992	44.4	21.7	6.6	5.40
09/29/1992	67.0	27.0	6.0	6.0
12/29/1992	62.6	27.8	9.1	6.5
03/31/1993	56.0	26.0	6.0	4.0
05/26/1993	54.5	27.3	6.3	3.6
09/30/1993	57.5	28.2	6.0	3.8
10/27/1993	60.6	27.1	4.4	3.6
11/17/1993	64.1	22.5	5.7	3.7
12/14/1993	50.7	28.6	4.6	3.6
01/19/1994	56.2	25.6	4.3	3.4
02/16/1994	60.1	26.0	4.2	3.5
03/22/1994	64.9	24.7	5.1	5.9
04/19/1994	65.9	23.0	5.1	3.7
05/17/1994	60.9	23.6	3.7	3.8
06/29/1994	57.3	22.4	3.7	3.4
07/20/1994	75.3	20.9	3.9	4.7
08/24/1994	64.8	30.7	4.5	3.9
09/21/1994	73.6	30.6	5.9	4.5
10/19/1994	69.4	28.3	6.4	4.6
11/22/1994	79.2	31.8	6.3	4.9
12/20/1994	79.0	29.0	6.2	4.2
01/26/1995	80.0	38.0	6.4	4.8
02/28/1995	78.0	38.0	6.2	4.8
03/29/1995	73.4	36.4	6.4	4.5
04/20/1995	77.0	35.0	6.0	4.7
05/02/1995	76.8	37.8	6.1	4.6
06/06/1995	68.0	37.0	6.8	4.4
07/06/1995	43.5	41.4	9.5	5.0
08/24/1995	50.1	39.3	10.4	4.8
09/27/1995	67.1	36.1	7.5	4.5
10/25/1995	64.9	34.3	6.5	4.4
11/21/1995	71.0	33.9	6.4	4.4
02/21/1996	67.4	33.0	6.1	4.5
05/01/1996	70.2	35.4	7.3	4.7
09/25/1996	69.1	35.7	10.9	4.5
11/21/1996	63.5	35.8	8.8	5.6
12/17/1996	68.1	35.9	7.7	5.2
03/27/1997	139	67.0	18.6	5.7
04/16/1997	125	66.1	15.6	6.2
06/05/1997	117	67.2	9.4	5.9
06/26/1997	100	61.4	12.5	6.1
07/24/1997	97.0	58.1	13.3	6.1
08/21/1997	118	62.2	13.9	6.3
09/25/1997	109	58.0	13.0	6.2
10/16/1997	100	50.1	13.1	6.0
11/20/1997	112	49	16	6
12/17/1997	85	43.3	12.5	4.9
01/22/1998	78.7	40.6	10.5	4.8

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	Calcium (D) mg/l	Magnesium (D) mg/l	Sodium (D) mg/l	Potassium (D) mg/l
02/25/1998	79.0	39.5	9.0	5.0
03/18/1998	76	37.8	8.8	4.8
04/22/1998	64.3	36.8	9.4	4.7
05/28/1998	86.8	44.4	11.0	5.1
06/17/1998	80.9	42.0	10.0	5.0
07/16/1998	77.2	40.7	9.8	5.0
08/19/1998	75.4	39.8	9.0	5.2
09/17/1998	72.2	38.8	9.3	5.2
10/22/1998	57.6	32.9	6.9	4.3
01/27/1999	61.9	36.6	7.5	4.8
05/12/1999	116	60.0	15.0	5.9
09/15/1999	90.9	45.0	15.2	4.8
11/17/1999	72.8	41.2	9.6	4.7

Site : SHERWOOD
Sample Type : MONITOR WELLS
Sample Location: MW4
Date Range : 01/01/1978 - 12/31/1999

Analytes:	Ca	Mg	Na	K
Units:	mg/l	mg/l	mg/l	mg/l
***** BASIC STATISTICS *****				
N of Cases :	135	135	135	70
Average :	6.212E+01	2.992E+01	7.459E+00	4.768E+00
Std. Dev. :	2.199E+01	1.254E+01	3.449E+00	8.473E-01
Variance :	4.834E+02	1.574E+02	1.189E+01	7.179E-01
Std. Err. :	1.892E+00	1.080E+00	2.968E-01	1.013E-01
Maximum :	1.550E+02	6.720E+01	2.740E+01	6.500E+00
Minimum :	2.400E+01	6.000E+00	2.590E+00	3.000E+00

***** STUDENT'S T STATISTIC *****

Student T	: -4.075E-01	-1.523E+00	-2.331E+00	-8.373E-01
Deg. Free	: 6.000E+00	6.000E+00	6.000E+00	6.000E+00
2-Tail Sig	: 6.978E-01	1.785E-01	5.856E-02	4.345E-01
S.E. Diff	: 3.000E+01	9.288E+00	2.046E+00	6.270E-01
95%C.I.Dif	: -8.563E+01	-3.688E+01	-9.777E+00	-2.059E+00
Cat 1 Mean	: 7.318E+01	3.155E+01	7.055E+00	4.525E+00
S.D.	: 5.515E+01	1.557E+01	1.307E+00	1.118E+00
S.E. Mean	: 2.757E+01	7.785E+00	6.534E-01	5.588E-01
Cat 2 Mean	: 8.540E+01	4.570E+01	1.183E+01	5.050E+00
S.D.	: 2.365E+01	1.013E+01	3.878E+00	5.686E-01
S.E. Mean	: 1.182E+01	5.067E+00	1.939E+00	2.843E-01

***** MANN-WHITNEY-U STATISTIC *****

U-Stat	: 4.000E+00	3.000E+00	2.000E+00	4.500E+00
Signific	: -1.155E+00	-1.443E+00	-1.732E+00	-1.023E+00
P = Val 1T	: 1.241E-01	7.446E-02	4.163E-02	1.532E-01
P = Val 2T	: 2.482E-01	1.489E-01	8.326E-02	3.065E-01

***** LINEAR REGRESSION *****

Slope	: 5.399E-03	3.004E-03	3.727E-04	3.769E-04
Intercept	: 3.979E+01	1.750E+01	5.918E+00	4.032E+00
R-square	: 3.708E-01	3.525E-01	7.182E-02	1.648E-01
r	: 6.089E-01	5.937E-01	2.680E-01	4.059E-01
F	: 7.837E+01	7.242E+01	1.029E+01	1.342E+01
P	: 1.443E-15	1.488E-14	1.675E-03	4.893E-04

Site: SHERWOOD
 Sample Type: MONITOR WELLS
 Sample Location: MW4

Sample Date	Carbonate mg/l	Bicarbonate mg/l	Sulfate (D) mg/l	Chloride (D) mg/l
05/15/1978			10	<2
06/15/1978			5	<2
07/27/1978			13	3
08/30/1978			8.2	1
09/29/1978			13.0	0.1
10/31/1978			8.1	0.4
11/03/1978			8.5	0.3
01/16/1979			10.0	0.3
02/22/1979			8.5	0.1
03/19/1979			11.2	0.4
04/13/1979			18	2
05/29/1979			12.4	1.2
06/21/1979			11	2
07/31/1979			12	1
08/22/1979			16	1
09/25/1979			9	6.4
10/31/1979			10	1.5
11/30/1979			6	0.8
03/25/1980			13.0	2.6
04/28/1980			10	1.5
08/06/1980			9	1.9
10/30/1980			4	1.1
01/28/1981			16.7	0.7
04/30/1981			14	0.6
07/30/1981			11.7	1.0
10/14/1981			1	1.2
03/15/1982			18	1.2
05/27/1982			11	1.0
07/14/1982			11	3.7
10/20/1982			12	1.0
05/16/1983			3	6
08/04/1983			62	29
10/13/1983			29	12
11/05/1983			15	3
03/13/1984			10.5	1
05/10/1984			45	4.6
07/12/1984			122	17.5
07/17/1984			107	18.0
09/11/1984			63	7.5
09/11/1984			63	7.5
10/11/1984			40.1	6.7
11/27/1984			21.5	3.5
12/18/1984			17.2	2.1
01/10/1985			9.0	1.8
02/19/1985			8.5	1.6
03/13/1985			9.7	1.3
04/17/1985			8.9	1.5
05/23/1985			0.574	5.71
06/11/1985			0.382	5.71
07/16/1985			0.04	5.6
08/09/1985			11	7
09/26/1985			8	7
10/17/1985			4	6
11/21/1985			6	7
12/10/1985			8	8
01/14/1986			9	7
02/05/1986			6.3	2.9
03/11/1986			8.5	1.59
04/09/1986			6.7	1.2
05/08/1986			12	2.1
06/05/1986			24	5

Site: SHERWOOD
 Sample Type: MONITOR WELLS
 Sample Location: MW4

Sample Date	Carbonate mg/l	Bicarbonate mg/l	Sulfate (D) mg/l	Chloride (D) mg/l
07/02/1986			39	7
08/07/1986			24	9
09/25/1986			5	4
10/16/1986			10	2
11/18/1986			10	2
12/16/1986			13	3
01/15/1987			11	2
03/24/1987			4	2
05/12/1987			7	2
09/23/1987			6	2
12/09/1987			5	4
03/22/1988			4	2
05/25/1988			5	2
09/28/1988			12	1
12/21/1988			11	11
03/22/1989			11	18
05/24/1989			11	14
09/27/1989			14	60
11/14/1989			11	9
03/06/1990	0	274	12	12
05/01/1990	0	200	11	15
09/26/1990	0	229	10	1.8
12/20/1990	0	225	13	8
03/21/1991	0	229	14	7
05/22/1991	0	235	14.1	3.61
09/19/1991	0	244	16.5	3.70
12/18/1991	0	232	15	6
03/19/1992	0	257	14.6	2.6
05/27/1992	0	247	15.3	2.40
09/29/1992	0	274	13.7	3.0
12/29/1992	0	322	14.9	4.0
03/31/1993	0	311	13.1	4.1
05/26/1993	0	270	16.6	0.7
09/30/1993	0	298	15.2	<1.0
10/27/1993	0	310	14.3	2.8
11/17/1993	0	296	16.7	2.2
12/14/1993	0	283	13.9	<1.0
01/19/1994	0	295	16.2	<1.0
02/16/1994	0	288	18.7	1.3
03/22/1994	0	301	13.9	1.9
04/19/1994	0	293	13.1	<1.0
05/17/1994	0	298	13.5	3.7
06/29/1994	0	270	15.5	<1.0
07/20/1994	0	331	12.7	1.68
08/24/1994	0	350	13.0	<1.0
09/21/1994		357	14.5	<1.0
10/19/1994	0	348	13.6	<1.0
11/22/1994	0	409	13.5	<1.0
12/20/1994	0	362	13.7	<1.0
01/26/1995	0	361	13.5	1.9
02/28/1995	0	436	14.5	0.30
03/29/1995	0	373	13.7	2.0
04/20/1995	0	398	13.8	1.9
05/02/1995	0	417	15.7	2.6
06/06/1995			25.2	4.1
07/06/1995	0	318	34.4	9.4
08/24/1995	0	317	37.2	8.0
09/27/1995	0	370	17.1	2.8
10/25/1995	0	346	13.4	<1.0
11/21/1995	0	362	13.8	<1.0
02/21/1996	0	340	13.0	2.4

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	Carbonate mg/l	Bicarbonate mg/l	Sulfate (D) mg/l	Chloride (D) mg/l
05/01/1996	0	344	26.9	5.3
09/25/1996	0	355	36.1	9.8
11/21/1996	0	345	20.4	6.4
12/17/1996	0	361	15.1	3.6
03/27/1997	0	367	235	92.6
04/16/1997	0	454	154	49.6
06/05/1997	0	411	167	22.4
06/26/1997	0	414	145	28.8
07/24/1997	0	416	119	27.0
08/21/1997	0	405	137	45.6
09/25/1997	0	395	147	52.3
10/16/1997	<0.10	390	105	36.2
11/20/1997	<0.1	379	115	44.4
12/17/1997	<1	393	62.2	20.1
01/22/1998	<0.10	373	41.1	12.1
02/25/1998	<0.10	406	24.3	5.3
03/18/1998	<0.1	409	25.2	5
04/22/1998	<1.0	343	27.4	6.4
05/28/1998	<1.0	<1.0	56.6	19.9
06/17/1998	<1.0	421	35.5	9.2
07/16/1998	<1.0	437	24.5	5.7
08/19/1998	<1.0	432	21.9	4.1
09/17/1998	<1.0	392	21.3	14.8
10/22/1998	<1.0	326	16.6	3.0
11/19/1998			16.1	1.7
12/10/1998			16.8	2.7
01/27/1999	<1.0	368	20.0	1.4
02/24/1999			17.3	2.7
03/24/1999			22.6	4.5
04/08/1999			80.8	25.7
05/12/1999	<1.0	398	128	46.2
09/15/1999	<1.0	391	61.1	17.4
11/17/1999	<1.0	372	29.2	5.9

Site : SHERWOOD
 Sample Type : MONITOR WELLS
 Sample Location: MW4
 Date Range : 01/01/1978 - 12/31/1999

 Analytes: CO3 HCO3 SO4 Cl
 Units: mg/l mg/l mg/l mg/l
 ***** BASIC STATISTICS *****
 N of Cases : 68 69 155 155
 Average : 1.838E-01 3.359E+02 2.642E+01 7.536E+00
 Std. Dev. : 3.815E-01 7.424E+01 3.676E+01 1.272E+01
 Variance : 1.456E-01 5.511E+03 1.351E+03 1.619E+02
 Std. Err. : 4.627E-02 8.937E+00 2.953E+00 1.022E+00
 Maximum : 1.000E+00 4.540E+02 2.350E+02 9.260E+01
 Minimum : 0.000E+00 1.000E+00 4.000E-02 1.000E-01

***** STUDENT'S T STATISTIC *****
 Student T : . -8.825E+00 -3.167E+00 -2.562E+00
 Deg. Free : . 6.000E+00 6.000E+00 6.000E+00
 2-Tail Sig : . 1.176E-04 1.938E-02 4.279E-02
 S.E. Diff : . 1.703E+01 2.075E+01 8.509E+00
 95%C.I.Dif : . -1.919E+02 -1.165E+02 -4.262E+01
 Cat 1 Mean : 0.000E+00 2.320E+02 9.050E+00 2.000E+00
 S.D. : 0.000E+00 3.080E+01 3.348E+00 8.165E-01
 S.E. Mean : 0.000E+00 1.540E+01 1.674E+00 4.082E-01
 Cat 2 Mean : 1.000E+00 3.823E+02 7.478E+01 2.380E+01
 S.D. : 0.000E+00 1.452E+01 4.137E+01 1.700E+01
 S.E. Mean : 0.000E+00 7.261E+00 2.068E+01 8.499E+00

***** MANN-WHITNEY-U STATISTIC *****
 U-Stat : 0.000E+00 0.000E+00 0.000E+00 0.000E+00
 Signific :-2.646E+00 -2.309E+00 -2.309E+00 -2.323E+00
 P = Val 1T : 4.075E-03 1.046E-02 1.046E-02 1.008E-02
 P = Val 2T : 8.151E-03 2.092E-02 2.092E-02 2.016E-02

***** LINEAR REGRESSION *****
 Slope : 2.589E-04 4.919E-02 5.529E-03 1.715E-03
 Intercept :-3.230E-01 2.398E+02 3.650E+00 4.753E-01
 R-square : 3.942E-01 3.710E-01 1.337E-01 1.073E-01
 r : 6.278E-01 6.091E-01 3.656E-01 3.276E-01
 F : 4.294E+01 3.951E+01 2.361E+01 1.839E+01
 P : 9.076E-09 2.708E-08 2.900E-06 3.176E-05

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	TDS mg/l	Alk CaCO3 mg/l	SiO2 (D) mg/l	pH Lab s.u.
05/15/1978	225			8.10
06/15/1978	234			7.65
07/27/1978	234			7.90
08/30/1978	222			7.80
09/29/1978	236.1			8.2
10/31/1978	226.4			7.9
11/03/1978	217.6			8.0
01/16/1979	184.4			7.75
02/22/1979	197.8			7.70
03/19/1979	204			8.1
04/13/1979	211			7.7
05/29/1979	215.8			7.5
06/21/1979	218			7.4
07/31/1979	216.2			8.10
08/22/1979	259			7.35
09/25/1979	360			6.15
10/31/1979	209			8.0
11/30/1979	219			7.98
03/25/1980	201.8			8.40
04/28/1980	471			7.9
08/06/1980	321			7.8
10/30/1980	453			7.75
01/28/1981	286.2			7.85
04/30/1981	457			7.8
07/30/1981	463			7.7
10/14/1981	146			8.2
03/15/1982	204.9			8.0
05/27/1982	207.1			8.0
07/14/1982	204			8.4
10/20/1982	206			8.4
05/16/1983	303			8.4
08/04/1983	425			7.6
10/13/1983	301			7.7
11/05/1983	226			7.6
03/13/1984	218			8.1
05/10/1984	310			7.8
07/12/1984	519			7.9
07/17/1984	582			7.6
09/11/1984	430			7.75
09/11/1984	430			7.8
10/11/1984	339.2			7.6
11/27/1984	283			7.7
12/18/1984	248			7.8
01/10/1985	307			7.8
02/19/1985	232			7.90
03/13/1985	242			8.0
04/17/1985	250			7.9
05/23/1985	264			7.70
06/11/1985	254			7.90
07/16/1985	248			7.6
08/09/1985	266			7.5
09/26/1985	265			7.8
10/17/1985	256			7.6
11/21/1985	225			7.5
12/10/1985	255			7.7
01/14/1986	256			7.6
02/05/1986	252			7.6
03/11/1986	267			7.82
04/09/1986	259			7.7
05/08/1986	279			7.8
06/05/1986	318			7.8

Site: SHERWOOD
 Sample Type: MONITOR WELLS
 Sample Location: MW4

Sample Date	TDS mg/l	Alk CaCO3 mg/l	SIO2 (D) mg/l	pH Lab s.u.
07/02/1986	361			7.6
08/07/1986	329			7.3
09/25/1986	315			7.7
10/16/1986	286			7.8
11/18/1986	277			7.7
12/16/1986	280			7.8
01/15/1987	280			7.8
03/24/1987	298			8.0
05/12/1987	309			7.4
09/23/1987	307			7.8
12/09/1987	290			7.7
03/22/1988	306			7.9
05/25/1988	303			7.8
09/28/1988	324			7.7
12/21/1988	260			8.0
03/22/1989	255			7.9
05/24/1989	148			8.1
09/27/1989	281			
11/14/1989	284			7.8
03/06/1990	286			7.8
05/01/1990	240			
09/26/1990	339			
12/20/1990	209			8.0
03/21/1991	249			7.7
05/22/1991	292			7.4
09/19/1991	295			7.4
12/18/1991	241			7.8
03/19/1992	305			
05/27/1992	232			7.54
09/29/1992	353			8.26
12/29/1992	288			7.76
03/31/1993	258			
05/26/1993	290			
09/30/1993	284	244		7.78
10/27/1993	286	254		7.45
11/17/1993	289	243		8.15
12/14/1993	273	232	19.9	7.85
01/19/1994	282	242	19.4	7.8
02/16/1994	259	237	18.0	
03/22/1994	283	247	18.5	8.30
04/19/1994	298	240	20.2	7.5
05/17/1994	295	244	19.6	7.84
06/29/1994	254	221	19.7	
07/20/1994	298	271	18.7	
08/24/1994	300	287	19.5	8.06
09/21/1994	336	293	18.2	7.88
10/19/1994	329	285	18.0	8.02
11/22/1994	349	335	18.5	8.07
12/20/1994	342	297	18.7	8.02
01/26/1995	356	326	17.7	7.93
02/28/1995	378	357	18.1	7.93
03/29/1995	342	306	17.0	7.88
04/20/1995	352	326	16.1	8.03
05/02/1995	374	342	17.8	7.97
06/06/1995	363	291	17.4	8.29
07/06/1995	356	261	21.1	8.19
08/24/1995	341	260	21.9	7.47
09/27/1995	370	303	19.2	7.73
10/25/1995	316	284	17.2	8.09
11/21/1995	333	297	18.1	7.86
02/21/1996	325	279	16.0	7.80

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	TDS mg/l	Alk CaCO3 mg/l	SiO2 (D) mg/l	pH Lab s.u.
05/01/1996	336	282	17.8	7.82
09/25/1996	421	291	23.8	7.79
11/21/1996	365	283	19.7	7.93
12/17/1996	313	296	19.2	7.93
03/27/1997	783	301	23.3	7.95
04/16/1997	705	372	19.9	7.81
06/05/1997	624	337	20.9	7.88
06/26/1997	617	339	20.3	7.95
07/24/1997	615	341	20.8	8.01
08/21/1997	664	332	24.8	7.97
09/25/1997	638	324	23.8	8.02
10/16/1997	583	320	23.4	7.99
11/20/1997	589	311	22	7.92
12/17/1997	440	322	21.9	7.95
01/22/1998	403	306	20.7	
02/25/1998	391	333	19.0	
03/18/1998	387	335	18.3	
04/22/1998	386	281	19.0	
05/28/1998	808	<1.0	19.8	
06/17/1998	410	345	19.4	
07/16/1998	410	353	18.9	
08/19/1998	411	354	18.0	
09/17/1998	374	321	18.3	
10/22/1998	361	267	18.0	
11/19/1998	343			7.60
12/10/1998	363			7.87
01/27/1999	357	302	19.3	
02/24/1999	348			7.67
03/24/1999	390			7.72
04/08/1999	527			7.44
05/12/1999	653	327	19.0	
09/15/1999	479	321		8.05
11/17/1999	438	306	18.4	7.92

Site : SHERWOOD
 Sample Type : MONITOR WELLS
 Sample Location: MW4
 Date Range : 01/01/1978 - 12/31/1999

Analytes:	TDS	ALK	SIO2	pH_I
Units:	mg/l	mg/l	mg/l	s.u.

***** BASIC STATISTICS *****

N of Cases :	155	56	52	134
Average :	3.309E+02	2.930E+02	1.947E+01	7.825E+00
Std. Dev. :	1.201E+02	5.427E+01	1.949E+00	2.681E-01
Variance :	1.443E+04	2.945E+03	3.800E+00	7.187E-02
Std. Err. :	9.648E+00	7.252E+00	2.703E-01	2.316E-02
Maximum :	8.080E+02	3.720E+02	2.480E+01	8.400E+00
Minimum :	1.460E+02	1.000E+00	1.600E+01	6.150E+00

***** STUDENT'S T STATISTIC *****

Student T	:-6.326E+00	-9.477E+00	5.294E-01	4.910E-01
Deg. Free	: 6.000E+00	6.000E+00	6.000E+00	6.000E+00
2-Tail Sig	: 7.295E-04	7.860E-05	6.155E-01	6.409E-01
S.E. Diff	: 4.671E+01	7.465E+00	5.194E-01	1.629E-01
95%C.I.Dif	:-4.098E+02	-8.902E+01	-9.960E-01	-3.187E-01
Cat 1 Mean	: 2.288E+02	2.433E+02	1.895E+01	7.863E+00
S.D.	: 6.185E+00	8.995E+00	8.583E-01	1.887E-01
S.E. Mean	: 3.092E+00	4.498E+00	4.291E-01	9.437E-02
Cat 2 Mean	: 5.243E+02	3.140E+02	1.867E+01	7.783E+00
S.D.	: 9.322E+01	1.192E+01	5.852E-01	2.656E-01
S.E. Mean	: 4.661E+01	5.958E+00	2.926E-01	1.328E-01

***** MANN-WHITNEY-U STATISTIC *****

U-Stat	: 0.000E+00	0.000E+00	5.500E+00	7.000E+00
Signific	:-2.323E+00	-2.309E+00	-7.260E-01	-2.887E-01
P = Val 1T	: 1.008E-02	1.046E-02	2.339E-01	3.864E-01
P = Val 2T	: 2.016E-02	2.092E-02	4.678E-01	7.728E-01

***** LINEAR REGRESSION *****

Slope	: 2.640E-02	2.553E-02	7.928E-04	1.264E-05
Intercept	: 2.222E+02	2.678E+02	1.872E+01	7.778E+00
R-square	: 2.853E-01	9.464E-02	6.253E-02	1.255E-02
r	: 5.342E-01	3.076E-01	2.501E-01	1.120E-01
F	: 6.109E+01	5.645E+00	3.335E+00	1.677E+00
P	: 6.706E-13	2.108E-02	7.379E-02	1.975E-01

Site: SHERWOOD
 Sample Type: MONITOR WELLS
 Sample Location: MW4

Sample Date	Arsenic (D) mg/l	Iron (D) mg/l	Nickel (D) mg/l	Zinc (D) mg/l
09/30/1993		<0.05	<0.05	
10/27/1993		<0.05	0.05	
11/17/1993		<0.05	<0.05	
12/14/1993		<0.05	<0.05	
01/19/1994	<0.001	<0.05	<0.05	0.02
02/16/1994	0.001	<0.05	<0.05	0.02
03/22/1994	0.001	<0.05	<0.05	<0.01
04/19/1994	<0.001	<0.05	<0.05	<0.01
05/17/1994	<0.001	<0.05	<0.05	<0.01
06/29/1994	<0.001	<0.05	<0.05	<0.01
07/20/1994	0.001	<0.05	<0.05	<0.01
08/24/1994	<0.001	<0.05	<0.01	<0.01
09/21/1994	0.001	<0.05	<0.01	<0.01
10/19/1994	0.002	<0.05	<0.01	<0.01
11/22/1994	0.001	<0.05	<0.05	<0.01
12/20/1994	<0.001	<0.05	<0.05	<0.01
01/26/1995	<0.001	<0.01	<0.01	<0.01
02/28/1995	<0.001	<0.01	<0.01	<0.01
03/29/1995	0.002	<0.01	<0.01	<0.01
04/20/1995	<0.001	<0.01	<0.01	<0.01
05/02/1995	<0.001	<0.01	<0.01	<0.01
06/06/1995	<0.001	<0.01	<0.01	<0.01
07/06/1995	<0.001	<0.01	<0.01	<0.01
08/24/1995	<0.001	<0.05	<0.05	<0.01
09/27/1995	0.002	<0.01	<0.01	<0.01
10/25/1995	<0.001	<0.01	<0.01	<0.01
11/21/1995	<0.001	<0.01	<0.01	<0.01
02/21/1996	0.002	0.08	<0.01	<0.01
05/01/1996	<0.001	<0.01	<0.01	<0.01
09/25/1996	<0.001	0.02	<0.01	<0.01
11/21/1996	<0.001	<0.05	<0.05	<0.01
12/17/1996	0.001	<0.05	<0.05	<0.01
03/27/1997	<0.001	<0.10	<0.01	<0.01
04/16/1997	<0.001	<0.05	<0.05	<0.01
06/05/1997	0.001	0.01	<0.01	<0.01
06/26/1997	<0.001	<0.01	<0.01	<0.01
07/24/1997	<0.001	<0.01	<0.01	<0.01
08/21/1997	<0.001	<0.01	<0.01	<0.01
09/25/1997	<0.001	<0.01	<0.01	<0.01
10/16/1997	<0.001	<0.01	<0.01	<0.01
11/20/1997	0.002	0.01	<0.01	<0.01
12/17/1997	0.002	<0.01	<0.01	<0.01
01/22/1998	0.001	<0.01	<0.01	<0.01
02/25/1998	0.001	<0.01	<0.01	0.01
03/18/1998	0.002	<0.01	<0.01	<0.01
04/22/1998	0.002	0.04	<0.01	<0.01
05/28/1998	0.002	<0.01	<0.01	<0.01
06/17/1998	0.002	<0.01	<0.01	<0.01
07/16/1998	<0.001	<0.01	<0.01	<0.01
08/19/1998	0.001	<0.01	<0.01	<0.01
09/17/1998	0.002	<0.01	<0.01	<0.01
10/22/1998	0.002	<0.01	<0.01	<0.01
11/19/1998			<0.05	
12/10/1998			<0.05	
01/27/1999	0.001	<0.01	<0.01	<0.01
02/24/1999			<0.01	
03/24/1999			<0.01	
04/08/1999			<0.01	
05/12/1999	0.002	<0.01	<0.01	<0.01
09/15/1999	0.001	<0.01	<0.01	<0.01
11/17/1999	0.001	<0.01	<0.01	<0.01

Site : SHERWOOD
 Sample Type : MONITOR WELLS
 Sample Location: MW4
 Date Range : 01/01/1978 - 12/31/1999

Analytes: As D Fe D Ni D Zn D
 Units: mg/l mg/l mg/l mg/l

***** BASIC STATISTICS *****

	As D	Fe D	Ni D	Zn D
N of Cases :	52	56	61	52
Average :	1.250E-03	2.786E-02	2.246E-02	1.038E-02
Std. Dev. :	4.372E-04	2.262E-02	1.868E-02	1.942E-03
Variance :	1.912E-07	5.117E-04	3.489E-04	3.771E-06
Std. Err. :	6.063E-05	3.023E-03	2.391E-03	2.693E-04
Maximum :	2.000E-03	1.000E-01	5.000E-02	2.000E-02
Minimum :	1.000E-03	1.000E-02	1.000E-02	1.000E-02

***** STUDENT'S T STATISTIC *****

Student T	:-1.000E+00	.	.	1.732E+00
Deg. Free	: 6.000E+00	.	.	6.000E+00
2-Tail Sig	: 3.559E-01	.	.	1.340E-01
S.E. Diff	: 2.500E-04	.	.	2.887E-03
95%C.I.Dif	:-8.617E-04	.	.	-2.064E-03
Cat 1 Mean	: 1.000E-03	5.000E-02	5.000E-02	1.500E-02
S.D.	: 0.000E+00	0.000E+00	0.000E+00	5.774E-03
S.E. Mean	: 0.000E+00	0.000E+00	0.000E+00	2.887E-03
Cat 2 Mean	: 1.250E-03	1.000E-02	1.000E-02	1.000E-02
S.D.	: 5.000E-04	0.000E+00	0.000E+00	0.000E+00
S.E. Mean	: 2.500E-04	0.000E+00	0.000E+00	0.000E+00

***** MANN-WHITNEY-U STATISTIC *****

U-Stat	: 6.000E+00	0.000E+00	0.000E+00	4.000E+00
Signific	:-1.000E+00	-2.646E+00	-2.646E+00	-1.528E+00
P = Val 1T	: 1.587E-01	4.075E-03	4.075E-03	6.332E-02
P = Val 2T	: 3.173E-01	8.151E-03	8.151E-03	1.266E-01

***** LINEAR REGRESSION *****

Slope	: 2.159E-07	-1.857E-05	-1.398E-05	-9.507E-07
Intercept	: 1.045E-03	4.619E-02	3.736E-02	1.129E-02
R-square	: 9.394E-02	2.884E-01	2.598E-01	9.234E-02
r	: 3.065E-01	-5.370E-01	-5.097E-01	-3.039E-01
F	: 5.184E+00	2.188E+01	2.071E+01	5.087E+00
P	: 2.711E-02	1.984E-05	2.723E-05	2.852E-02

Site: SHERWOOD
 Sample Type: MONITOR WELLS
 Sample Location: MW4

Sample Date	Thallium (D) mg/l	Uranium (D) pCi/l	Radium-226 (D) pCi/l	Radium-228 (D) pCi/l
05/15/1978		5.4	0.2#0.3	
06/15/1978		12.9	0.0#0.7	
07/27/1978		<6.8	0.2#0.8	
08/30/1978		6.8	0.6#1.0	
09/29/1978		5.4	0.1#0.9	
12/15/1978		4.7	0.6	
01/16/1979		<14		
02/22/1979		47.4		
03/19/1979		<14	177#7	
04/13/1979		<14		
05/29/1979		<14		
06/21/1979		<6.8	0.4#0.9	
07/31/1979		2.7		
08/22/1979		7.4		
09/25/1979		5.4	0.3#0.7	
10/31/1979		5.7		
11/30/1979		6.3	0.1#0.03	
03/25/1980		9.5	1.4#0.7	
04/28/1980		6.3	1.5#0.6	
08/06/1980		4.7	1.0#0.5	
10/30/1980		10.2	0.33#0.05	
01/28/1981		4.6	0.33#0.05	
04/30/1981		3	1.2#0.6	
07/30/1981		6	1.4#0.6	
10/14/1981		10	0.81#0.5	
03/15/1982		26	0.9#0.5	
05/27/1982		19.8	0.6#0.5	
07/14/1982		6.2	0.70#0.35	
10/20/1982		7.5	0.81#0.06	
05/16/1983		13#2	0#0.4	
08/04/1983		25#5	0.4#0.4	
10/13/1983		92#19.6	1.7#0.6	
11/05/1983		18.9#6.8		
03/13/1984		15#5	0.7#0.5	
05/10/1984		19#3	1.4#0.3	
05/10/1984			0.35#0.04	
07/12/1984		22.0#2.4	1.5#0.4	
07/17/1984		26.3#2.5	1.2#0.3	
09/11/1984		23#3	3#0.5	
10/11/1984		13#2	3.2#0.6	
03/13/1985		11#3	0.7#0.3	
06/11/1985		5.38#0.40	0.62#0.19	
09/26/1985		6.1#2.1	0.7#0.3	
12/10/1985		5#1.3	1.4#0.4	
02/05/1986		4.1#1.6	0.46#0.16	
03/11/1986		3.1#1.3	0.92#0.20	
05/08/1986		13#5	1.2#0.2	
09/25/1986		14#3	1.8#0.3	
12/16/1986		8#2	1.6#0.4	
03/24/1987		5#7	0.4#0.3	
05/12/1987		10#3	3#1	
09/23/1987		5#3	3#0.5	
12/09/1987		7#3	4#0.5	
03/22/1988		3#4	2#0.4	
05/25/1988		9#4	1#0.2	
09/28/1988		10#4	2#0.4	
12/21/1988		4.0#0.9	0.9#0.3	
03/22/1989		3.9#0.7	0.8#0.3	
05/24/1989		4.0#0.6	0.8#0.2	
09/27/1989		<0.2#0.2	2.3#0.6	
11/14/1989		4.6#0.6	0.4#0.2	

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	Thallium (D) mg/l	Uranium (D) pCi/l	Radium-226 (D) pCi/l	Radium-228 (D) pCi/l
03/06/1990		0.9#0.3	1.4#0.4	
05/01/1990		5.7#0.8	1.6#0.4	
09/26/1990		8.8#0.8	1.4#0.4	
12/20/1990		5.5#0.6	1.1#0.3	
03/21/1991		5.0#0.6	1.0#0.3	
05/22/1991		4.2	0.4#0.3	
09/19/1991		6.77	0.7#0.2	
12/18/1991		7.6#0.8	1.1#0.3	
03/19/1992		4.06	<0.2	
05/27/1992		7.45	0.3#0.2	
09/29/1992		4.7	0.4#0.2	
12/29/1992		4.1	0.2#0.1	
03/31/1993		8.8	1.0#0.2	
05/26/1993		5.42	0.6#0.2	
09/30/1993		6.09	1.0#0.3	2.1#0.5
10/27/1993		10.8	0.4#0.3	4.9#0.9
11/17/1993		5.42	0.7#0.4	1.2#0.7
12/14/1993		5.42	0.9#0.2	<1.0
01/19/1994		5.42	0.8#0.2	3.0#2.9
02/16/1994		6.09	1.3#0.5	<1.0
03/22/1994		62.96	1.5#0.6	2.0#2.0
04/19/1994		7.45	1.1#0.6	1.5#1.3
05/17/1994		9.48	0.8#0.4	2.4#0.9
06/29/1994	<0.01	6.77	0.3#0.2	3.1#2.9
07/20/1994	<0.01	6.77	1.0#0.6	2.0#1.6
07/20/1994	<0.0004			
08/24/1994	<0.01	8.12	1.4#0.5	<1.0
08/24/1994	<0.0004			
09/21/1994	<0.01	6.77	<0.2	<1.0
10/19/1994	<0.01	9.48	0.9#0.4	1.0#0.5
10/19/1994	<0.0004			
11/22/1994	<0.01	8.12	0.8#0.5	2.2#1.4
11/22/1994	<0.0004			
12/20/1994	<0.01	8.80	1.0#0.4	<1.0
12/20/1994	<0.0004			
01/26/1995	<0.01	8.12	1.0#0.3	<1.0
01/26/1995	<0.0004			
02/28/1995	<0.01	8.12	0.7#0.4	1.3#0.8
02/28/1995	<0.0004			
03/29/1995	<0.01	8.12	<0.2	<1.0
03/29/1995	<0.0004			
04/20/1995	<0.0004	8.80	0.8#0.4	<1.0
05/02/1995	<0.0004	8.12	0.8#0.4	1.5#0.7
06/06/1995	<0.0004	15.6	0.8#0.5	<1.0
07/06/1995	<0.0004	16.9	1.1#0.7	3.5#1.3
08/24/1995	<0.0004	19.0	0.9#0.3	1.7#1.2
09/27/1995	<0.0004	14.9	1.8#0.7	<1.0
10/25/1995	<0.0004	11.4	1.2#0.4	1.1#0.8
11/21/1995	<0.0004	9.75	0.6#0.5	1.7#1.1
02/21/1996	<0.0004	8.12	1.0#0.3	<1.0
05/01/1996	<0.0004	19.0	0.9#0.2	<1.0
09/25/1996	<0.0004	16.2	0.7#0.3	<1.0
11/21/1996	<0.0004	12.3	0.7#0.2	<1.0
12/17/1996	<0.015	1.22	1.0#0.2	<1.0
03/27/1997	<0.0004	37.24	2.4#0.2	2.2#0.3
04/16/1997	<0.0004	48.07	1.4#0.2	<1.0
06/05/1997	<0.0004	25.05	1.0#0.2	1.5#0.7
06/26/1997	<0.0004	20.99	1.5#0.2	<1.0
07/24/1997	<0.0004	34.53	1.8#0.3	2.4#0.2
08/21/1997	<0.0004	41.97	1.6#0.2	<1.0
09/25/1997	<0.0004	49.42	1.4#0.2	3.2#0.9

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	Thallium (D) mg/l	Uranium (D) pCi/l	Radium-226 (D) pCi/l	Radium-228 (D) pCi/l
10/16/1997	<0.0004	63.64	2.1#0.3	<1.0
11/20/1997	<0.0004	43.53	1.7#0.30	1.8#0.20
12/17/1997	<0.0004	32.63	0.9#0.20	<1
01/22/1998	<0.0004	24.9	0.9#0.2	<1.0
02/25/1998	<0.0004	21.3	1.4#0.2	<1.0
03/18/1998	<0.0004	18.8	1.3#0.20	<1
04/22/1998	<0.0004	21.258	1.2#0.2	<1.0
05/28/1998	<0.0004	20.919	1.0#0.2	<1.0
06/17/1998	<0.0004	15.165	1.1#0.1	<1.0
07/16/1998	<0.0004	19.36	1.0#0.2	1.7#1.5
08/19/1998	<0.0004	18.55	1.0#0.2	<1.0
09/17/1998	<0.0004	15.57	<0.2	<1.0
10/22/1998	<0.0004	12.80	0.9#0.2	<1.0
11/19/1998		13.00		
12/10/1998		12.32		
01/27/1999	<0.0004	9.749	1.4#0.1	1.9#0.2
02/24/1999		10.63		
03/24/1999		15.84		
04/08/1999		28.44		
05/12/1999	<0.0004	37.91	1.4#0.2	1.6#0.2
09/15/1999	<0.0004	35.2	0.7#0.2	3.0#0.3
11/17/1999	<0.0004	22.4	1.2#0.2	<1.0

Site : SHERWOOD
 Sample Type : MONITOR WELLS
 Sample Location: MW4
 Date Range : 01/01/1978 - 12/31/1999

Analytes: Tl D URD Ra_226 D Ra_228 D
 Units: mg/l pCi/l pCi/l pCi/l

***** BASIC STATISTICS *****

N of Cases :	55	135	123	56
Average :	2.411E-03	1.412E+01	2.473E+00	1.527E+00
Std. Dev. :	4.110E-03	1.364E+01	1.588E+01	8.241E-01
Variance :	1.690E-05	1.860E+02	2.522E+02	6.791E-01
Std. Err. :	5.542E-04	1.174E+00	1.432E+00	1.101E-01
Maximum :	1.500E-02	9.200E+01	1.770E+02	4.900E+00
Minimum :	4.000E-04	2.000E-01	0.000E+00	1.000E+00

***** STUDENT'S T STATISTIC *****

Student T :	3.000E+00	-5.949E+00	-4.454E+00	4.285E-01
Deg. Free :	6.000E+00	6.000E+00	6.000E+00	6.000E+00
2-Tail Sig :	2.401E-02	1.008E-03	4.309E-03	6.833E-01
S.E. Diff :	2.400E-03	3.868E+00	2.077E-01	9.919E-01
95%C.I.Dif :	1.327E-03	-3.248E+01	-1.433E+00	-2.002E+00
Cat 1 Mean :	7.600E-03	7.975E+00	2.500E-01	2.300E+00
S.D. :	4.800E-03	3.349E+00	2.517E-01	1.798E+00
S.E. Mean :	2.400E-03	1.675E+00	1.258E-01	8.991E-01
Cat 2 Mean :	4.000E-04	3.099E+01	1.175E+00	1.875E+00
S.D. :	0.000E+00	6.974E+00	3.304E-01	8.382E-01
S.E. Mean :	0.000E+00	3.487E+00	1.652E-01	4.191E-01

***** MANN-WHITNEY-U STATISTIC *****

U-Stat :	2.000E+00	0.000E+00	0.000E+00	7.500E+00
Signific :	-2.049E+00	-2.323E+00	-2.337E+00	-1.452E-01
P = Val 1T :	2.021E-02	1.008E-02	9.709E-03	4.423E-01
P = Val 2T :	4.042E-02	2.016E-02	1.942E-02	8.845E-01

***** LINEAR REGRESSION *****

Slope :	-3.165E-06	1.285E-03	-1.027E-03	-2.766E-04
Intercept :	4.869E-03	8.535E+00	7.031E+00	1.800E+00
R-square :	2.080E-01	5.628E-02	2.348E-02	4.818E-02
r :	-4.560E-01	2.372E-01	-1.532E-01	-2.195E-01
F :	1.392E+01	7.931E+00	2.909E+00	2.734E+00
P :	4.670E-04	5.600E-03	9.064E-02	1.041E-01

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	Thorium-230 (D) pCi/l
05/15/1978	0.3#0.4
06/15/1978	0.0#0.4
07/27/1978	0.3#0.4
08/30/1978	0.4#0.4
09/29/1978	0.2#0.6
12/15/1978	0.9
03/19/1979	151#2
06/21/1979	0.6#0.6
09/25/1979	0.0#0.8
11/30/1979	0.0#0.2
03/25/1980	0.0#0.2
04/28/1980	0.0#0.2
10/30/1980	0#0.2
01/28/1981	0.4#0.2
04/30/1981	0#0.2
07/30/1981	0#0.2
10/14/1981	0#0.2
03/15/1982	0.5#0.2
05/27/1982	3.4#0.2
07/14/1982	0#0.2
10/20/1982	0#0.2
05/16/1983	0#0.2
08/04/1983	0#0.2
10/13/1983	0#0.2
06/11/1985	0.00#0.1
09/26/1985	2.1#1.0
12/10/1985	0.7#0.8
03/11/1986	0.3#0.6
05/08/1986	1.2#1.1
09/25/1986	1.1#1.0
12/16/1986	2.1#1.3
03/24/1987	2.3#1.2
05/12/1987	0.8#0.9
09/23/1987	0.7#0.8
12/09/1987	0.6#0.5
03/22/1988	0.8#0.5
05/25/1988	1.1#0.6
09/28/1988	0.3#0.4
12/21/1988	0.7#0.5
03/22/1989	0.0#0.4
05/24/1989	1.0#0.5
09/27/1989	0.1#0.4
11/14/1989	1.4#0.6
03/06/1990	1.3#0.4
05/01/1990	0.8#0.4
09/26/1990	0.4#0.8
12/20/1990	0.2#0.5
03/21/1991	0.4#0.5
05/22/1991	<0.4
09/19/1991	<0.4
12/18/1991	0.4#0.3
03/19/1992	<0.4
05/27/1992	<0.2
09/29/1992	<0.2
12/29/1992	<0.2
03/31/1993	<0.2
05/26/1993	<1.0
09/30/1993	<1.0
10/27/1993	<1.0
11/17/1993	<1.0
12/14/1993	<1.0

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	Thorium-230 (D) pCi/l
01/19/1994	<1.0
02/16/1994	<0.2
03/22/1994	<0.2
04/19/1994	<0.2
05/17/1994	<0.2
06/29/1994	<1.0
07/20/1994	<1.0
08/24/1994	<1.0
09/21/1994	<0.2
10/19/1994	<0.2
11/22/1994	<0.2
12/20/1994	<0.2
01/26/1995	<0.2
02/28/1995	<0.2
03/29/1995	<0.2
04/20/1995	<0.2
05/02/1995	1.2#0.5
06/06/1995	<0.2
07/06/1995	<0.2
08/24/1995	<0.2
09/27/1995	<0.2
10/25/1995	<0.2
11/21/1995	<0.2
02/21/1996	<0.2
05/01/1996	<0.2
09/25/1996	<0.2
11/21/1996	<0.2
12/17/1996	<0.2
03/27/1997	<0.2
04/16/1997	<0.2
06/05/1997	<0.2
06/26/1997	<0.2
07/24/1997	<0.2
08/21/1997	<0.2
09/25/1997	<0.2
10/16/1997	<0.2
11/20/1997	<0.2
12/17/1997	<0.2
01/22/1998	<0.2
02/25/1998	<0.2
03/18/1998	<0.2
04/22/1998	<0.2
05/28/1998	<0.2
06/17/1998	<0.2
07/16/1998	<0.2
08/19/1998	<0.2
09/17/1998	<0.2
10/22/1998	<0.2
01/27/1999	<0.2
05/12/1999	<0.2
09/15/1999	<0.2
11/17/1999	<0.2

Site : SHERWOOD
Sample Type : MONITOR WELLS
Sample Location: MW4
Date Range : 01/01/1978 - 12/31/1999

Analytes: Th_230_D
Units: pCi/l

***** BASIC STATISTICS *****

N of Cases : 113
Average : 1.773E+00
Std. Dev. : 1.417E+01
Variance : 2.009E+02
Std. Err. : 1.333E+00
Maximum : 1.510E+02
Minimum : 0.000E+00

***** STUDENT'S T STATISTIC *****

Student T : 5.774E-01
Deg. Free : 6.000E+00
2-Tail Sig : 5.847E-01
S.E. Diff : 8.660E-02
95%C.I.Dif :-1.619E-01
Cat 1 Mean : 2.500E-01
S.D. : 1.732E-01
S.E. Mean : 8.660E-02
Cat 2 Mean : 2.000E-01
S.D. : 0.000E+00
S.E. Mean : 0.000E+00

***** MANN-WHITNEY-U STATISTIC *****

U-Stat : 4.000E+00
Signific :-1.239E+00
P = Val 1T : 1.077E-01
P = Val 2T : 2.155E-01

***** LINEAR REGRESSION *****

Slope :-1.069E-03
Intercept : 6.734E+00
R-square : 3.187E-02
r :-1.785E-01
F : 3.654E+00
P : 5.852E-02

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	SWL ft.
07/30/1984	1787.3
08/06/1984	1787.25
08/14/1984	1786.2
08/20/1984	1784.4
08/27/1984	1784.9
09/04/1984	1784.2
09/11/1984	1783.7
09/17/1984	1783.2
09/26/1984	1782.0
10/03/1984	1781.0
10/09/1984	1780.0
10/15/1984	1778.8
10/22/1984	1783.7
10/31/1984	1776.6
11/12/1984	1775.7
11/27/1984	1775.3
12/18/1984	1775.2
01/02/1985	1775.0
01/09/1985	1774.9
01/16/1985	1774.9
01/21/1985	1775.0
01/28/1985	1774.9
02/05/1985	1774.7
02/13/1985	1774.9
02/21/1985	1774.9
02/28/1985	1775.0
03/06/1985	1774.9
03/14/1985	1774.8
03/19/1985	1774.6
03/28/1985	1774.6
04/04/1985	1774.8
04/25/1985	1774.9
05/16/1985	1775.0
06/06/1985	1775.0
07/24/1985	1775.1
08/05/1985	1775.0
08/28/1985	1774.9
09/11/1985	1774.7
09/25/1985	1774.7
10/14/1985	1773.6
11/04/1985	1773.6
11/21/1985	1773.8
12/09/1985	1774.7
01/07/1986	1774.8
01/29/1986	1774.8
02/04/1986	1774.7
02/20/1986	1774.5
03/03/1986	1774.7
03/19/1986	1774.70
03/31/1986	1774.70
04/14/1986	1774.25
04/28/1986	1776.85
05/06/1986	1778.15
05/13/1986	1779.10
05/29/1986	1777.15
06/09/1986	1781.85
06/12/1986	1781.90
06/18/1986	1782.10
06/24/1986	1782.45
07/06/1986	1782.55
07/21/1986	1782.32

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	SWL ft.
08/04/1986	1781.60
08/11/1986	1781.05
08/27/1986	1779.25
09/08/1986	1777.50
09/16/1986	1776.45
09/29/1986	1775.05
10/13/1986	1774.60
10/27/1986	1774.60
11/03/1986	1774.65
11/20/1986	1774.65
12/02/1986	1774.65
12/11/1986	1774.70
12/29/1986	1774.80
01/14/1987	1774.80
01/21/1987	1774.90
02/04/1987	1774.95
02/18/1987	1775.00
03/05/1987	1775.05
03/16/1987	1775.05
03/31/1987	1775.05
04/13/1987	1775.10
04/27/1987	1775.15
05/11/1987	1775.05
05/28/1987	1775.15
06/09/1987	1775.10
06/23/1987	1774.95
07/09/1987	1774.90
07/15/1987	1774.85
07/27/1987	1774.85
08/10/1987	1774.80
08/24/1987	1774.80
09/10/1987	1774.75
09/21/1987	1774.70
10/07/1987	1774.85
10/22/1987	1774.75
11/05/1987	1774.75
11/09/1987	1774.70
11/24/1987	1774.65
12/07/1987	1774.65
12/21/1987	1774.65
01/07/1988	1774.70
01/19/1988	1774.75
02/09/1988	1774.65
02/18/1988	1774.65
03/01/1988	1774.75
03/17/1988	1774.80
03/31/1988	1774.75
04/11/1988	1774.85
04/27/1988	1774.75
05/09/1988	1774.70
05/23/1988	1774.75
06/07/1988	1774.70
06/20/1988	1774.75
06/29/1988	1774.65
07/12/1988	1774.70
07/18/1988	1774.60
08/02/1988	1774.65
08/16/1988	1774.70
08/29/1988	1774.80
09/13/1988	1774.75
09/26/1988	1774.75

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	SWL ft.
10/10/1988	1774.80
10/27/1988	1774.75
11/07/1988	1774.70
11/22/1988	1774.75
12/08/1988	1774.65
12/20/1988	1774.65
01/05/1989	1774.65
01/16/1989	1774.70
01/31/1989	1774.65
02/14/1989	1774.60
02/28/1989	1774.60
03/14/1989	1774.65
03/27/1989	1774.65
04/04/1989	1774.70
04/20/1989	1774.70
05/04/1989	1774.70
05/17/1989	1774.65
05/31/1989	1774.70
06/15/1989	1774.70
06/27/1989	1774.65
07/13/1989	1774.75
07/17/1989	1774.70
07/31/1989	1774.75
08/15/1989	1774.80
08/28/1989	1774.70
09/13/1989	1774.40
09/25/1989	1774.80
10/12/1989	1774.50
10/24/1989	1774.50
11/07/1989	1774.60
11/21/1989	1774.50
12/05/1989	1774.55
01/04/1990	1774.91
01/17/1990	1774.73
02/01/1990	1774.65
02/13/1990	1774.67
02/27/1990	1774.75
03/14/1990	1774.62
03/27/1990	1774.75
04/09/1990	1774.65
04/25/1990	1774.65
05/08/1990	1774.59
05/15/1990	1774.74
05/22/1990	1774.74
05/31/1990	1774.22
06/05/1990	1774.67
06/12/1990	1774.75
06/20/1990	1774.75
07/10/1990	1774.65
07/24/1990	1774.75
08/02/1990	1774.72
08/09/1990	1774.70
08/14/1990	1774.70
08/30/1990	1774.65
09/17/1990	1774.72
10/04/1990	1774.73
10/18/1990	1774.62
10/30/1990	1774.73
11/14/1990	1774.70
11/30/1990	1774.80
12/11/1990	1774.75

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	SWL ft.
12/27/1990	1774.80
01/09/1991	1774.80
01/23/1991	1774.85
02/07/1991	1774.80
02/20/1991	1774.75
03/07/1991	1774.85
03/19/1991	1774.80
04/04/1991	1774.80
04/15/1991	1774.80
04/30/1991	1774.75
05/14/1991	1774.70
05/30/1991	1774.70
06/11/1991	1774.80
06/24/1991	1774.80
07/09/1991	1774.80
07/24/1991	1774.75
08/06/1991	1774.75
08/19/1991	1774.80
08/29/1991	1774.75
09/10/1991	1774.75
09/23/1991	1774.75
10/09/1991	1774.70
10/21/1991	1774.85
11/04/1991	1774.80
11/19/1991	1774.80
12/02/1991	1774.75
12/17/1991	1774.80
12/30/1991	1774.75
01/13/1992	1774.8
01/27/1992	1774.9
02/10/1992	1774.8
02/24/1992	1774.8
03/10/1992	1775.0
03/27/1992	1774.9
04/06/1992	1774.8
04/20/1992	1774.9
05/04/1992	1774.9
05/20/1992	1774.7
06/02/1992	1774.7
06/18/1992	1774.7
07/02/1992	1774.8
07/16/1992	1774.8
07/27/1992	1774.8
08/10/1992	1774.7
08/25/1992	1774.8
09/08/1992	1774.7
09/21/1992	1774.7
10/09/1992	1774.6
10/20/1992	1774.6
10/27/1992	1774.9
11/04/1992	1774.8
11/10/1992	1774.7
11/16/1992	1774.7
12/04/1992	1774.7
12/16/1992	1774.8
12/28/1992	1774.8
01/15/1993	1774.34
01/28/1993	1774.44
02/12/1993	1774.34
02/26/1993	1774.34
03/10/1993	1774.44

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	SWL ft.
03/24/1993	1774.39
04/08/1993	1774.44
04/20/1993	1774.39
05/06/1993	1774.39
05/20/1993	1774.44
06/02/1993	1774.39
06/14/1993	1774.44
06/22/1993	1773.79
07/06/1993	1773.84
07/20/1993	1773.84
08/02/1993	1773.84
08/16/1993	1773.74
08/30/1993	1773.94
09/08/1993	1773.89
09/20/1993	1773.74
09/30/1993	1773.74
10/13/1993	1774.19
10/25/1993	1774.14
11/09/1993	1773.69
11/15/1993	1774.24
12/02/1993	1774.04
12/08/1993	1774.19
12/13/1993	1774.19
12/30/1993	1774.34
01/12/1994	1774.14
01/17/1994	1774.19
02/10/1994	1774.19
02/14/1994	1774.19
03/02/1994	1774.29
03/16/1994	1774.24
03/21/1994	1774.29
04/08/1994	1774.19
04/13/1994	1774.24
04/18/1994	1774.19
05/05/1994	1774.29
05/11/1994	1774.19
05/16/1994	1774.19
06/01/1994	1774.39
06/15/1994	1774.29
06/22/1994	1774.14
06/28/1994	1774.39
07/13/1994	1774.24
07/18/1994	1774.19
08/04/1994	1774.29
08/17/1994	1774.19
08/22/1994	1774.29
09/14/1994	1774.24
09/20/1994	1774.29
10/06/1994	1774.29
10/12/1994	1774.29
10/18/1994	1774.39
11/07/1994	1774.29
11/17/1994	1774.24
12/06/1994	1774.29
12/14/1994	1774.29
12/19/1994	1774.34
01/05/1995	1774.29
01/18/1995	1775.34
01/24/1995	1774.34
01/26/1995	1774.29
02/06/1995	1774.29

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	SWL ft.
02/21/1995	1774.29
02/28/1995	1774.34
03/14/1995	1774.29
03/22/1995	1774.29
03/27/1995	1774.29
03/29/1995	1774.34
04/13/1995	1774.29
04/17/1995	1774.29
04/20/1995	1774.24
04/26/1995	1774.44
05/01/1995	1774.49
05/16/1995	1774.54
05/31/1995	1777.14
06/05/1995	1777.59
06/13/1995	1778.39
06/22/1995	1779.14
06/29/1995	1779.79
07/17/1995	1780.69
07/25/1995	1780.79
08/08/1995	1780.19
08/16/1995	1779.69
08/22/1995	1778.99
09/06/1995	1776.74
09/20/1995	1775.04
09/26/1995	1774.69
10/03/1995	1774.54
10/17/1995	1774.44
10/24/1995	1774.44
11/09/1995	1774.09
11/15/1995	1774.49
11/20/1995	1774.49
12/29/1995	1774.49
01/10/1996	1774.50
02/15/1996	1774.60
02/20/1996	1774.55
03/25/1996	1774.70
04/11/1996	1775.40
04/24/1996	1776.90
04/30/1996	1777.90
05/06/1996	1778.75
06/25/1996	1780.50
07/18/1996	1780.50
08/28/1996	1778.70
09/19/1996	1776.45
09/23/1996	1776.05
10/30/1996	1774.40
11/18/1996	1772.89
12/11/1996	1772.29
12/16/1996	1772.49
01/09/1997	1772.29
02/05/1997	1772.39
03/24/1997	1780.79
03/25/1997	1780.99
03/26/1997	1781.19
03/27/1997	1781.14
03/31/1997	1781.89
04/03/1997	1782.69
04/07/1997	1783.19
04/08/1997	1783.64
04/15/1997	1785.37
04/16/1997	1785.72

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	SWL ft.
04/22/1997	1786.87
05/01/1997	1788.57
05/06/1997	1789.02
05/19/1997	1789.27
05/20/1997	1789.12
05/21/1997	1789.07
05/29/1997	1789.02
06/02/1997	1788.92
06/04/1997	1788.92
06/05/1997	1788.67
06/12/1997	1788.52
06/18/1997	1788.47
06/24/1997	1788.47
06/26/1997	1788.32
07/03/1997	1788.22
07/07/1997	1788.22
07/16/1997	1788.02
07/22/1997	1787.87
08/01/1997	1787.47
08/07/1997	1787.12
08/13/1997	1786.72
08/20/1997	1786.42
08/21/1997	1786.27
08/26/1997	1785.92
09/03/1997	1785.47
09/10/1997	1785.17
09/18/1997	1784.72
09/23/1997	1784.17
09/29/1997	1783.87
10/08/1997	1783.22
10/14/1997	1782.72
10/21/1997	1782.12
10/28/1997	1781.42
11/03/1997	1780.82
11/10/1997	1779.82
11/18/1997	1778.72
11/24/1997	1778.72
12/02/1997	1776.42
12/10/1997	1775.52
12/15/1997	1774.52
12/22/1997	1773.82
12/30/1997	1773.47
01/05/1998	1773.12
01/15/1998	1772.72
01/20/1998	1772.67
01/22/1998	1772.67
01/29/1998	1772.67
02/04/1998	1772.52
02/09/1998	1772.42
02/19/1998	1772.62
02/23/1998	1772.57
02/25/1998	1772.67
03/05/1998	1772.67
03/11/1998	1772.77
03/16/1998	1773.12
03/18/1998	1773.17
03/23/1998	1773.42
03/30/1998	1773.92
04/07/1998	1774.30
04/13/1998	1774.67
04/22/1998	1775.07

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	SWL ft.
05/13/1998	1775.37
05/20/1998	1775.32
05/26/1998	1775.22
05/28/1998	1775.07
06/03/1998	1774.92
06/15/1998	1774.57
06/17/1998	1774.37
06/22/1998	1774.27
06/29/1998	1773.92
07/09/1998	1773.72
07/16/1998	1773.52
07/22/1998	1773.37
07/28/1998	1773.32
08/06/1998	1773.17
08/13/1998	1772.92
08/17/1998	1772.62
08/19/1998	1772.52
08/26/1998	1772.57
08/31/1998	1772.47
09/08/1998	1772.42
09/15/1998	1772.42
09/23/1998	1772.42
09/30/1998	1772.47
10/07/1998	1772.42
10/15/1998	1772.47
10/20/1998	1772.32
11/03/1998	1772.37
11/24/1998	1772.27
12/01/1998	1772.52
12/08/1998	1772.27
12/17/1998	1772.47
12/30/1998	1772.42
01/05/1999	1772.47
01/11/1999	1772.47
01/19/1999	1772.47
01/25/1999	1772.42
02/03/1999	1772.47
02/09/1999	1772.52
02/18/1999	1772.47
02/22/1999	1772.52
03/02/1999	1772.62
03/08/1999	1773.12
03/15/1999	1773.92
03/22/1999	1774.97
03/30/1999	1776.62
04/05/1999	1777.62
04/14/1999	1779.07
04/22/1999	1780.17
04/26/1999	1780.67
05/04/1999	1781.32
05/10/1999	1781.82
05/18/1999	1782.22
05/26/1999	1782.37
06/03/1999	1782.37
06/07/1999	1782.32
06/17/1999	1782.07
06/21/1999	1781.87
07/06/1999	1781.35
07/14/1999	1780.77
07/19/1999	1780.22
07/26/1999	1779.82

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW4

Sample Date	SWL ft.
08/02/1999	1779.47
08/09/1999	1778.82
08/17/1999	1777.87
08/23/1999	1776.97
09/02/1999	1775.92
09/08/1999	1775.42
09/13/1999	1774.87
09/15/1999	1774.67
09/20/1999	1774.22
09/28/1999	1773.92
10/04/1999	1773.42
10/13/1999	1772.97
10/20/1999	1772.82
11/02/1999	1772.57
11/15/1999	1772.52
11/22/1999	1772.52
12/07/1999	1772.52
12/20/1999	1772.57
12/27/1999	1772.52

Site : SHERWOOD
Sample Type : MONITOR WELLS
Sample Location: MW4
Date Range : 01/01/1978 - 12/31/1999

Analytes: SWL
Units: ft.

***** BASIC STATISTICS *****

N of Cases : 507
Average : 1.776E+03
Std. Dev. : 3.904E+00
Variance : 1.524E+01
Std. Err. : 1.734E-01
Maximum : 1.789E+03
Minimum : 1.772E+03

***** STUDENT'S T STATISTIC *****

Student T : 2.027E+01
Deg. Free : 6.000E+00
2-Tail Sig : 9.358E-07
S.E. Diff : 6.785E-01
95%C.I.Dif : 1.209E+01
Cat 1 Mean : 1.786E+03
S.D. : 1.357E+00
S.E. Mean : 6.783E-01
Cat 2 Mean : 1.773E+03
S.D. : 2.500E-02
S.E. Mean : 1.250E-02

***** MANN-WHITNEY-U STATISTIC *****

U-Stat : 0.000E+00
Signific :-2.366E+00
P = Val 1T : 8.980E-03
P = Val 2T : 1.796E-02

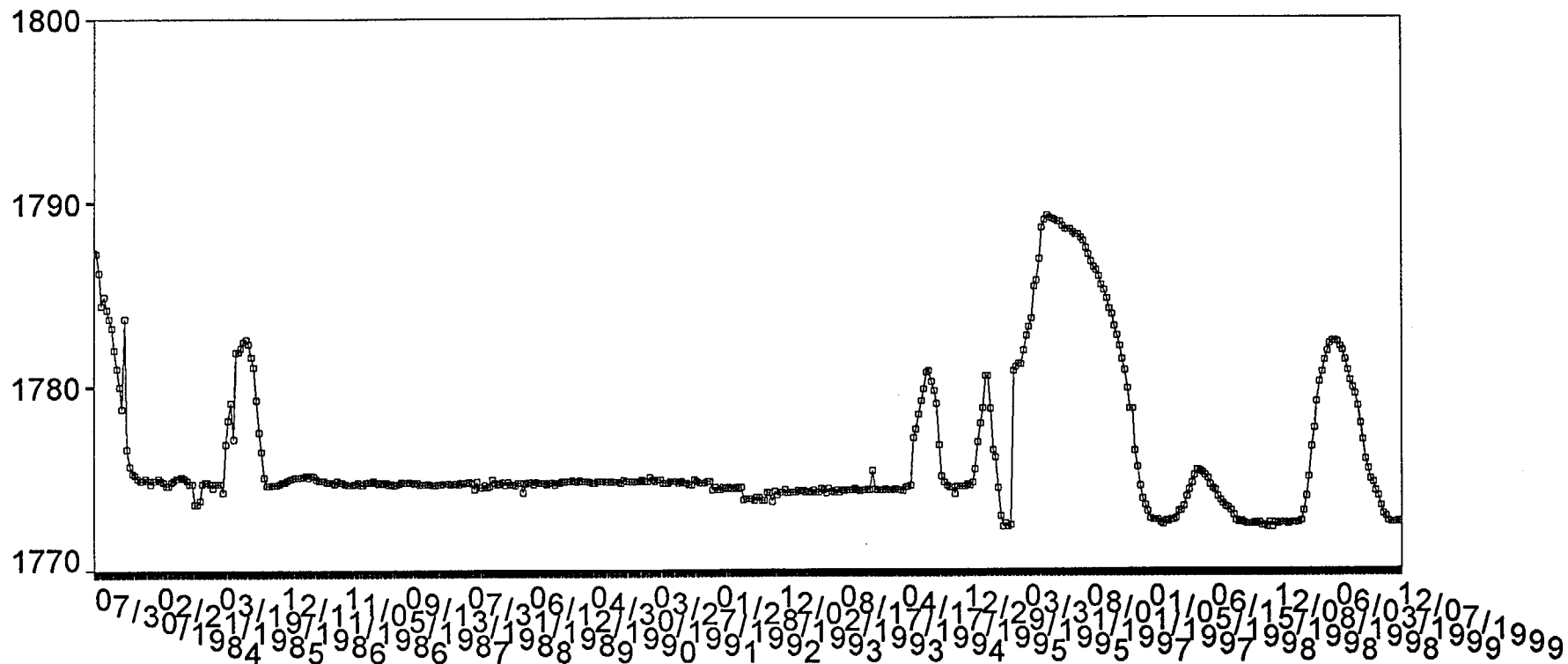
***** LINEAR REGRESSION *****

Slope : 2.194E-04
Intercept : 1.775E+03
R-square : 9.255E-03
r : 9.620E-02
F : 4.718E+00
P : 3.032E-02

MONITOR WELLS

SHERWOOD : MW4

ANALYTE: SWL (ft)

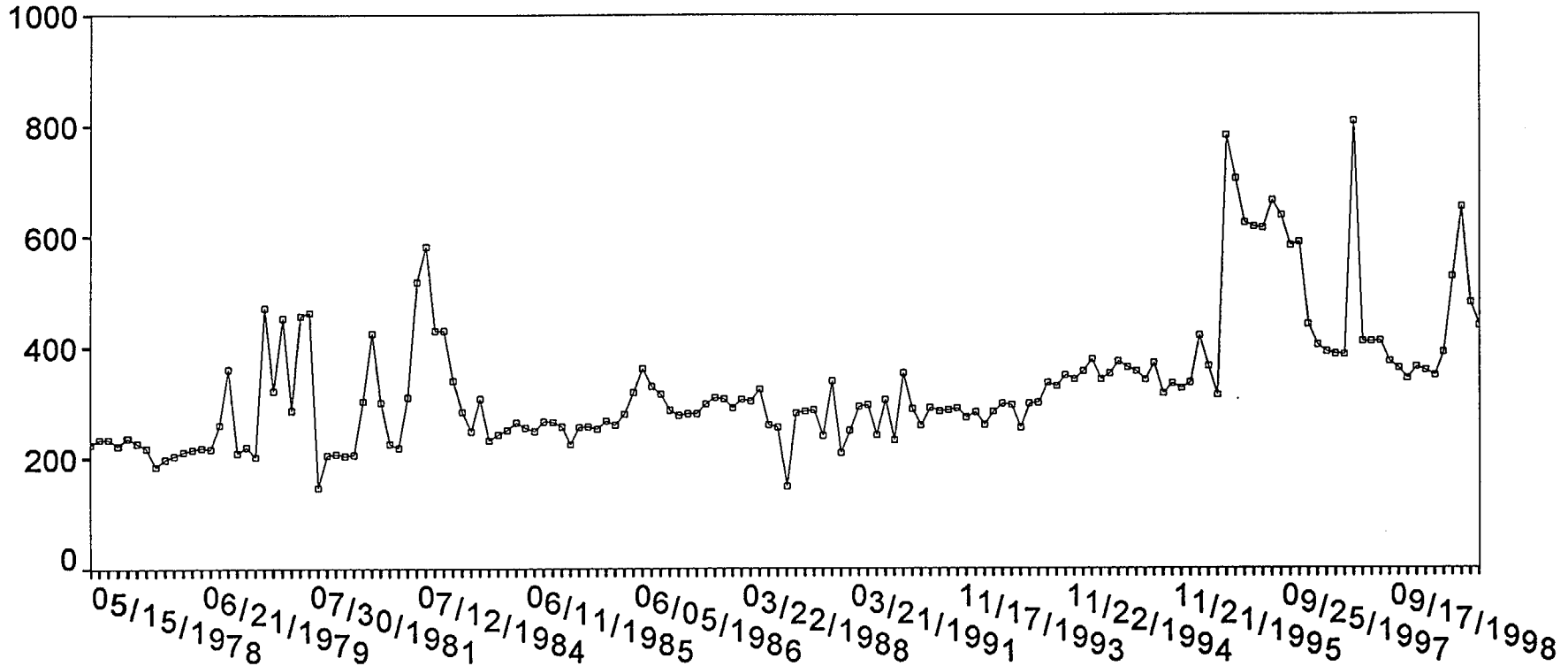


Run Chart - Raw Data

MONITOR WELLS

SHERWOOD : MW4

ANALYTE: TDS (mg/l)

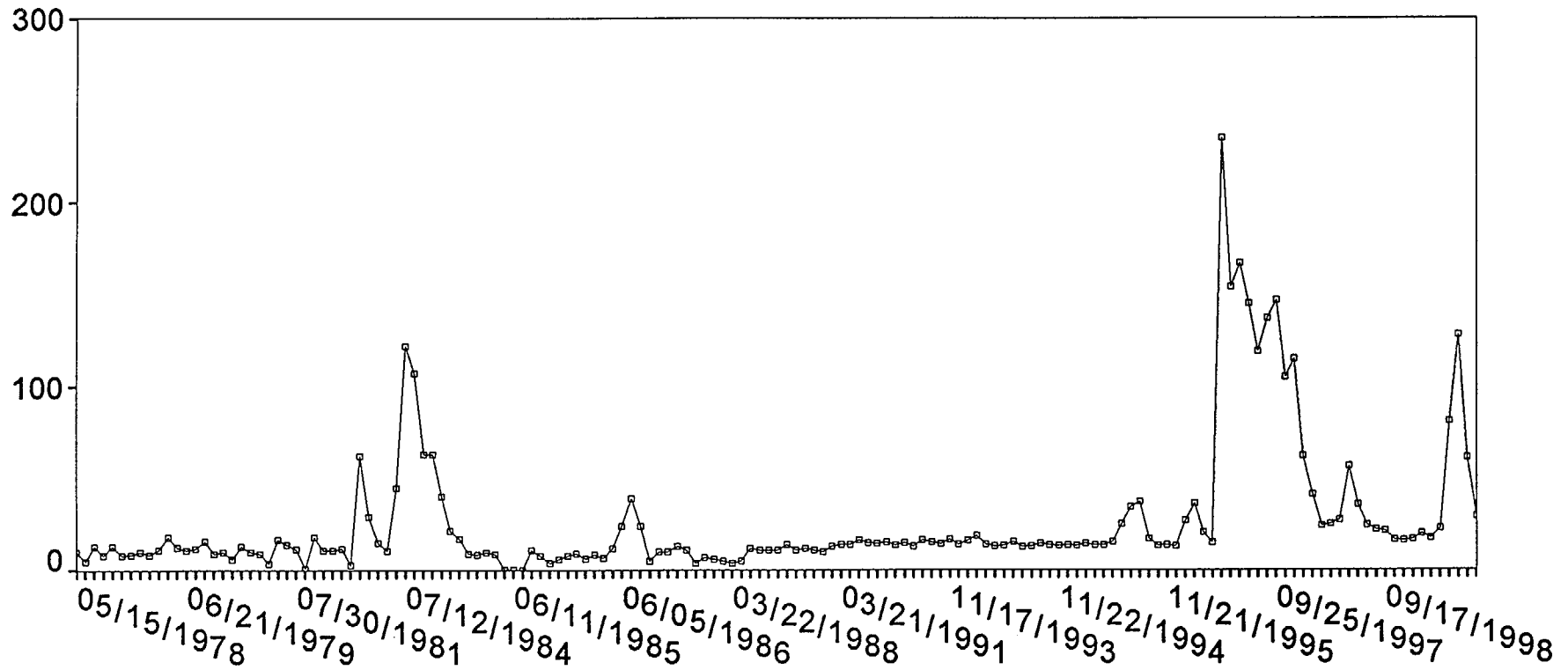


Run Chart - Raw Data

MONITOR WELLS

SHERWOOD : MW4

ANALYTE: SO4 (mg/l)

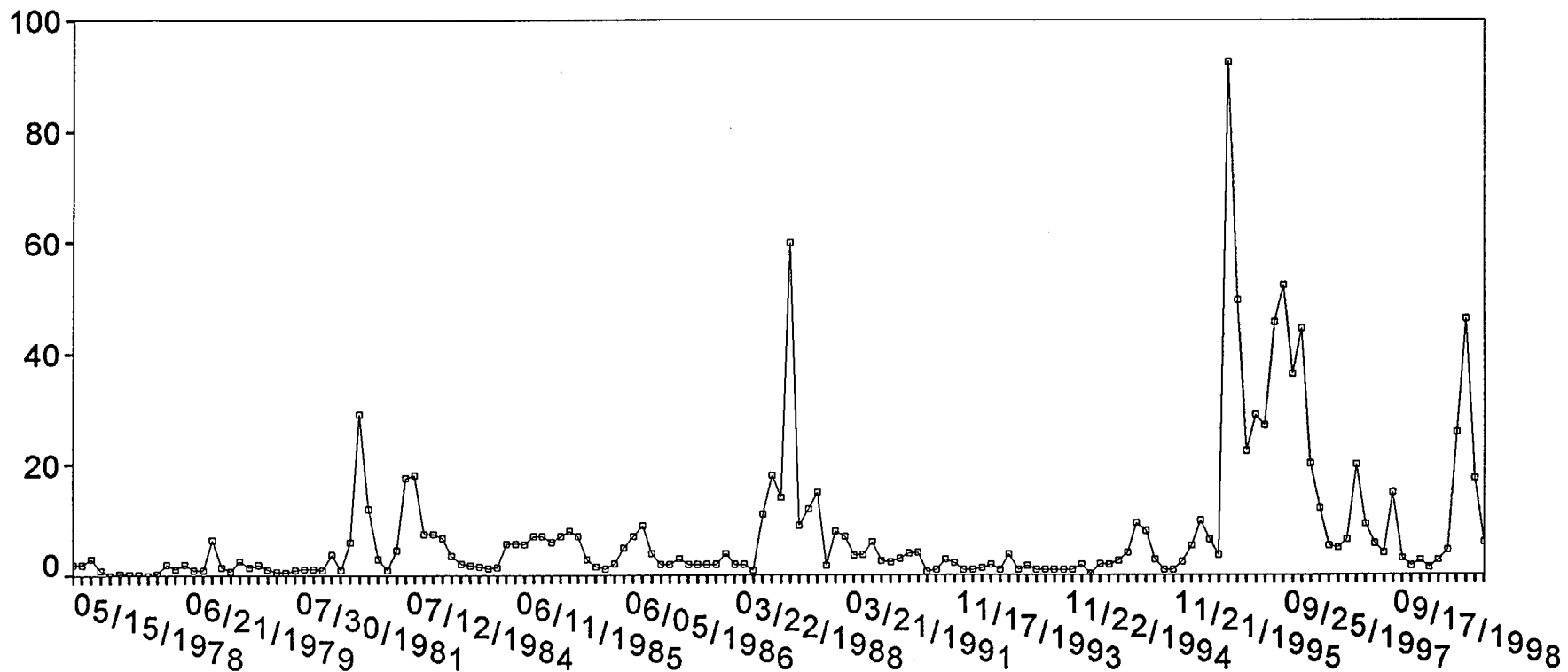


Run Chart - Raw Data

MONITOR WELLS

SHERWOOD : MW4

ANALYTE: Cl (mg/l)

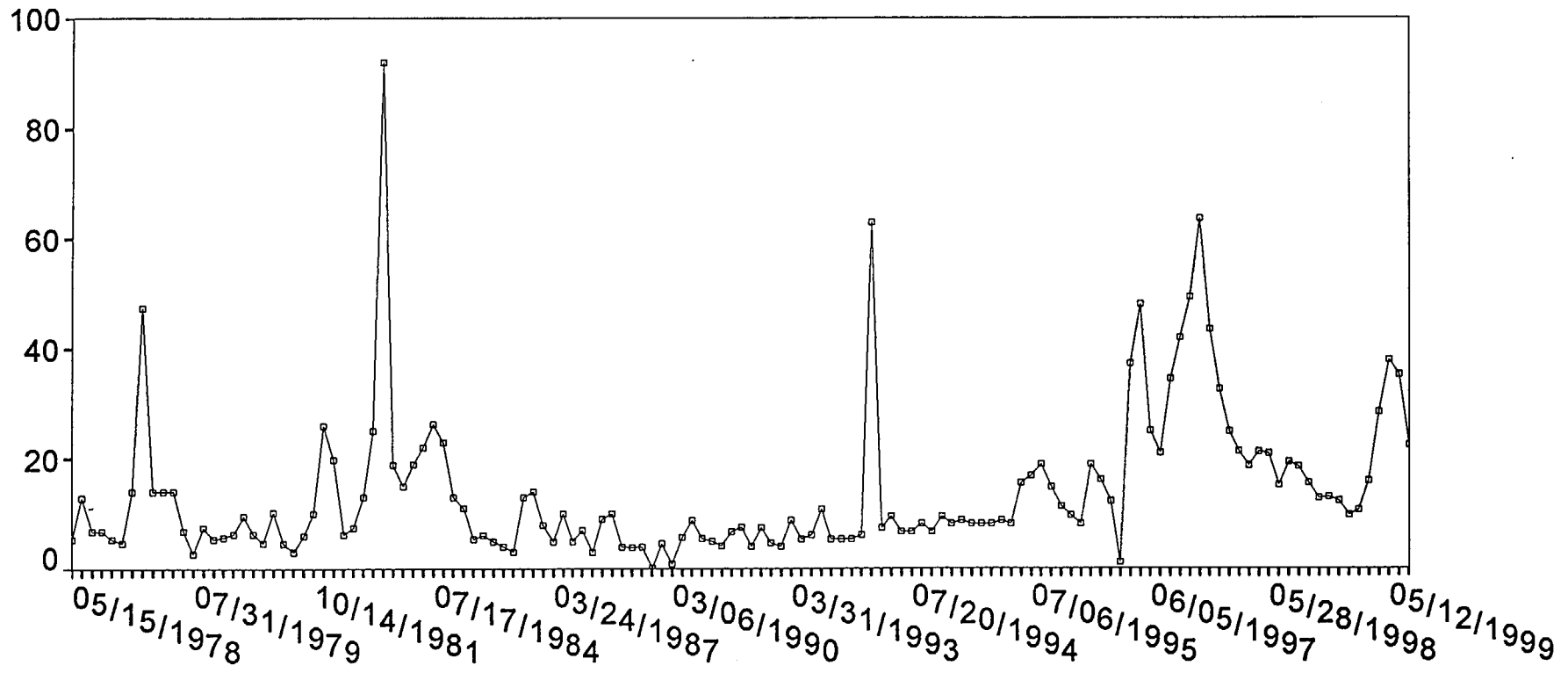


Run Chart - Raw Data

MONITOR WELLS

SHERWOOD : MW4

ANALYTE: URD (pCi/l)



Run Chart - Raw Data

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW10

Sample Date	Calcium (D) mg/l	Magnesium (D) mg/l	Sodium (D) mg/l	Potassium (D) mg/l
09/29/1993	128	84.5	22.0	6.8
10/27/1993	129	87.8	23.4	6.8
11/17/1993	129	87.0	20.0	6.9
12/14/1993	110	92.5	22.1	6.8
01/19/1994	119	82.0	22.4	6.4
02/16/1994	128	90.1	22.8	6.6
03/22/1994	126	79.3	23.0	6.5
04/19/1994	125	83.1	23.7	6.1
05/17/1994	122	96.4	20.3	6.7
06/29/1994	109	85.1	19.2	5.8
07/20/1994	119	89.7	20.4	7.6
08/24/1994	123	92.4	20.7	6.7
09/21/1994	132	96.3	23.6	7.4
10/19/1994	128	91.8	23.9	7.4
11/22/1994	137	82.0	23.0	7.7
12/20/1994	139	80.0	23.0	7.1
01/26/1995	143	101	23.6	8.0
02/28/1995	137	101	23.0	7.7
03/29/1995	131	99.0	23.0	7.7
04/20/1995	142	98.0	23.0	7.8
05/02/1995	133	101	23.0	7.7
06/06/1995	130	98.0	22.4	7.7
07/06/1995	126	96.0	23.0	8.0
08/24/1995	131	91.0	23.0	7.6
09/27/1995	126	93.9	22.1	7.7
10/25/1995	121	89.3	21.5	7.4
11/21/1995	141	97.0	21.9	7.5
02/21/1996	132	98.0	22.6	8.0
05/01/1996	134	96.4	23.5	8.0
09/25/1996	124	90.4	22.9	8.2
11/21/1996	125	96.1	23.2	8.0
03/27/1997	130	93.4	22.1	7.5
05/22/1997	132	94.4	23.5	8.1
06/26/1997	130	94.3	22.9	8.1
07/24/1997	129	92.4	24.2	8.0
08/21/1997	137	96.2	23.4	8.2
09/25/1997	128	90.3	22.0	7.6
10/16/1997	133	92.2	22.6	7.7
11/20/1997	135	93	23	8
12/17/1997	135	96	22.9	7.9
01/22/1998	134	93.8	23.5	7.8
02/25/1998	140	97.0	22.5	7.9
03/18/1998	128	93.2	23.4	7.9
04/22/1998	123	89.0	24.0	8.0
05/28/1998	133	97.1	24.0	8.2
06/17/1998	129	95.4	22.7	8.2
07/16/1998	135	95.2	23.5	8.1
08/19/1998	124	90.6	22.7	8.1
09/17/1998	128	94.4	24.0	8.3
10/22/1998	126	94.6	22.7	8.5
01/27/1999	127	92.7	22.1	8.1
05/12/1999	132	95.0	23.0	8.0
09/15/1999	122	93.4	22.6	7.7
11/17/1999	117	91.8	21.4	7.7

Site : SHERWOOD
 Sample Type : MONITOR WELLS
 Sample Location: MW10
 Date Range : 01/01/1978 - 12/31/1999

Analytes:	Ca	Mg	Na	K
Units:	mg/l	mg/l	mg/l	mg/l

***** BASIC STATISTICS *****

N of Cases :	54	54	54	54
Average :	1.290E+02	9.262E+01	2.266E+01	7.591E+00
Std. Dev. :	7.060E+00	5.162E+00	1.044E+00	6.054E-01
Variance :	4.985E+01	2.665E+01	1.089E+00	3.665E-01
Std. Err. :	9.608E-01	7.025E-01	1.420E-01	8.239E-02
Maximum :	1.430E+02	1.010E+02	2.420E+01	8.500E+00
Minimum :	1.090E+02	7.930E+01	1.920E+01	5.800E+00

***** STUDENT'S T STATISTIC *****

Student T :	-8.805E-02	-2.925E+00	-5.116E-01	-9.899E+00
Deg. Free :	6.000E+00	6.000E+00	6.000E+00	6.000E+00
2-Tail Sig :	9.327E-01	2.645E-02	6.272E-01	6.135E-05
S.E. Diff :	5.679E+00	1.803E+00	7.818E-01	1.061E-01
95%C.I.Dif :	-1.440E+01	-9.687E+00	-2.313E+00	-1.310E+00
Cat 1 Mean :	1.240E+02	8.795E+01	2.188E+01	6.825E+00
S.D. :	9.345E+00	3.343E+00	1.403E+00	5.000E-02
S.E. Mean :	4.673E+00	1.672E+00	7.016E-01	2.500E-02
Cat 2 Mean :	1.245E+02	9.323E+01	2.228E+01	7.875E+00
S.D. :	6.455E+00	1.352E+00	6.898E-01	2.062E-01
S.E. Mean :	3.227E+00	6.762E-01	3.449E-01	1.031E-01

***** MANN-WHITNEY-U STATISTIC *****

U-Stat :	7.000E+00	1.000E+00	6.500E+00	0.000E+00
Signific :	-2.904E-01	-2.021E+00	-4.356E-01	-2.381E+00
P = Val 1T :	3.858E-01	2.165E-02	3.316E-01	8.624E-03
P = Val 2T :	7.715E-01	4.331E-02	6.631E-01	1.725E-02

***** LINEAR REGRESSION *****

Slope :	1.225E-03	2.548E-03	4.589E-04	6.648E-04
Intercept :	1.278E+02	9.013E+01	2.222E+01	6.940E+00
R-square :	1.328E-02	1.075E-01	8.529E-02	5.321E-01
r :	1.152E-01	3.279E-01	2.920E-01	7.295E-01
F :	6.997E-01	6.265E+00	4.849E+00	5.914E+01
P :	4.067E-01	1.550E-02	3.213E-02	1.108E-10

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW10

Sample Date	Carbonate mg/l	Bicarbonate mg/l	Sulfate (D) mg/l	Chloride (D) mg/l
09/29/1993	0	861	17.4	1.3
10/27/1993	0	916	16.0	2.18
11/17/1993	0	883	18.7	1.9
12/14/1993	0	859	16.6	<1.0
01/19/1994	0	865	18.6	<1.0
02/16/1994	0	827	19.3	0.7
03/22/1994	0	869	16.6	1.3
04/19/1994	0	803	15.4	<1.0
05/17/1994	0	816	15.4	1.7
06/29/1994	0	817	16.9	<1.0
07/20/1994	0	863	15.5	1.35
08/24/1994	0	858	15.6	<1.0
09/21/1994		903	16.2	<1.0
10/19/1994	0	888	16.0	<1.0
11/22/1994	0	899	16.3	<1.0
12/20/1994	0	910	16.3	<1.0
01/26/1995	0	903	18.4	1.9
02/28/1995	0	895	17.2	0.30
03/29/1995	0	905	16.7	1.7
04/20/1995	0	932	16.6	1.4
05/02/1995	0	906	19.9	2.0
06/06/1995			17.6	2.4
07/06/1995	0	914	18.0	3.0
08/24/1995	0	932	18.7	<1.0
09/27/1995	0	932	17.9	<1.0
10/25/1995	0	925	17.8	<1.0
11/21/1995	0	925	18.6	<1.0
02/21/1996	0	927	21.3	1.8
05/01/1996	0	919	18.8	<1.0
09/25/1996	0	902	20.4	3.4
11/21/1996	0	915	18.8	2.3
03/27/1997	0	925	22.9	2.0
05/22/1997	0	920	20.1	<1.0
06/26/1997	0	924	22.2	<1.0
07/24/1997	0	921	23.1	2.5
08/21/1997	0	911	21.4	<1.0
09/25/1997	0	913	22.0	<1.0
10/16/1997	<0.10	915	22.0	<1.0
11/20/1997	<0.1	915	21.7	2.5
12/17/1997	<1	900	21.9	<1
01/22/1998	<0.10	900	22.1	<1.0
02/25/1998	<0.10	897	22.6	<1.0
03/18/1998	<0.1	893	22.5	<1
04/22/1998	<1.0	892	22.9	<1.0
05/28/1998	<1.0	895	23.2	<1.0
06/17/1998	<1.0	893	24.0	<1.0
07/16/1998	<1.0	878	24.0	1.4
08/19/1998	<1.0	896	23.0	<1.0
09/17/1998	<1.0	899	23.4	<1.0
10/22/1998	<1.0	889	22.9	<1.0
11/19/1998			23.4	<1.0
12/10/1998			23.0	<1.0
01/27/1999	<1.0	856	23.7	<1.0
02/24/1999			25.1	1.4
03/24/1999			24.2	1.0
04/08/1999			24.3	1.0
05/12/1999	<1.0	874	24.9	<1.0
09/15/1999	<1.0	827	25.4	1.7
11/17/1999	<1.0	862	25.7	<1.0

Site : SHERWOOD
 Sample Type : MONITOR WELLS
 Sample Location: MW10
 Date Range : 01/01/1978 - 12/31/1999

Analytes:	CO3	HCO3	SO4	Cl
Units:	mg/l	mg/l	mg/l	mg/l

***** BASIC STATISTICS *****

N of Cases :	52	53	59	59
Average :	2.404E-01	8.918E+02	2.019E+01	1.324E+00
Std. Dev. :	4.211E-01	3.203E+01	3.151E+00	5.900E-01
Variance :	1.774E-01	1.026E+03	9.930E+00	3.481E-01
Std. Err. :	5.840E-02	4.399E+00	4.103E-01	7.682E-02
Maximum :	1.000E+00	9.320E+02	2.570E+01	3.400E+00
Minimum :	0.000E+00	8.030E+02	1.540E+01	3.000E-01

***** STUDENT'S T STATISTIC *****

Student T :	.	1.507E+00	-1.198E+01	1.305E+00
Deg. Free :	.	6.000E+00	6.000E+00	6.000E+00
2-Tail Sig :	.	1.825E-01	2.047E-05	2.398E-01
S.E. Diff :	.	1.659E+01	6.592E-01	3.219E-01
95%C.I.Dif :	.	-1.559E+01	-9.513E+00	-3.678E-01
Cat 1 Mean :	0.000E+00	8.798E+02	1.717E+01	1.595E+00
S.D. :	0.000E+00	2.650E+01	1.167E+00	5.405E-01
S.E. Mean :	0.000E+00	1.325E+01	5.836E-01	2.702E-01
Cat 2 Mean :	1.000E+00	8.548E+02	2.508E+01	1.175E+00
S.D. :	0.000E+00	1.996E+01	6.131E-01	3.500E-01
S.E. Mean :	0.000E+00	9.978E+00	3.065E-01	1.750E-01

***** MANN-WHITNEY-U STATISTIC *****

U-Stat :	0.000E+00	4.000E+00	0.000E+00	3.500E+00
Signific :	-2.646E+00	-1.155E+00	-2.309E+00	-1.384E+00
P = Val 1T :	4.075E-03	1.241E-01	1.046E-02	8.317E-02
P = Val 2T :	8.151E-03	2.482E-01	2.092E-02	1.663E-01

***** LINEAR REGRESSION *****

Slope :	4.625E-04	8.460E-03	4.268E-03	-1.100E-04
Intercept :	-2.209E-01	8.834E+02	1.566E+01	1.441E+00
R-square :	5.404E-01	3.120E-02	8.780E-01	1.664E-02
r :	7.351E-01	1.766E-01	9.370E-01	-1.290E-01
F :	5.878E+01	1.643E+00	4.100E+02	9.643E-01
P :	1.492E-10	2.058E-01	0.000E+00	3.303E-01

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW10

Sample Date	TDS mg/l	Alk CaCO3 mg/l	SiO2 (D) mg/l	pH Lab s.u.
09/29/1993	740	706		7.86
10/27/1993	740	751		7.54
11/17/1993	727	724		7.45
12/14/1993	711	704	30.6	7.46
01/19/1994	718	709	31.9	7.5
02/16/1994	642	678	28.2	
03/22/1994	707	712	30.0	7.52
04/19/1994	664	658	33.2	7.4
05/17/1994	634	669	33.0	7.52
06/29/1994	638	670	30.2	
07/20/1994	654	707	29.8	
08/24/1994	684	703	30.3	7.53
09/21/1994	737	740	29.0	7.70
10/19/1994	718	728	28.0	7.88
11/22/1994	693	737	28.7	7.83
12/20/1994	708	746	29.0	7.83
01/26/1995	710	740	29.5	7.39
02/28/1995	722	734	27.5	7.66
03/29/1995	754	742	27.0	7.57
04/20/1995	711	764	25.9	7.81
05/02/1995	776	743	27.6	7.72
06/06/1995	770	719	27.7	7.83
07/06/1995	763	749	27.3	7.92
08/24/1995	742	764	25.5	7.33
09/27/1995	777	764	27.1	7.46
10/25/1995	753	758	26.5	7.74
11/21/1995	757	758	27.0	7.85
02/21/1996	716	760	25.6	7.65
05/01/1996	741	753	26.9	7.73
09/25/1996	786	739	26.4	8.02
11/21/1996	753	750	26.6	7.97
03/27/1997	681	758	25.1	7.77
05/22/1997	788	754	28.6	7.81
06/26/1997	736	757	26.1	7.90
07/24/1997	754	755	25.6	7.92
08/21/1997	760	747	27.0	8.00
09/25/1997	740	748	26.3	8.00
10/16/1997	775	750	27.4	7.99
11/20/1997	759	750	26	7.86
12/17/1997	737	738	27.6	7.79
01/22/1998	750	738	27.3	
02/25/1998	736	735	25.6	
03/18/1998	722	732	25.8	
04/22/1998	744	731	27.0	
05/28/1998	759	734	26.7	
06/17/1998	735	732	26.6	
07/16/1998	758	720	27.0	
08/19/1998	757	734	25.0	
09/17/1998	767	737	26.4	
10/22/1998	740	729	26.2	
11/19/1998	718			7.33
12/10/1998	710			7.68
01/27/1999	717	702	28.7	
02/24/1999	686			7.27
03/24/1999	690			7.40
04/08/1999	724			7.40
05/12/1999	741	717	25.5	
09/15/1999	706	678		7.98
11/17/1999	698	707	25.4	7.76

Site : SHERWOOD
Sample Type : MONITOR WELLS
Sample Location: MW10
Date Range : 01/01/1978 - 12/31/1999

Analytes:	TDS	ALK	SIO2	pH_L
Units:	mg/l	mg/l	mg/l	s.u.
***** BASIC STATISTICS *****				
N of Cases :	59	54	50	44
Average :	7.277E+02	7.308E+02	2.758E+01	7.694E+00
Std. Dev. :	3.603E+01	2.601E+01	1.954E+00	2.176E-01
Variance :	1.298E+03	6.764E+02	3.817E+00	4.736E-02
Std. Err. :	4.691E+00	3.539E+00	2.763E-01	3.281E-02
Maximum :	7.880E+02	7.640E+02	3.320E+01	8.020E+00
Minimum :	6.340E+02	6.580E+02	2.500E+01	7.270E+00

***** STUDENT'S T STATISTIC *****				
Student T :	1.037E+00	1.481E+00	3.422E+00	-3.337E-01
Deg. Free :	6.000E+00	6.000E+00	6.000E+00	6.000E+00
2-Tail Sig :	3.399E-01	1.892E-01	1.411E-02	7.500E-01
S.E. Diff :	1.182E+01	1.368E+01	1.088E+00	1.723E-01
95%C.I.Dif :	-1.667E+01	-1.322E+01	1.062E+00	-4.792E-01
Cat 1 Mean :	7.295E+02	7.213E+02	3.018E+01	7.578E+00
S.D. :	1.377E+01	2.178E+01	1.537E+00	1.926E-01
S.E. Mean :	6.886E+00	1.089E+01	7.685E-01	9.630E-02
Cat 2 Mean :	7.173E+02	7.010E+02	2.645E+01	7.635E+00
S.D. :	1.921E+01	1.655E+01	1.542E+00	2.858E-01
S.E. Mean :	9.604E+00	8.276E+00	7.708E-01	1.429E-01

***** MANN-WHITNEY-U STATISTIC *****				
U-Stat :	5.000E+00	4.000E+00	1.000E+00	7.000E+00
Signific :	-8.712E-01	-1.155E+00	-2.021E+00	-2.904E-01
P = Val 1T :	1.918E-01	1.241E-01	2.165E-02	3.858E-01
P = Val 2T :	3.836E-01	2.482E-01	4.331E-02	7.715E-01

***** LINEAR REGRESSION *****				
Slope :	1.399E-02	7.149E-03	-2.110E-03	5.548E-05
Intercept :	7.128E+02	7.238E+02	2.955E+01	7.642E+00
R-square :	7.220E-02	3.334E-02	4.565E-01	2.848E-02
r :	2.687E-01	1.826E-01	-6.756E-01	1.688E-01
F :	4.436E+00	1.793E+00	4.032E+01	1.231E+00
P :	3.961E-02	1.864E-01	6.626E-08	2.735E-01

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW10

Sample Date	Arsenic (D) mg/l	Iron (D) mg/l	Nickel (D) mg/l	Zinc (D) mg/l
09/29/1993		<0.05	<0.05	
10/27/1993		<0.05	<0.05	
11/17/1993		<0.05	<0.05	
12/14/1993		<0.05	<0.05	
01/19/1994	<0.001	<0.05	<0.05	0.10
02/16/1994	0.001	<0.05	<0.05	0.07
03/22/1994	<0.001	<0.05	<0.05	0.06
04/19/1994	<0.001	<0.05	<0.05	0.03
05/17/1994	<0.001	<0.05	<0.05	0.04
06/29/1994	0.001	<0.05	<0.05	0.03
07/20/1994	0.001	<0.05	<0.05	0.04
08/24/1994	<0.001	<0.05	<0.01	0.03
09/21/1994	<0.001	<0.05	<0.01	0.03
10/19/1994	0.001	<0.05	<0.01	<0.01
11/22/1994	<0.001	<0.05	<0.05	0.03
12/20/1994	<0.001	<0.05	<0.05	0.04
01/26/1995	0.001	<0.01	<0.01	<0.01
02/28/1995	<0.001	<0.01	<0.01	<0.01
03/29/1995	<0.001	<0.01	<0.01	0.02
04/20/1995	<0.001	<0.01	<0.01	0.03
05/02/1995	0.001	<0.01	<0.01	0.02
06/06/1995	<0.001	<0.01	<0.01	0.03
07/06/1995	0.001	<0.01	<0.01	0.02
08/24/1995	<0.001	<0.05	<0.05	0.01
09/27/1995	0.001	0.01	<0.01	0.02
10/25/1995	<0.001	<0.01	<0.01	0.01
11/21/1995	<0.001	<0.01	<0.01	0.02
02/21/1996	0.002	0.01	<0.01	<0.01
05/01/1996	<0.001	<0.01	<0.01	0.02
09/25/1996	<0.001	0.01	<0.01	<0.01
11/21/1996	<0.001	<0.05	<0.05	0.01
03/27/1997	<0.001	<0.10	<0.01	0.01
05/22/1997	0.002	<0.01	<0.01	<0.01
06/26/1997	0.001	<0.01	<0.01	0.02
07/24/1997	<0.001	<0.01	<0.01	<0.01
08/21/1997	<0.001	<0.01	<0.01	0.02
09/25/1997	<0.001	0.01	<0.01	0.02
10/16/1997	<0.001	<0.01	<0.01	0.01
11/20/1997	<0.001	<0.01	<0.01	0.02
12/17/1997	0.002	<0.01	<0.01	<0.01
01/22/1998	0.002	<0.01	<0.01	<0.01
02/25/1998	0.002	<0.01	<0.01	0.02
03/18/1998	0.002	<0.01	<0.01	<0.01
04/22/1998	0.002	<0.01	<0.01	<0.01
05/28/1998	0.002	<0.01	<0.01	<0.01
06/17/1998	0.002	<0.01	<0.01	0.01
07/16/1998	0.001	<0.01	<0.01	0.02
08/19/1998	0.002	<0.01	<0.01	0.02
09/17/1998	0.002	<0.01	<0.01	0.01
10/22/1998	0.002	<0.01	<0.01	<0.01
11/19/1998			<0.05	
12/10/1998			<0.05	
01/27/1999	0.002	<0.01	<0.01	0.02
02/24/1999			<0.01	
03/24/1999			<0.01	
04/08/1999			<0.01	
05/12/1999	0.002	<0.01	<0.01	0.01
09/15/1999	0.002	<0.01	<0.01	0.02
11/17/1999	0.001	<0.01	<0.01	0.01

Site : SHERWOOD
Sample Type : MONITOR WELLS
Sample Location: MW10
Date Range : 01/01/1978 - 12/31/1999

Analytes: As D Fe D Ni D Zn D
Units: mg/l mg/l mg/l mg/l

***** BASIC STATISTICS *****

N of Cases :	50	54	59	50
Average :	1.300E-03	2.500E-02	2.153E-02	2.160E-02
Std. Dev. :	4.629E-04	2.161E-02	1.827E-02	1.719E-02
Variance :	2.143E-07	4.670E-04	3.338E-04	2.953E-04
Std. Err. :	6.547E-05	2.941E-03	2.379E-03	2.430E-03
Maximum :	2.000E-03	1.000E-01	5.000E-02	1.000E-01
Minimum :	1.000E-03	1.000E-02	1.000E-02	1.000E-02

***** STUDENT'S T STATISTIC *****

Student T	:-3.000E+00	.	.	3.397E+00
Deg. Free	: 6.000E+00	.	.	6.000E+00
2-Tail Sig	: 2.401E-02	.	.	1.455E-02
S.E. Diff	: 2.500E-04	.	.	1.472E-02
95%C.I.Dif	:-1.362E-03	.	.	1.398E-02
Cat 1 Mean	: 1.000E-03	5.000E-02	5.000E-02	6.500E-02
S.D.	: 0.000E+00	0.000E+00	0.000E+00	2.887E-02
S.E. Mean	: 0.000E+00	0.000E+00	0.000E+00	1.443E-02
Cat 2 Mean	: 1.750E-03	1.000E-02	1.000E-02	1.500E-02
S.D.	: 5.000E-04	0.000E+00	0.000E+00	5.774E-03
S.E. Mean	: 2.500E-04	0.000E+00	0.000E+00	2.887E-03

***** MANN-WHITNEY-U STATISTIC *****

U-Stat	: 2.000E+00	0.000E+00	0.000E+00	0.000E+00
Signific	:-2.049E+00	-2.646E+00	-2.646E+00	-2.337E+00
P = Val 1T	: 2.021E-02	4.075E-03	4.075E-03	9.709E-03
P = Val 2T	: 4.042E-02	8.151E-03	8.151E-03	1.942E-02

***** LINEAR REGRESSION *****

Slope	: 4.846E-07	-1.979E-05	-1.436E-05	-1.566E-05
Intercept	: 8.436E-04	4.436E-02	3.676E-02	3.635E-02
R-square	: 4.378E-01	3.700E-01	2.954E-01	3.316E-01
r	: 6.616E-01	-6.083E-01	-5.435E-01	-5.758E-01
F	: 3.737E+01	3.054E+01	2.390E+01	2.381E+01
P	: 1.618E-07	1.072E-06	8.644E-06	1.214E-05

Site: SHERWOOD
 Sample Type: MONITOR WELLS
 Sample Location: MW10

Sample Date	Thallium (D) mg/l	Uranium (D) pCi/l	Radium-226 (D) pCi/l	Radium-228 (D) pCi/l
09/29/1993		33.2	1.6#0.5	1.4#0.6
10/27/1993		33.2	1.5#0.3	2.4#0.6
11/17/1993		30.5	1.1#0.2	3.4#0.4
12/14/1993		29.1	0.7#0.2	4.8#0.8
01/19/1994		22.34	1.9#0.3	3.2#3.2
02/16/1994		29.79	0.8#0.4	<1.0
03/22/1994		51.45	1.9#0.7	1.2#1.2
04/19/1994		32.50	0.4#0.3	1.6#0.5
05/17/1994		33.85	0.7#0.3	2.2#2.0
06/29/1994	<0.01	37.91	0.9#0.5	<1.0
06/29/1994	<0.0004			
07/20/1994	<0.01	25.73	2.9#1.2	3.3#3.0
08/24/1994	<0.01	29.11	0.7#0.4	<1.0
08/24/1994	<0.0004			
09/21/1994	<0.01	41.30	0.2#0.2	<1.0
09/21/1994	<0.0004			
10/19/1994	<0.01	38.59	1.6#0.4	2.9#0.9
10/19/1994	<0.0004			
11/22/1994	<0.01	37.91	1.0#0.5	1.5#1.3
11/22/1994	<0.0004			
12/20/1994	<0.01	35.88	0.7#0.4	<1.0
12/20/1994	<0.0004			
01/26/1995	<0.01	35.2	1.3#0.3	1.6#1.1
01/26/1995	<0.0004			
02/28/1995	<0.01	29.1	1.4#0.5	3.3#2.3
02/28/1995	<0.0004			
03/29/1995	<0.01	34.5	0.6#0.3	<1.0
03/29/1995	<0.0004			
04/20/1995	<0.0004	32.5	0.9#0.2	<1.0
05/02/1995	<0.0004	31.1	1.0#0.4	1.7#0.7
06/06/1995	<0.0004	38.6	1.1#0.5	3.0#1.4
07/06/1995	<0.0004	36.6	1.6#0.8	4.9#1.5
08/24/1995	<0.0004	39.6	1.4#0.4	1.4#1.1
09/27/1995	<0.0004	38.6	1.5#0.7	<1.0
10/25/1995	<0.0004	36.4	1.5#0.4	1.9#0.9
11/21/1995	<0.0004	36.4	0.7#0.4	1.4#1.1
02/21/1996	<0.0004	37.2	1.3#0.4	1.1#0.6
05/01/1996	<0.0004	51.5	1.0#0.2	5.6#0.9
09/25/1996	<0.0004	43.5	0.9#0.3	4.3#0.5
11/21/1996	<0.0004	39.5	1.6#0.2	<1.0
03/27/1997	<0.0004	41.97	1.9#0.2	2.8#0.3
05/22/1997	<0.0004	43.33	1.8#0.2	1.5#0.2
06/26/1997	<0.0004	38.59	1.5#0.2	<1.0
07/24/1997	<0.0004	33.17	0.8#0.2	3.1#0.2
08/21/1997	<0.0004	37.24	0.9#0.2	<1.0
09/25/1997	<0.0004	35.2	1.3#0.2	<1.0
10/16/1997	<0.0004	41.97	0.9#0.2	<1.0
11/20/1997	<0.0004	41.30	2#0.30	<1
12/17/1997	<0.0004	39.47	1.3#0.20	<1
01/22/1998	<0.0004	37.6	1.6#0.2	1.9#0.2
02/25/1998	<0.0004	43.3	1.3#0.2	<1.0
03/18/1998	<0.0004	37.3	1.7#0.20	<1
04/22/1998	<0.0004	39.401	1.6#0.2	<1.0
05/28/1998	<0.0004	33.444	0.8#0.2	3.7#1.2
06/17/1998	<0.0004	27.622	0.3#0.1	<1.0
07/16/1998	<0.0004	40.96	1.2#0.2	2.6#1.6
08/19/1998	<0.0004	39.06	1.1#0.2	<1.0
09/17/1998	<0.0004	43.33	0.7#0.2	3.4#1.6
10/22/1998	<0.0004	38.25	1.2#0.2	<1.0
11/19/1998		41.84		
12/10/1998		41.57		

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW10

Sample Date	Thallium (D) mg/l	Uranium (D) pCi/l	Radium-226 (D) pCi/l	Radium-228 (D) pCi/l
01/27/1999	<0.0004	33.38	1.4#0.1	1.8#0.2
02/24/1999		39.60		
03/24/1999		40.89		
04/08/1999		42.72		
05/12/1999	<0.0004	40.62	1.7#0.3	<1.0
09/15/1999	<0.0004	37.9	0.9#0.2	6.3#0.3
11/17/1999	<0.0004	41.4	1.5#0.2	<1.0

Site : SHERWOOD
Sample Type : MONITOR WELLS
Sample Location: MW10
Date Range : 01/01/1978 - 12/31/1999

Analytes: Tl_D URD Ra_226_D Ra_228_D
Units: mg/l pCi/l pCi/l pCi/l

***** BASIC STATISTICS *****

N of Cases :	54	59	54	54
Average :	2.178E-03	3.720E+01	1.219E+00	2.004E+00
Std. Dev. :	3.764E-03	5.472E+00	4.934E-01	1.341E+00
Variance :	1.417E-05	2.994E+01	2.434E-01	1.799E+00
Std. Err. :	5.122E-04	7.124E-01	6.714E-02	1.825E-01
Maximum :	1.000E-02	5.150E+01	2.900E+00	6.300E+00
Minimum :	4.000E-04	2.234E+01	2.000E-01	1.000E+00

***** STUDENT'S T STATISTIC *****

Student T :	3.000E+00	-6.353E+00	-5.620E-01	3.243E-01
Deg. Free :	6.000E+00	6.000E+00	6.000E+00	6.000E+00
2-Tail Sig :	2.401E-02	7.134E-04	5.945E-01	7.567E-01
S.E. Diff :	2.400E-03	1.442E+00	2.669E-01	1.465E+00
95%C.I.Diff :	1.327E-03	-1.269E+01	-8.031E-01	-3.109E+00
Cat 1 Mean :	7.600E-03	3.150E+01	1.225E+00	3.000E+00
S.D. :	4.800E-03	2.045E+00	4.113E-01	1.451E+00
S.E. Mean :	2.400E-03	1.022E+00	2.056E-01	7.257E-01
Cat 2 Mean :	4.000E-04	4.066E+01	1.375E+00	2.525E+00
S.D. :	0.000E+00	2.034E+00	3.403E-01	2.545E+00
S.E. Mean :	0.000E+00	1.017E+00	1.702E-01	1.272E+00

***** MANN-WHITNEY-U STATISTIC *****

U-Stat :	2.000E+00	0.000E+00	6.500E+00	5.000E+00
Signific :	-2.049E+00	-2.323E+00	-4.356E-01	-8.712E-01
P = Val 1T :	2.021E-02	1.008E-02	3.316E-01	1.918E-01
P = Val 2T :	4.042E-02	2.016E-02	6.631E-01	3.836E-01

***** LINEAR REGRESSION *****

Slope :	-3.093E-06	3.395E-03	4.833E-05	-1.347E-04
Intercept :	4.517E-03	3.360E+01	1.171E+00	2.136E+00
R-square :	2.465E-01	1.842E-01	4.233E-03	4.451E-03
r :	-4.965E-01	4.292E-01	6.506E-02	-6.672E-02
F :	1.701E+01	1.287E+01	2.211E-01	2.325E-01
P :	1.344E-04	6.935E-04	6.402E-01	6.317E-01

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW10

Sample Date	Thorium-230 (D) pCi/l
09/29/1993	<1.0
10/27/1993	<1.0
11/17/1993	<1.0
12/14/1993	<1.0
01/19/1994	<1.0
02/16/1994	<0.2
03/22/1994	<0.2
04/19/1994	<0.2
05/17/1994	<0.2
06/29/1994	<1.0
07/20/1994	<1.0
08/24/1994	<1.0
09/21/1994	<0.2
10/19/1994	<0.2
11/22/1994	1.4#0.4
12/20/1994	<0.2
01/26/1995	<0.2
02/28/1995	<0.2
03/29/1995	<0.2
04/20/1995	<0.2
05/02/1995	<0.2
06/06/1995	<0.2
07/06/1995	<0.2
08/24/1995	<0.2
09/27/1995	<0.2
10/25/1995	<0.2
11/21/1995	<0.2
02/21/1996	<0.2
05/01/1996	0.4#0.2
09/25/1996	<0.2
11/21/1996	<0.2
03/27/1997	<0.2
05/22/1997	<0.2
06/26/1997	<0.2
07/24/1997	<0.2
08/21/1997	<0.2
09/25/1997	<0.2
10/16/1997	<0.2
11/20/1997	<0.2
12/17/1997	<0.2
01/22/1998	<0.2
02/25/1998	<0.2
03/18/1998	<0.2
04/22/1998	<0.2
05/28/1998	<0.2
06/17/1998	<0.2
07/16/1998	<0.2
08/19/1998	<0.2
09/17/1998	<0.2
10/22/1998	<0.2
01/27/1999	<0.2
05/12/1999	<0.2
09/15/1999	<0.2
11/17/1999	<0.2

Site : SHERWOOD
Sample Type : MONITOR WELLS
Sample Location: MW10
Date Range : 01/01/1978 - 12/31/1999

Analytes: Th_230_D
Units: pCi/l

***** BASIC STATISTICS *****

N of Cases : 54
Average : 3.444E-01
Std. Dev. : 3.214E-01
Variance : 1.033E-01
Std. Err. : 4.373E-02
Maximum : 1.400E+00
Minimum : 2.000E-01

***** STUDENT'S T STATISTIC *****

Student T : .
Deg. Free : .
2-Tail Sig : .
S.E. Diff : .
95%C.I.Dif : .
Cat 1 Mean : 1.000E+00
S.D. : 0.000E+00
S.E. Mean : 0.000E+00
Cat 2 Mean : 2.000E-01
S.D. : 0.000E+00
S.E. Mean : 0.000E+00

***** MANN-WHITNEY-U STATISTIC *****

U-Stat : 0.000E+00
Signific :-2.646E+00
P = Val 1T : 4.075E-03
P = Val 2T : 8.151E-03

***** LINEAR REGRESSION *****

Slope :-2.568E-04
Intercept : 5.957E-01
R-square : 2.817E-01
r :-5.307E-01
F : 2.039E+01
P : 3.655E-05

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW10

Sample Date	SWL ft.
06/14/1993	1780.92
06/22/1993	1780.57
07/06/1993	1780.57
07/20/1993	1780.57
08/02/1993	1780.57
08/16/1993	1780.52
08/30/1993	1780.62
09/08/1993	1780.57
09/20/1993	1780.52
09/27/1993	1780.57
10/13/1993	1780.57
10/25/1993	1780.52
11/09/1993	1780.62
11/15/1993	1780.67
12/02/1993	1780.42
12/08/1993	1780.57
12/13/1993	1780.47
12/30/1993	1780.52
01/13/1994	1780.32
01/17/1994	1780.37
02/10/1994	1780.42
02/14/1994	1780.52
03/02/1994	1780.42
03/17/1994	1780.37
03/21/1994	1780.42
04/08/1994	1780.52
04/14/1994	1780.42
04/18/1994	1780.42
05/05/1994	1780.42
05/12/1994	1780.42
05/16/1994	1780.42
06/01/1994	1780.57
06/15/1994	1780.57
06/23/1994	1780.52
06/28/1994	1780.47
07/14/1994	1780.42
08/04/1994	1780.52
08/18/1994	1780.47
08/22/1994	1780.47
09/15/1994	1780.47
09/20/1994	1780.42
10/06/1994	1780.42
10/13/1994	1780.57
10/18/1994	1780.52
11/07/1994	1780.37
11/18/1994	1780.42
12/06/1994	1780.47
12/15/1994	1780.47
12/19/1994	1780.57
01/05/1995	1780.37
01/19/1995	1780.42
01/26/1995	1780.47
02/06/1995	1780.52
02/22/1995	1780.52
02/23/1995	1780.52
02/28/1995	1780.57
03/14/1995	1780.52
03/23/1995	1780.47
03/27/1995	1780.57
03/29/1995	1780.57
04/13/1995	1780.52

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW10

Sample Date	SWL ft.
04/17/1995	1780.57
04/18/1995	1780.37
04/20/1995	1780.52
04/27/1995	1780.57
05/01/1995	1780.67
05/02/1995	1780.47
05/16/1995	1780.67
06/01/1995	1780.57
06/05/1995	1780.52
06/06/1995	1780.47
06/13/1995	1780.57
06/29/1995	1780.62
07/18/1995	1780.57
07/25/1995	1780.62
07/26/1995	1780.32
08/08/1995	1780.52
08/22/1995	1780.52
08/23/1995	1780.47
08/24/1995	1780.37
09/06/1995	1780.57
09/21/1995	1780.57
09/26/1995	1780.57
09/27/1995	1780.12
10/03/1995	1780.62
10/18/1995	1780.42
10/24/1995	1780.52
10/25/1995	1780.22
11/09/1995	1780.47
11/16/1995	1781.52
11/20/1995	1780.52
11/21/1995	1780.42
12/29/1995	1780.42
01/10/1996	1780.47
02/15/1996	1780.52
02/20/1996	1780.42
03/25/1996	1780.57
04/11/1996	1780.57
04/24/1996	1780.52
04/30/1996	1780.62
05/01/1996	1780.57
06/25/1996	1780.67
07/18/1996	1780.57
08/28/1996	1780.57
09/19/1996	1780.62
09/23/1996	1780.67
10/30/1996	1780.57
11/18/1996	1780.62
12/11/1996	1780.52
01/09/1997	1780.57
02/05/1997	1780.52
03/24/1997	1780.62
04/22/1997	1780.57
05/01/1997	1780.62
05/06/1997	1780.67
05/19/1997	1780.82
05/29/1997	1780.72
06/02/1997	1780.77
06/12/1997	1780.67
06/18/1997	1780.72
06/24/1997	1780.77
07/03/1997	1780.72

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW10

Sample Date	SWL ft.
07/07/1997	1780.72
07/16/1997	1780.67
07/22/1997	1780.72
08/01/1997	1780.77
08/07/1997	1780.77
08/13/1997	1780.72
08/20/1997	1780.82
08/26/1997	1780.82
09/03/1997	1780.77
09/10/1997	1780.67
09/18/1997	1780.72
09/23/1997	1780.72
09/29/1997	1780.82
10/08/1997	1780.82
10/14/1997	1780.72
10/21/1997	1780.72
10/28/1997	1780.77
11/03/1997	1780.82
11/10/1997	1780.72
11/18/1997	1780.72
11/24/1997	1780.72
12/02/1997	1780.77
12/10/1997	1780.72
12/15/1997	1780.67
12/22/1997	1780.67
12/30/1997	1780.77
01/05/1998	1780.77
01/15/1998	1780.72
01/20/1998	1780.67
01/22/1998	1780.62
01/29/1998	1780.92
02/04/1998	1780.72
02/09/1998	1780.67
02/19/1998	1780.82
02/23/1998	1780.72
02/25/1998	1780.67
03/05/1998	1780.72
03/11/1998	1780.82
03/16/1998	1780.82
03/18/1998	1780.67
03/23/1998	1780.72
03/30/1998	1780.77
04/07/1998	1780.72
04/13/1998	1780.80
04/22/1998	1780.82
05/13/1998	1780.82
05/20/1998	1780.82
05/26/1998	1780.87
05/28/1998	1780.77
06/03/1998	1780.77
06/09/1998	1780.82
06/15/1998	1780.92
06/17/1998	1780.77
06/22/1998	1780.87
06/29/1998	1780.82
07/09/1998	1780.82
07/16/1998	1780.72
07/22/1998	1780.82
07/28/1998	1780.82
08/06/1998	1780.77
08/13/1998	1780.82

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW10

Sample Date	SWL ft.
08/17/1998	1780.82
08/19/1998	1780.67
08/26/1998	1780.82
08/31/1998	1780.87
09/08/1998	1780.87
09/15/1998	1780.87
09/23/1998	1780.87
09/30/1998	1780.87
10/07/1998	1780.87
10/15/1998	1780.82
10/20/1998	1780.72
11/03/1998	1780.77
11/18/1998	1780.72
11/24/1998	1780.72
12/01/1998	1780.72
12/08/1998	1780.67
12/17/1998	1780.87
12/30/1998	1780.82
01/05/1999	1780.82
01/11/1999	1780.82
01/19/1999	1780.82
01/25/1999	1780.82
02/03/1999	1780.82
02/09/1999	1780.77
02/18/1999	1780.77
02/22/1999	1780.77
03/02/1999	1780.87
03/08/1999	1780.87
03/15/1999	1780.87
03/22/1999	1780.82
03/30/1999	1780.82
04/05/1999	1780.77
04/22/1999	1780.82
04/26/1999	1780.82
05/04/1999	1780.72
05/10/1999	1780.87
05/18/1999	1780.87
05/26/1999	1780.82
06/03/1999	1780.87
06/07/1999	1780.87
06/17/1999	1780.87
06/21/1999	1780.87
07/06/1999	1780.92
07/14/1999	1780.87
07/19/1999	1780.92
07/26/1999	1780.87
08/02/1999	1780.87
08/09/1999	1780.92
08/17/1999	1780.82
08/23/1999	1780.87
09/02/1999	1780.82
09/08/1999	1780.87
09/13/1999	1780.87
09/20/1999	1780.82
09/28/1999	1780.87
10/04/1999	1780.87
10/13/1999	1780.87
10/20/1999	1780.82
11/02/1999	1780.87
11/15/1999	1780.82
11/22/1999	1780.72

Site: SHERWOOD
Sample Type: MONITOR WELLS
Sample Location: MW10

Sample Date	SWL ft.
12/07/1999	1780.82
12/20/1999	1780.82
12/27/1999	1780.77

Site : SHERWOOD
Sample Type : MONITOR WELLS
Sample Location: MW10
Date Range : 01/01/1978 - 12/31/1999

Analytes: SWL
Units: ft.

***** BASIC STATISTICS *****

N of Cases : 247
Average : 1.781E+03
Std. Dev. : 1.714E-01
Variance : 2.939E-02
Std. Err. : 1.091E-02
Maximum : 1.782E+03
Minimum : 1.780E+03

***** STUDENT'S T STATISTIC *****

Student T :-1.378E+00
Deg. Free : 6.000E+00
2-Tail Sig : 2.174E-01
S.E. Diff : 9.071E-02
95%C.I.Dif :-3.470E-01
Cat 1 Mean : 1.781E+03
S.D. : 1.750E-01
S.E. Mean : 8.750E-02
Cat 2 Mean : 1.781E+03
S.D. : 4.787E-02
S.E. Mean : 2.394E-02

***** MANN-WHITNEY-U STATISTIC *****

U-Stat : 4.000E+00
Signific :-1.191E+00
P = Val 1T : 1.169E-01
P = Val 2T : 2.338E-01

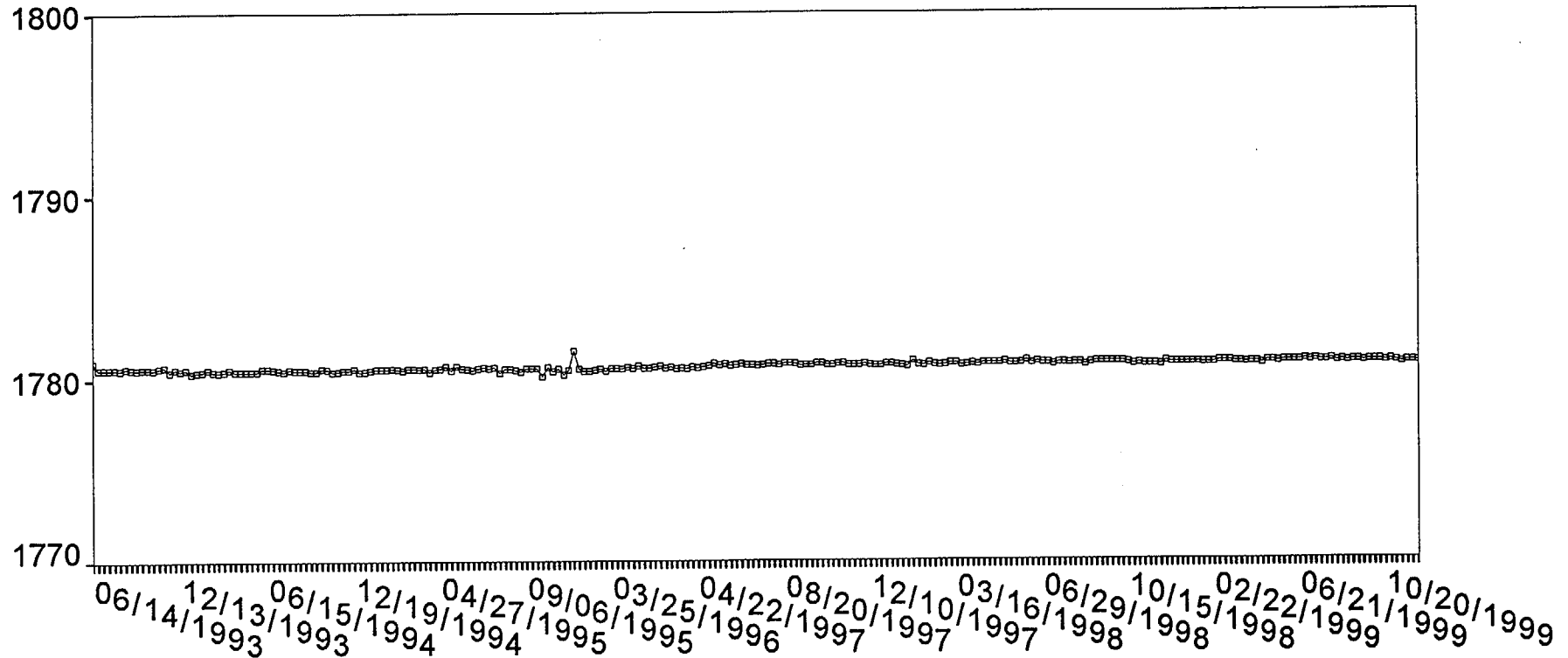
***** LINEAR REGRESSION *****

Slope : 1.874E-04
Intercept : 1.780E+03
R-square : 5.969E-01
r : 7.726E-01
F : 3.627E+02
P : 0.000E+00

MONITOR WELLS

SHERWOOD : MW10

ANALYTE: SWL (ft)

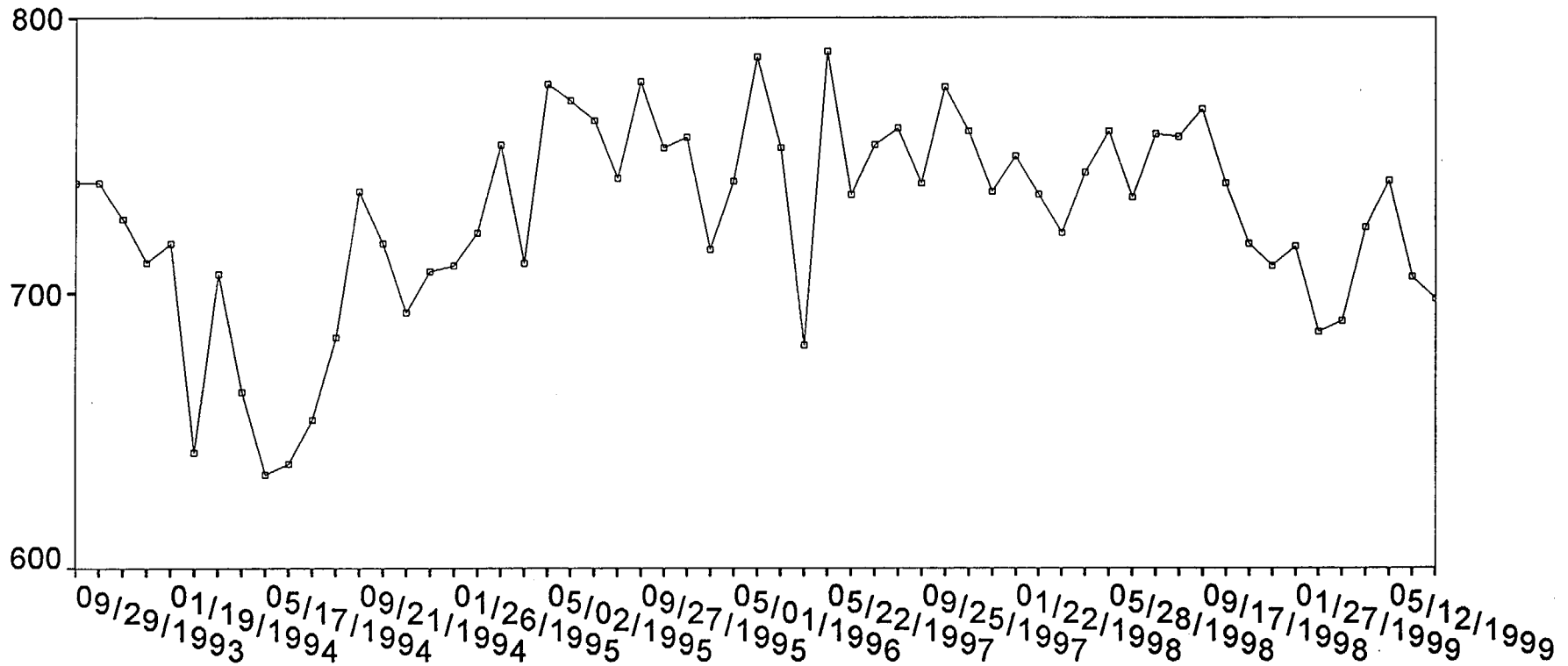


Run Chart - Raw Data

MONITOR WELLS

SHERWOOD : MW10

ANALYTE: TDS (mg/l)

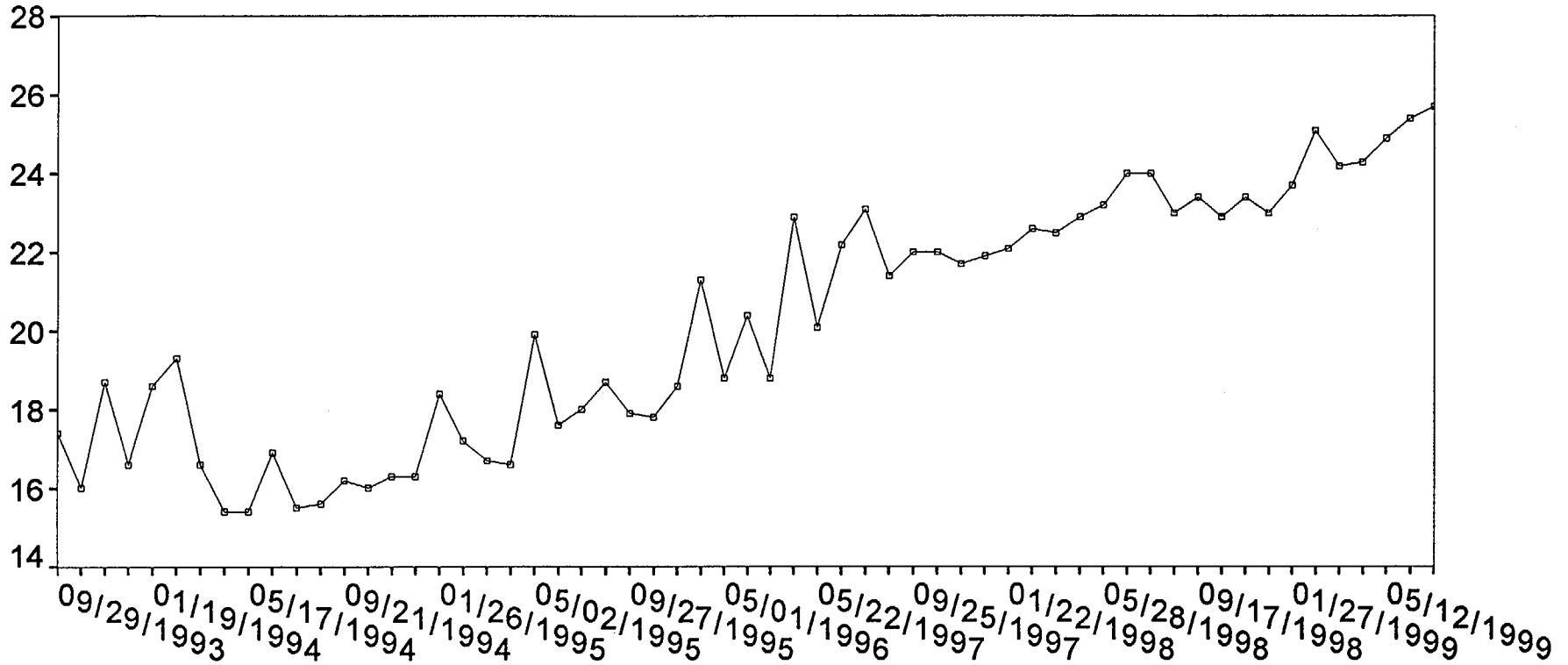


Run Chart - Raw Data

MONITOR WELLS

SHERWOOD : MW10

ANALYTE: SO4 (mg/l)

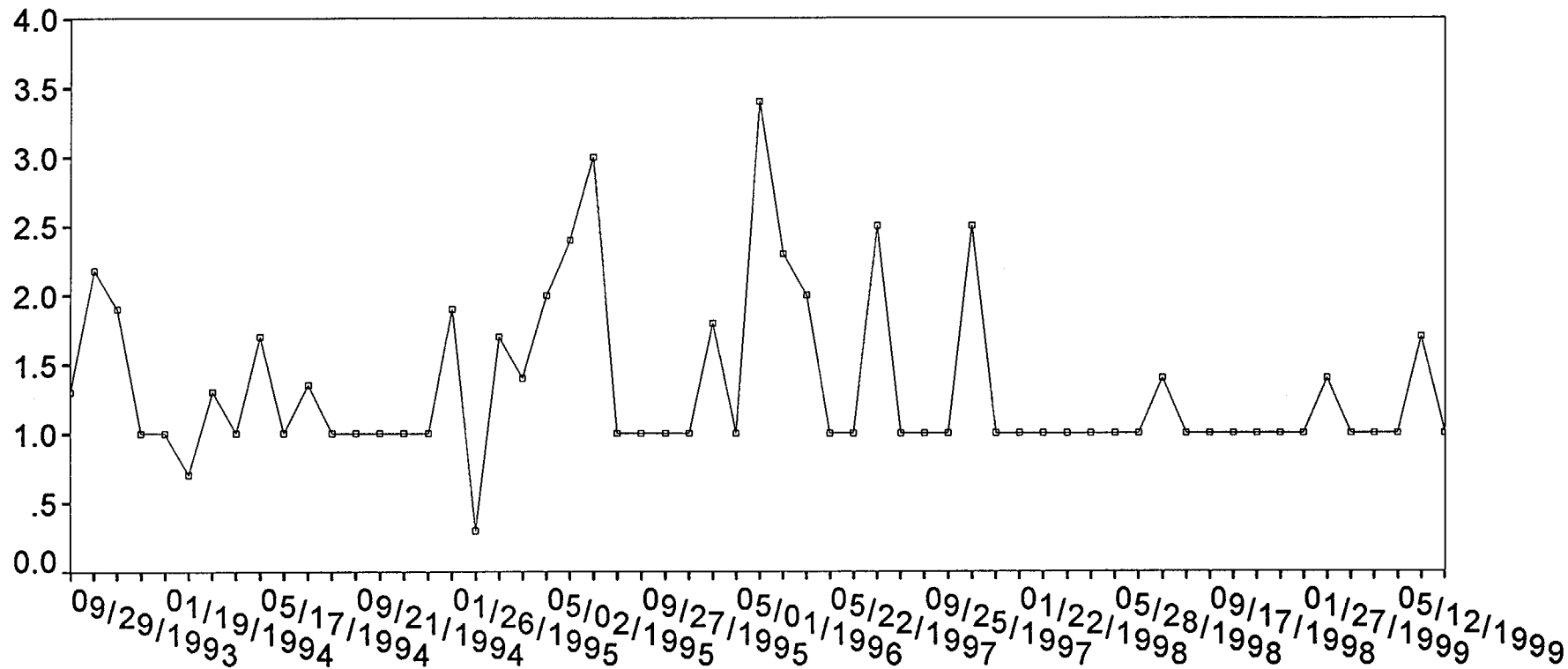


Run Chart - Raw Data

MONITOR WELLS

SHERWOOD : MW10

ANALYTE: Cl (mg/l)

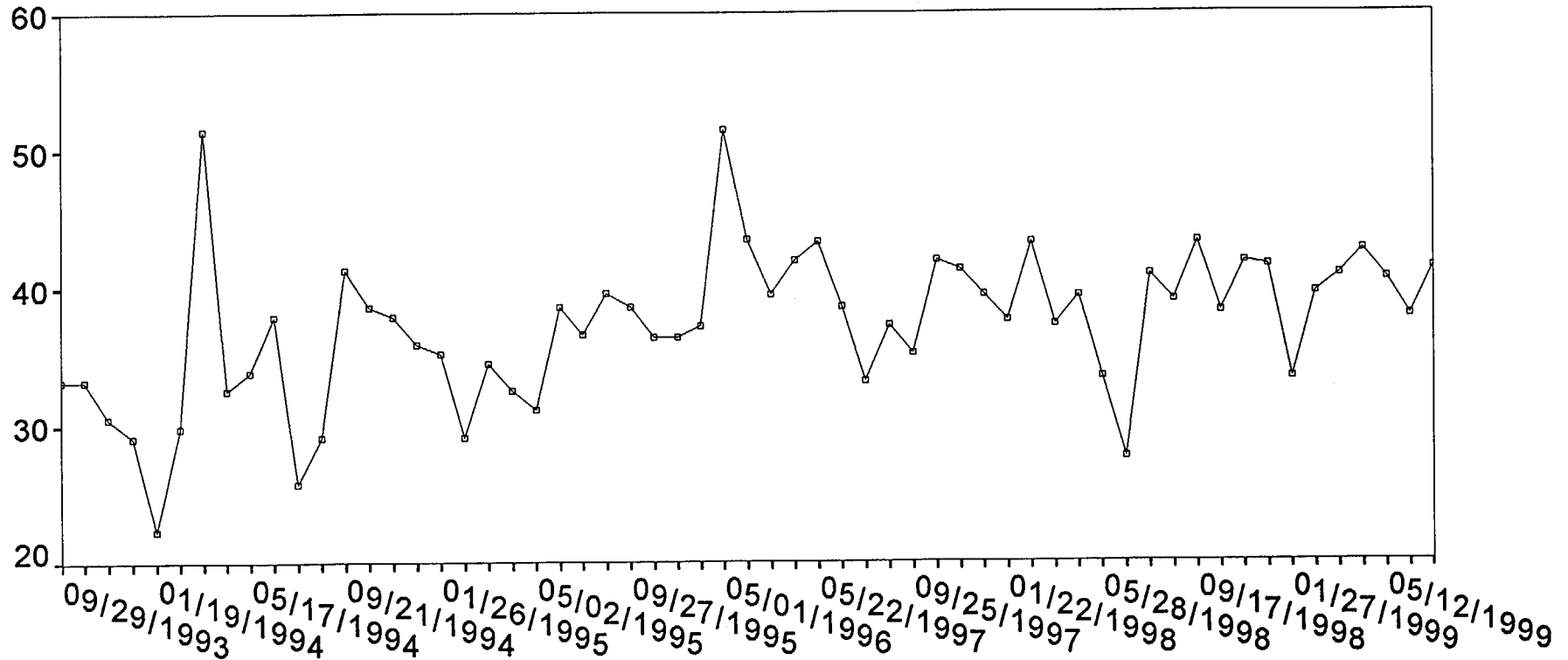


Run Chart - Raw Data

MONITOR WELLS

SHERWOOD : MW10

ANALYTE: URD (pCi/l)



Run Chart - Raw Data