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SEMI-ANNUAL ENVIRONMENTAL MONITORING REPORT
L-BAR URANIUM MINE
CIBOLA COUNTY, NEW MEXICO

August 29, 1988

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1.0 INTRODUCTION

The enclosed semi-annual report contains results of sample analyses for the 1st half of 1988 for the L-Bar Uranium Facility as required by conditions 12 and 30 of NRC Materials License SUA-1472, Amendment 7, and 10 CFR 40, Section 40.65.

Included in this report are results of the last two monitor well sampling programs and complete sampling histories for each monitor well at the site. Also included are track-etch radon, direction radiation and high volume air filter analyses for this reporting period. Complete annual domestic well water samples from Moquino, Bibo and Seboyeta wells and the surface water sample for Moquino Creek are included in this report. The annual radioactive analyses for vegetation and soil samples from the windmill site are also included in this report.

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2.0 Monitor Well Sampling Results - Two Most Recent Programs

L-Bar Mine
 Well 1A
 Date 03/08/88
 Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	20	
Ca (mg/l)	27	0.003
Mg (mg/l)	10	0.1
K (mg/l)	4	0.3
Na (mg/l)	1100	0.08
Cl (mg/l)	90	0.5
SiO ₂ (mg/l)	8.7	
SO ₄ (mg/l)	1600	2.5
HCO ₃ (mg/l)	464	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.62	±0.05
Cond (umhos/cm)	3890	1.0
TDS (mg/l)	3020	
NO ₃ (mg/l)	<0.02	0.02
NH ₃ (mg/l)	0.9	0.1
Fe (mg/l)	0.09	0.04
F (mg/l)	1.74	0.1
As (mg/l)	0.002	0.002
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.001
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.052	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.006	0.001
Se (mg/l)	<0.005	0.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.043	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

L-BAR Mine

Well 2A

Date 03/07/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15.5	
Ca (mg/l)	480	0.06
Mg (mg/l)	590	0.1
K (mg/l)	6	0.3
Na (mg/l)	2800	0.08
Cl (mg/l)	780	0.5
SiO ₂ (mg/l)	12	
SO ₄ (mg/l)	5000	2.5
HCO ₃ (mg/l)	965	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.55	±0.05
Cond (umhos/cm)	11200	1.0
TDS (mg/l)	12400	
NO ₃ (mg/l)	340	0.2
NH ₃ (mg/l)	0.13	0.1
Fe (mg/l)	<0.03	0.04
F (mg/l)	0.27	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.023	0.01
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.067	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.027	0.001
Se (mg/l)	0.56	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 3A

Date 03/12/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)		
Ca (mg/l)	400	0.06
Mg (mg/l)	860	0.1
K (mg/l)	<2	0.3
Na (mg/l)	3600	0.08
Cl (mg/l)	420	0.5
SiO ₂ (mg/l)	17	
SO ₄ (mg/l)	11000	2.5
HCO ₃ (mg/l)	711	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.21	±0.05
Cond (umhos/cm)	12500	1.0
TDS (mg/l)	16600	
NO ₃ (mg/l)	4.4	0.2
NH ₃ (mg/l)	0.39	0.1
Fe (mg/l)	<0.03	0.04
F (mg/l)	0.77	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.037	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	<0.003	0.003
Mo (mg/l)	0.06	0.01
Ni (mg/l)	<0.001	0.001
Se (mg/l)	0.16	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.020
U (mg/l)	<0.05	0.05
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (ug/l)		

H01100R375

L-BAR Mine

Well 3B

Date 03/15/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	12	
Ca (mg/l)	470	0.06
Mg (mg/l)	820	0.1
K (mg/l)	<6	0.3
Na (mg/l)	2600	0.08
Cl (mg/l)	590	0.5
SiO ₂ (mg/l)	29	
SO ₄ (mg/l)	6800	2.5
HCO ₃ (mg/l)	1586	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.98	±0.05
Cond (umhos/cm)	10200	1.0
TDS (mg/l)	12100	
NO ₃ (mg/l)	0.08	0.2
NH ₃ (mg/l)	0.34	0.1
Fe (mg/l)	<0.03	0.04
F (mg/l)	0.81	0.1
As (mg/l)	<0.01	0.01
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	0.003	0.001
Cr (mg/l)	0.033	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.007	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.011	0.001
Se (mg/l)	0.007	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 4A

Date 03/16/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	12	
Ca (mg/l)	500	0.06
Mg (mg/l)	480	0.1
K (mg/l)	<2	0.3
Na (mg/l)	1100	0.08
Cl (mg/l)	370	0.5
SiO ₂ (mg/l)	14	
SO ₄ (mg/l)	3900	2.5
HCO ₃ (mg/l)	627	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.2	±0.05
Cond (umhos/cm)	6200	1.0
TDS (mg/l)	7430	
NO ₃ (mg/l)	0.89	0.2
NH ₃ (mg/l)	0.06	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	0.22	0.1
As (mg/l)	<0.01	0.01
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	<0.023	0.023
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	<0.003	0.003
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.003	0.003
Se (mg/l)	0.11	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (ug/l)		

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L-BAR Mine

Well 5

Date 03/07/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	14.8	
Ca (mg/l)	340	0.06
Mg (mg/l)	390	0.1
K (mg/l)	<2	0.3
Na (mg/l)	2000	0.08
Cl (mg/l)	320	0.5
SiO ₂ (mg/l)	15	
SO ₄ (mg/l)	5000	2.5
HCO ₃ (mg/l)	902	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.78	±0.05
Cond (umhos/cm)	7800	1.0
TDS (mg/l)	8720	
NO ₃ (mg/l)	<0.1	0.1
NH ₃ (mg/l)	1.8	0.1
Fe (mg/l)	2.9	0.04
F (mg/l)	0.59	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.023	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.037	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.004	0.001
Se (mg/l)	<0.005	0.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.16	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 6

Date 03/05/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	16.5	
Ca (mg/l)	55	0.06
Mg (mg/l)	28	0.1
K (mg/l)	8	0.3
Na (mg/l)	1300	0.08
Cl (mg/l)	88	0.5
SiO ₂ (mg/l)	9.2	
SO ₄ (mg/l)	2400	2.5
HCO ₃ (mg/l)	425	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.64	±0.05
Cond (umhos/cm)	4300	1.0
TDS (mg/l)	2910	
NO ₃ (mg/l)	<0.02	0.02
NH ₃ (mg/l)	1.5	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	1.4	0.1
As (mg/l)	<0.004	0.002
Ba (mg/l)	0.01	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.018	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.004	0.004
Se (mg/l)	<0.005	0.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.027	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (ug/l)		

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L-BAR Mine

Well 7

Date 03/21/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	16	
Ca (mg/l)	24	0.06
Mg (mg/l)	9.5	0.1
K (mg/l)	3.8	0.3
Na (mg/l)	1000	0.08
Cl (mg/l)	81	0.5
SiO ₂ (mg/l)	12	
SO ₄ (mg/l)	1500	2.5
HCO ₃ (mg/l)	452	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.61	±0.05
Cond (umhos/cm)	3700	1.0
TDS (mg/l)	3000	
NO ₃ (mg/l)	1	0.2
NH ₃ (mg/l)	<0.02	0.02
Fe (mg/l)	<0.03	0.03
F (mg/l)	1.5	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	<0.003	0.003
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	0.009	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.015	0.010
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	0.9	0.08
Th230 (pCi/l)	0.15	0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
B ⁻ (ug/ml)		
Cc (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN ₂ (mg/l)		

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L-BAR Mine

Well 8

Date 03/07/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	16	
Ca (mg/l)	24	0.06
Mg (mg/l)	12	0.1
K (mg/l)	5	0.3
Na (mg/l)	940	0.08
Cl (mg/l)	72	0.5
SiO ₂ (mg/l)	11	
SO ₄ (mg/l)	1300	2.5
HCO ₃ (mg/l)	551	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.94	±0.05
Cond (umhos/cm)	3100	1.0
TDS (mg/l)	2570	
NO ₃ (mg/l)	11	0.2
NH ₃ (mg/l)	1	0.1
Fe (mg/l)		0.04
F (mg/l)	<0.03	0.03
As (mg/l)	1.9	0.002
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.005	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.003	0.003
Se (mg/l)	<0.005	0.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.006
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (ug/l)		

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L-BAR Mine

Well 9

Date 03/21/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	18	
Ca (mg/l)	19	0.06
Mg (mg/l)	5.9	0.1
K (mg/l)	3.5	0.3
Na (mg/l)	920	0.08
Cl (mg/l)	77	0.5
SiO ₂ (mg/l)	14	
SO ₄ (mg/l)	1400	2.5
HCO ₃ (mg/l)	479	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.92	±0.05
Cond (umhos/cm)	3350	1.0
TDS (mg/l)	2600	
NO ₃ (mg/l)	0.03	0.2
NH ₃ (mg/l)	0.45	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	1.6	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.08	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.001	0.001
Se (mg/l)	0.007	.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.022	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Ce (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

H01100R375

L-BAR Mine

Well 10

Date 03/11/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	14.8	
Ca (mg/l)	150	0.06
Mg (mg/l)	78	0.1
K (mg/l)	9	0.3
Na (mg/l)	3100	0.08
Cl (mg/l)	810	0.5
SiO ₂ (mg/l)	10	
SO ₄ (mg/l)	5500	2.5
HCO ₃ (mg/l)	725	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.17	±0.05
Cond (umhos/cm)	9800	1.0
IDS (mg/l)	10000	
NO ₃ (mg/l)	38	0.2
NH ₃ (mg/l)	0.03	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	0.39	0.1
As (mg/l)	<0.01	0.01
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.016	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.019	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.007	0.001
Se (mg/l)	<0.02	0.02
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.05	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Ce (ug/ml)		
Co (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
...		

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L-BA2 Mine

Well 10A

Date 03/07/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	18	
Ca (mg/l)	34	0.06
Mg (mg/l)	12	0.1
K (mg/l)	6	0.3
Na (mg/l)	1200	0.08
Cl (mg/l)	94	0.5
SiO ₂ (mg/l)	11	
SO ₄ (mg/l)	1900	2.5
HCO ₃ (mg/l)	472	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.8	±0.05
Cond (umhos/cm)	4070	1.0
TDS (mg/l)	3100	
NO ₃ (mg/l)	0.63	0.2
NH ₃ (mg/l)	0.7	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	1.7	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	0.009	0.001
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.032	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.007	0.001
Se (mg/l)	<0.005	0.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.027	0.020
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 11

Date 03/22/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	14	
Ca (mg/l)	25	0.06
Mg (mg/l)	6.9	0.1
K (mg/l)	2.7	0.3
Na (mg/l)	820	0.08
Cl (mg/l)	150	0.5
SiO ₂ (mg/l)	18	
SO ₄ (mg/l)	1000	2.5
HCO ₃ (mg/l)	496	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.57	±0.05
Cond (umhos/cm)	2810	1.0
TDS (mg/l)	2300	
NO ₃ (mg/l)	0.02	0.2
NH ₃ (mg/l)	0.45	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	2	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.053	.01
Ca (mg/l)	0.009	0.001
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.13	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.007	0.001
Se (mg/l)	0.006	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.38	0.020
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	0.2	0.08
Th230 (pCi/l)	2.54	0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (ug/l)		

H01100R375

L-BAR Mine

Well 12

Date 03/09/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	16	
Ca (mg/l)	14	0.06
Mg (mg/l)	5.5	0.1
K (mg/l)	<2	0.3
Na (mg/l)	810	0.08
Cl (mg/l)	91	0.5
SiO ₂ (mg/l)	14	
SO ₄ (mg/l)	1100	2.5
HCO ₃ (mg/l)	596	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	8.05	±0.05
Cond (umhos/cm)	2600	1.0
TDS (mg/l)	2150	
NO ₃ (mg/l)	0.06	0.2
NH ₃ (mg/l)	0.64	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	1.9	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.011	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.019	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.003	0.003
Se (mg/l)	<0.005	0.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.053	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 12A

Date 03/09/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	14	
Ca (mg/l)	8.7	0.06
Mg (mg/l)	3.1	0.1
K (mg/l)	2	0.3
Na (mg/l)	610	0.08
Cl (mg/l)	57	0.5
SiO ₂ (mg/l)	14	
SO ₄ (mg/l)	1400	2.5
HCO ₃ (mg/l)	632	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.84	±0.05
Cond (umhos/cm)	1830	1.0
TDS (mg/l)	1500	
NO ₃ (mg/l)	0.05	0.2
NH ₃ (mg/l)	0.6	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	2.3	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.009	.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.017	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.004	.002
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.003	0.003
Se (mg/l)	<0.005	0.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.077	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 13

Date 03/22/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	dry	
Ca (mg/l)		0.06
Mg (mg/l)		0.1
K (mg/l)		0.3
Na (mg/l)		0.08
Cl (mg/l)		0.5
SiO ₂ (mg/l)		
SO ₄ (mg/l)		2.5
HCO ₃ (mg/l)		1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	dry	±0.05
Cond (umhos/cm)	dry	1.0
TDS (mg/l)		
NO ₃ (mg/l)		0.2
NH ₃ (mg/l)		0.1
Fe (mg/l)		0.04
F (mg/l)		0.1
As (mg/l)		0.002
Ba (mg/l)		0.1
Cd (mg/l)		0.001
Cr (mg/l)		0.01
Pb (mg/l)		0.01
Mn (mg/l)		0.01
Mo (mg/l)		0.01
Ni (mg/l)		0.001
Se (mg/l)		0.01
V (mg/l)		0.01
Zn (mg/l)		0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (ug/l)		

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L-BAR Mine

Well 13B

Date 03/06/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	12.4	
Ca (mg/l)	400	0.06
Mg (mg/l)	800	0.1
K (mg/l)	<2	0.3
Na (mg/l)	<100	0.08
Cl (mg/l)	400	0.5
SiO ₂ (mg/l)	12	
SO ₄ (mg/l)	900	2.5
HCO ₃ (mg/l)	800	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.89	±0.05
Cond (umhos/cm)	12400	1.0
TDS (mg/l)	15400	
NO ₃ (mg/l)	1.7	0.2
NH ₃ (mg/l)	0.28	0.1
Fe (mg/l)	0.28	0.04
F (mg/l)	0.48	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.034	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.006	.002
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.003	0.003
Se (mg/l)	<0.005	0.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.006
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 15

Date 03/14/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	13	
Ca (mg/l)	510	0.06
Mg (mg/l)	560	0.1
K (mg/l)	<2	0.3
Na (mg/l)	1200	0.08
Cl (mg/l)	340	0.5
SiO ₂ (mg/l)	15	
SO ₄ (mg/l)	4300	2.5
HCO ₃ (mg/l)	952	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.8	±0.05
Cond (umhos/cm)	6000	1.0
TDS (mg/l)	7760	
NO ₃ (mg/l)	8.9	0.2
NH ₃ (mg/l)	0.23	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	0.19	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	0.005	0.001
Cr (mg/l)	0.03	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	<0.003	0.003
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	0.038	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.006
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	1.7	0.08
Th230 (pCi/l)	0.29	0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 17

Date 03/14/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	230	0.06
Mg (mg/l)	130	0.1
K (mg/l)	10	0.3
Na (mg/l)	1300	0.08
Cl (mg/l)	95	0.5
SiO ₂ (mg/l)	16	
SO ₄ (mg/l)	2700	2.5
HCO ₃ (mg/l)	724	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.94	±0.05
Cond (umhos/cm)	4890	1.0
TDS (mg/l)	5060	
NO ₃ (mg/l)		0.2
NH ₃ (mg/l)	<0.2	0.2
Fe (mg/l)	0.48	0.04
F (mg/l)	0.52	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.011	.01
Cd (mg/l)	<0.004	0.004
Cr (mg/l)	0.021	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.42	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.055	0.020
U (ug/l)	<0.5	0.5
Ra226 (pCi/l)	0.9	0.08
Th230 (pCi/l)	0.49	0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 17B

Date 03/12/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	10	
Ca (mg/l)	530	0.06
Mg (mg/l)	500	0.1
K (mg/l)	9	0.3
Na (mg/l)	2300	0.08
Cl (mg/l)	48'	0.5
SiO ₂ (mg/l)	10	
SO ₄ (mg/l)	4700	2.5
HCO ₃ (mg/l)	506	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.97	±0.05
Cond (umhos/cm)	9300	1.0
TDS (mg/l)	11900	
NO ₃ (mg/l)	730	0.2
NH ₃ (mg/l)	0.14	0.1
Fe (mg/l)	0.04	0.04
F (mg/l)	0.24	0.1
As (mg/l)	<0.01	0.01
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.023	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.01	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.011	0.001
Se (mg/l)	0.41	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.18	0.020
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	1.1	0.08
Th230 (pCi/l)	0.82	0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

L-BAR Mine

Well 21

Date 03/07/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	16.8	
Ca (mg/l)	35	0.06
Mg (mg/l)	13	0.1
K (mg/l)	7	0.3
Na (mg/l)	1300	0.08
Cl (mg/l)	88	0.5
SiO ₂ (mg/l)	11	
SO ₄ (mg/l)	2300	2.5
HCO ₃ (mg/l)	407	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.8	±0.05
Cond (umhos/cm)	4450	1.0
TDS (mg/l)	3780	
NO ₃ (mg/l)	0.06	0.2
NH ₃ (mg/l)	1.4	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	1.6	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.01	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	<0.003	0.003
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.004	0.001
Se (mg/l)	<0.005	0.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.016	0.010
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	1.1	0.08
Th230 (pCi/l)	0.78	0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 22

Date 03/15/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	13.5	
Ca (mg/l)	520	0.06
Mg (mg/l)	520	0.1
K (mg/l)	<2	2
Na (mg/l)	1300	0.08
Cl (mg/l)	520	0.5
SiO ₂ (mg/l)	25	
SO ₄ (mg/l)	3800	2.5
HCO ₃ (mg/l)	1448	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.73	±0.05
Cond (umhos/cm)	7250	1.0
TDS (mg/l)	8390	
NO ₃ (mg/l)	16	0.2
NH ₃ (mg/l)	0.08	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	0.51	0.1
As (mg/l)	<0.008	0.008
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.032	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.11	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.004	0.001
Se (mg/l)	0.056	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.006
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 23

Date 03/14/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	12.5	
Ca (mg/l)	500	0.06
Mg (mg/l)	540	0.1
K (mg/l)	<2	2
Na (mg/l)	1200	0.08
Cl (mg/l)	330	0.5
SiO ₂ (mg/l)	15	
SO ₄ (mg/l)	4500	2.5
HCO ₃ (mg/l)	863	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.03	±0.05
Cond (umhos/cm)	6000	1.0
TDS (mg/l)	8000	
NO ₃ (mg/l)	4.7	0.2
NH ₃ (mg/l)	0.08	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	0.25	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	0.005	0.001
Cr (mg/l)	0.035	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	<0.003	0.003
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	0.024	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.006
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 24

Date 03/14/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	13.8	
Ca (mg/l)	560	0.06
Mg (mg/l)	640	0.1
K (mg/l)	<2	2
Na (mg/l)	1300	0.08
Cl (mg/l)	520	0.5
SiO ₂ (mg/l)	19	
SO ₄ (mg/l)	4700	2.5
HCO ₃ (mg/l)	1540	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.82	±0.05
Cond (umhos/cm)	7100	1.0
TDS (mg/l)	8560	
NO ₃ (mg/l)	15	0.2
NH ₃ (mg/l)	0.06	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	0.19	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	0.004	0.001
Cr (mg/l)	<0.042	0.042
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	<0.003	0.003
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	0.032	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.006
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 25

Date 03/14/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	13	
Ca (mg/l)	530	0.06
Mg (mg/l)	700	0.1
K (mg/l)	<2	2
Na (mg/l)	1300	0.08
Cl (mg/l)	520	0.5
SiO ₂ (mg/l)	23	
SO ₄ (mg/l)	4400	2.5
HCO ₃ (mg/l)	1580	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.58	±0.05
Cond (umhos/cm)	7250	1.0
TDS (mg/l)		
NO ₃ (mg/l)	82	0.2
NH ₃ (mg/l)	4.7	0.1
Fe (mg/l)	0.09	0.04
F (mg/l)	0.71	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.043	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.59	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	0.081	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.006
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alph (pCi/L)		
CN (ug/l)		

L-BAR Mine

Well 27

Date 03/16/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	13.5	
Ca (mg/l)	490	0.06
Mg (mg/l)	350	0.1
K (mg/l)	5	0.3
Na (mg/l)	2000	0.08
Cl (mg/l)	370	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	5900	2.5
HCO ₃ (mg/l)	604	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.94	±0.05
Cond (umhos/cm)	8500	1.0
TDS (mg/l)	9660	
NO ₃ (mg/l)		0.2
NH ₃ (mg/l)	1.6	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	0.72	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.032	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)		0.01
Mo (mg/l)		0.01
Ni (mg/l)	<0.003	0.003
Se (mg/l)	<0.005	0.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.14	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 27B

Date 03/07/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	290	0.06
Mg (mg/l)	320	0.1
K (mg/l)	<2	2
Na (mg/l)	1900	0.08
Cl (mg/l)	320	0.5
SiO ₂ (mg/l)	12	
SO ₄ (mg/l)	4300	2.5
HCO ₃ (mg/l)	671	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.98	±0.05
Cond (umhos/cm)	7200	1.0
TDS (mg/l)	8070	
NO ₃ (mg/l)	88	0.2
NH ₃ (mg/l)	0.32	0.1
Fe (mg/l)	0.24	0.04
F (mg/l)	0.81	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.023	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.032	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.003	0.003
Se (mg/l)	0.105	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.13	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 29A

Date 03/07/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	16	
Ca (mg/l)	54	0.06
Mg (mg/l)	20	0.1
K (mg/l)	5	0.3
Na (mg/l)	1600	0.08
Cl (mg/l)	81	0.5
SiO ₂ (mg/l)	12	
SO ₄ (mg/l)	2900	2.5
HCO ₃ (mg/l)	396	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.83	±0.05
Cond (µmhos/cm)	5200	1.0
TDS (mg/l)	4410	
NO ₃ (mg/l)	<0.02	0.02
NH ₃ (mg/l)	2.2	0.1
Fe (mg/l)	0.29	0.04
F (mg/l)	1.4	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	0.011	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.009	.009
Pb (mg/l)	<0.002	.002
Mn (mg/l)	0.009	.002
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.003	0.003
Se (mg/l)	<0.005	0.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.022	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 50

Date 03/12/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	12	
Ca (mg/l)	570	0.06
Mg (mg/l)	540	0.1
K (mg/l)	9	0.3
Na (mg/l)	2100	0.08
Cl (mg/l)	520	0.5
SiO ₂ (mg/l)	11	
SO ₄ (mg/l)	4200	2.5
HCO ₃ (mg/l)	674	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.33	±0.05
Cond (umhos/cm)	9300	1.0
TDS (mg/l)	11400	
NO ₃ (mg/l)	680	0.2
NH ₃ (mg/l)	0.1	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	0.16	0.1
As (mg/l)	<0.01	0.01
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.035	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.043	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.014	0.001
Se (mg/l)	0.54	0.01
V (mg/l)	<0.03	0.03
Zn (mg/l)	<0.006	0.006
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 51

Date 03/21/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	16.5	
Ca (mg/l)	73	0.06
Mg (mg/l)	32	0.1
K (mg/l)	5.1	0.3
Na (mg/l)	1400	0.08
Cl (mg/l)	110	0.5
SiO ₂ (mg/l)	12	
SO ₄ (mg/l)	2400	2.5
HCO ₃ (mg/l)	378	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.64	±0.05
Cond (umhos/cm)	4880	1.0
TDS (mg/l)	4500	
NO ₃ (mg/l)	<0.04	0.04
NH ₃ (mg/l)	1.7	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	1.1	0.1
As (mg/l)	<0.002	0.002
Ba (ug/l)	0.018	.01
Cd (ug/l)		0.001
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.16	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	0.007	.006
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.29	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Ta230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 52

Date 03/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	14.5	
Ca (mg/l)	38	0.06
Mg (mg/l)	14	0.1
K (mg/l)	7	0.3
Na (mg/l)	1300	0.08
Cl (mg/l)	99	0.5
SiO ₂ (mg/l)	12	
SO ₄ (mg/l)	2200	2.5
HCO ₃ (mg/l)	421	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.67	±0.05
Cond (umhos/cm)	4100	1.0
TDS (mg/l)	4100	
NO ₃ (mg/l)	<0.02	0.02
NH ₃ (mg/l)	1.5	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	1.4	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	0.012	.01
Cd (mg/l)	0.005	0.001
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.032	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.007	0.001
Se (mg/l)	0.016	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.022	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 53

Date 03/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	13	
Ca (mg/l)	23	0.06
Mg (mg/l)	8.7	0.1
K (mg/l)	5	0.3
Na (mg/l)	1100	0.08
Cl (mg/l)	240	0.5
SiO ₂ (mg/l)	11	
SO ₄ (mg/l)	1600	2.5
HCO ₃ (mg/l)	459	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.88	±0.05
Cond (umhos/cm)	3500	1.0
TDS (mg/l)	3300	
NO ₃ (mg/l)	<0.02	0.02
NH ₃ (mg/l)	1.2	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	2.3	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.035	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.039	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.003	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.006
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

L-BAR Mine

Well 54

Date 03/22/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15.5	
Ca (mg/l)	26	0.06
Mg (mg/l)	8.1	0.1
K (mg/l)	4	0.3
Na (mg/l)	00	0.08
Cl (mg/l)	< 5	0.5
SiO ₂ (mg/l)	!	
SO ₄ (mg/l)	1900	2.5
HCO ₃ (mg/l)	426	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.84	±0.05
Cond (umhos/cm)	3960	1.0
TDS (mg/l)	3500	
NO ₃ (mg/l)	<0.02	0.02
NH ₃ (mg/l)	1.2	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	1.6	0.1
As (mg/l)	0.008	0.002
Ba (mg/l)	0.012	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	0.003	.002
Mn (mg/l)	0.038	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.015	0.015
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.007	.006
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (ug/l)		

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L-BAR Mine

Well 55

Date 03/21/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	19	
Ca (mg/l)	17	0.06
Mg (mg/l)	6	0.1
K (mg/l)	3.3	0.3
Na (mg/l)	920	0.08
Cl (mg/l)	74	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	1400	2.5
HCO ₃ (mg/l)	486	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.85	±0.05
Cond (umhos/cm)	3300	1.0
TDS (mg/l)	2700	
NO ₃ (mg/l)	<0.04	0.04
NH ₃ (mg/l)	0.96	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	1.6	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.01	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.02	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.002	0.001
Se (mg/l)	0.007	.003
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.014	0.010
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 56

Date 03/14/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	37	0.06
Mg (mg/l)	16	0.1
K (mg/l)	13	0.3
Na (mg/l)	1300	0.08
Cl (mg/l)	62	0.5
SiO ₂ (mg/l)	12	
SO ₄ (mg/l)	2300	2.5
HCO ₃ (mg/l)	411	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.98	±0.05
Cond (umhos/cm)	4200	1.0
TDS (mg/l)	3830	
NO ₃ (mg/l)	0.03	0.2
NH ₃ (mg/l)	1.2	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	1.5	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	0.015	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.02	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.025	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	1.2	0.001
Se (mg/l)	0.011	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.016	0.010
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 57

Date 03/09/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	11.5	
Ca (mg/l)	92	0.06
Mg (mg/l)	86	0.1
K (mg/l)	3	0.3
Na (mg/l)	1000	0.08
Cl (mg/l)	110	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	2100	2.5
HCO ₃ (mg/l)	502	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.39	±0.05
Cond (umhos/cm)	3300	1.0
TDS (mg/l)	3230	
NO ₃ (mg/l)	0.68	0.2
NH ₃ (mg/l)	0.42	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	1.3	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.019	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.011	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.018	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.003	0.003
Se (mg/l)	0.006	.006
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.045	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 58

Date 03/09/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	13.4	
Ca (mg/l)	22	0.06
Mg (mg/l)	12	0.1
K (mg/l)	1.7	0.3
Na (mg/l)	580	0.08
Cl (mg/l)	54	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	770	2.5
HCO ₃ (mg/l)	622	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.62	±0.05
Cond (umhos/cm)	1970	1.0
TDS (mg/l)	1900	
NO ₃ (mg/l)	<0.02	0.02
NH ₃ (mg/l)	0.56	0.1
Fe (mg/l)	0.08	0.04
F (mg/l)	2	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.012	.01
Cd (mg/l)	0.009	0.001
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.02	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.02	0.02
Se (mg/l)	<0.005	0.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.006
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Al ³⁺ (pCi/L)		
CN (mg/l)		

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L-BAX Mine

Well 59

Date 03/09/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	13.5	
Ca (mg/l)	8	0.06
Mg (mg/l)	2.7	0.1
K (mg/l)	1.8	0.3
Na (mg/l)	580	0.08
Cl (mg/l)	58	0.5
SiO ₂ (mg/l)	14	
SO ₄ (mg/l)	640	2.5
HCO ₃ (mg/l)	612	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.89	±0.05
Cond (umhos/cm)	1880	1.0
TDS (mg/l)	1490	
NO ₃ (mg/l)	0.04	0.2
NH ₃ (mg/l)	0.62	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	2.1	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.01	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.006	.002
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.003	0.003
Se (mg/l)	<0.005	0.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.012	0.010
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
il (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

L-BAR Mine

Well 60

Date 03/09/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	16	
Ca (mg/l)	7.9	0.06
Mg (mg/l)	2.7	0.1
K (mg/l)	1.6	0.3
Na (mg/l)	540	0.08
Cl (mg/l)	49	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	610	2.5
HCO ₃ (mg/l)	604	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.96	±0.05
Cond (umhos/cm)	1800	1.0
TDS (mg/l)	1630	
NO ₃ (mg/l)	<0.02	0.02
NH ₃ (mg/l)	0.68	0.1
Fe (mg/l)	0.03	0.04
F (mg/l)	2	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.025	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.068	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.003	0.003
Se (mg/l)	<0.005	0.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.008	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 61

Date 03/12/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	12.2	
Ca (mg/l)	330	0.06
Mg (mg/l)	170	0.1
K (mg/l)	<2	2
Na (mg/l)	1100	0.08
Cl (mg/l)	120	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	3500	2.5
HCO ₃ (mg/l)	388	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.62	±0.05
Cond (umhos/cm)	4400	1.0
TDS (mg/l)	5210	
NO ₃ (mg/l)	0.13	0.2
NH ₃ (mg/l)	0.25	0.1
Fe (mg/l)	0.11	0.01
F (mg/l)	0.56	0.1
As (mg/l)	<0.01	0.01
Ba (mg/l)	0.031	0.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.023	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.25	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.005	0.001
Se (mg/l)	<0.005	0.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.089	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAL		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 62

Date 03/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	14	
Ca (mg/l)	7.6	0.06
Mg (mg/l)	5.9	0.1
K (mg/l)	3	0.3
Na (mg/l)	540	0.08
Cl (mg/l)	48	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	470	2.5
HCO ₃ (mg/l)	598	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.91	±0.05
Cond (umhos/cm)	1720	1.0
TDS (mg/l)	1400	
NO ₃ (mg/l)	<0.02	0.02
NH ₃ (mg/l)	0.63	0.1
Fe (mg/l)	<0.03	0.04
F (mg/l)	1.8	0.1
As (mg/l)	<0.002	0.002
B (mg/l)	<0.009	0.009
Cd (mg/l)	0.005	0.001
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	0.003	.002
Mn (mg/l)	0.011	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.002	0.001
Se (mg/l)	0.005	.003
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.006
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	0.9	0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)	<0.03	0.03
Be (ug/ml)	<0.002	0.002
Co (ug/ml)	<0.03	0.03
Cu (ug/ml)	<0.025	0.025
Sb (ug/ml)	<0.2	0.2
Tl (ug/ml)	<0.003	0.003
Ra228 (pCi/L)	<2.8	2.8
Alpha (pCi/L)	<4.2	4.2
CN (mg/l)	<0.01	0.01

L-BAR Mine

Well 63

Date 03/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	14	
Ca (mg/l)	39	0.06
Mg (mg/l)	5.9	0.1
K (mg/l)	3	0.3
Na (mg/l)	540	0.08
Cl (mg/l)	48	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	470	2.5
HCO ₃ (mg/l)	598	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.91	±0.05
Cond (umhos/cm)	1720	1.0
TDS (mg/l)	1400	
NO ₃ (mg/l)	<0.02	0.02
NH ₃ (mg/l)	0.63	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	1.8	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	0.012	.01
Cd (mg/l)	0.005	0.001
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	0.003	.002
Mn (mg/l)	0.011	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.002	0.001
Se (mg/l)	0.005	.003
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.006
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 63

Date 03/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	16	
Ca (mg/l)	9.4	0.06
Mg (mg/l)	4.3	0.1
K (mg/l)	2.1	0.3
Na (mg/l)	520	0.08
Cl (mg/l)	59	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	510	2.5
HCO ₃ (mg/l)	584	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.93	±0.05
Cond (umhos/cm)	1620	1.0
TDS (mg/l)	1500	
NO ₃ (mg/l)	0.05	0.2
NH ₃ (mg/l)	0.58	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	2	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.016	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	0.001	.001
Mn (mg/l)	0.051	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.002	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.006
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 63A

Date 03/11/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	13	
Ca (mg/l)	140	0.06
Mg (mg/l)	79	0.1
K (mg/l)	<2	2
Na (mg/l)	34	0.08
Cl (mg/l)	76	0.5
SiO ₂ (mg/l)	18	
SO ₄ (mg/l)	440	2.5
HCO ₃ (mg/l)	223	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.2	±0.05
Cond (umhos/cm)	880	1.0
TDS (mg/l)	870	
NO ₃ (mg/l)	1.5	0.2
NH ₃ (mg/l)	0.21	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	1.2	0.1
As (mg/l)	<0.01	0.01
Ba (mg/l)	0.079	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.01	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.007	.003
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.003	0.003
Se (mg/l)	<0.005	0.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.086	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 64

Date 03/22/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	16.5	
Ca (mg/l)	8.5	0.06
Mg (mg/l)	6.8	0.1
K (mg/l)	2.4	0.3
Na (mg/l)	450	0.08
Cl (mg/l)	56	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	410	2.5
HCO ₃ (mg/l)	540	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.95	±0.05
Cond (umhos/cm)	1650	1.0
TDS (mg/l)	1300	
NO ₃ (mg/l)	<0.02	0.02
NH ₃ (mg/l)	0.54	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	1.9	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.034	.01
Cd (mg/l)	0.014	0.001
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	0.002	.002
Mn (mg/l)	0.11	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.004	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.006
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 65

Date 03/21/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	10	0.06
Mg (mg/l)	12	0.1
K (mg/l)	3	0.3
Na (mg/l)	420	0.08
Cl (mg/l)	44	0.5
SiO ₂ (mg/l)	14	
SO ₄ (mg/l)	400	2.5
HCO ₃ (mg/l)	549	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.8	±0.05
Cond (umhos/cm)	1900	1.0
TDS (mg/l)	1100	
NO ₃ (mg/l)	0.11	0.2
NH ₃ (mg/l)	0.4	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	1.7	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.054	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.008	.003
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.002	0.001
Se (mg/l)	0.005	.003
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.29	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 66

Date 03/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	330	0.06
Mg (mg/l)	300	0.1
K (mg/l)	<2	2
Na (mg/l)	1400	0.08
Cl (mg/l)	36	0.5
SiO ₂ (mg/l)	14	
SO ₄ (mg/l)	4000	2.5
HCO ₃ (mg/l)	478	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.88	±0.05
Cond (umhos/cm)	5800	1.0
TDS (mg/l)	6800	
NO ₃ (mg/l)	<0.2	0.2
NH ₃ (mg/l)	1.8	0.1
Fe (mg/l)	1.8	0.04
F (mg/l)	0.3	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.02	.01
Cd (mg/l)		0.001
Cr (mg/l)	0.022	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)		0.01
Mo (mg/l)		0.01
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.13	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 67

Date 03/21/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	16.5	
Ca (mg/l)	210	0.06
Mg (mg/l)	190	0.1
K (mg/l)	4.1	0.3
Na (mg/l)	1200	0.08
Cl (mg/l)	75	0.5
SiO ₂ (mg/l)	14	
SO ₄ (mg/l)	3000	2.5
HCO ₃ (mg/l)	639	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.9	±0.05
Cond (umhos/cm)	5000	1.0
TDS (mg/l)	5200	
NO ₃ (mg/l)	<0.02	0.02
NH ₃ (mg/l)	1.7	0.1
Fe (mg/l)	1.1	0.04
F (mg/l)	0.28	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.029	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.46	0.01
Mo (mg/l)	<0.05	0.05
Li (mg/l)	0.004	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.11	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 68

Date 03/15/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	13	
Ca (mg/l)	14	0.06
Mg (mg/l)	5.1	0.1
K (mg/l)	4	0.3
Na (mg/l)	820	0.08
Cl (mg/l)	82	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	1200	2.5
HCO ₃ (mg/l)	543	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.96	±0.05
Cond (umhos/cm)	2520	1.0
TDS (mg/l)	2090	
NO ₃ (mg/l)	0.04	0.2
NH ₃ (mg/l)	0.83	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	1.8	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.038	.01
Cd (mg/l)	0.008	0.001
Cr (mg/l)	0.017	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.087	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	0.006	.003
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.01	.01
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 69

Date 03/15/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	12	
Ca (mg/l)	510	0.06
Mg (mg/l)	620	0.1
K (mg/l)	<6	6
Na (mg/l)	1200	0.08
Cl (mg/l)	530	0.5
SiO ₂ (mg/l)	27	
SO ₄ (mg/l)	4800	2.5
HCO ₃ (mg/l)	1684	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.66	±0.05
Cond (umhos/cm)	3600	1.0
TDS (mg/l)	10000	
NO ₃ (mg/l)	2.9	0.2
NH ₃ (mg/l)	0.68	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	0.1	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.028	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.2	0.01
Mo (mg/l)	<0.05	0.005
Ni (mg/l)	0.004	0.001
Se (mg/l)	0.046	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.006
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 72

Date 03/11/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	13	
Ca (mg/l)	300	0.06
Mg (mg/l)	180	0.1
K (mg/l)	7	0.3
Na (mg/l)	1400	0.08
Cl (mg/l)	150	0.5
SiO ₂ (mg/l)	15	
SO ₄ (mg/l)	5200	2.5
HCO ₃ (mg/l)	388	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	8.2	±0.05
Cond (umhos/cm)	4800	1.0
TDS (mg/l)	6150	
NO ₃ (mg/l)	0.24	0.2
NH ₃ (mg/l)	0.44	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	0.89	0.1
As (mg/l)	<0.01	0.01
Ba (mg/l)	0.04	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.028	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.21	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.004	0.001
Se (mg/l)	<0.005	0.005
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.079	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 73

Date 03/23/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	14	
Ca (mg/l)	200	0.06
Mg (mg/l)	82	0.1
K (mg/l)	5.2	0.3
Na (mg/l)	1500	0.08
Cl (mg/l)	94	0.5
SiO ₂ (mg/l)	14	
SO ₄ (mg/l)	3000	2.5
HCO ₃ (mg/l)	802	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.86	±0.05
Cond (u-mhos/cm)	5500	1.0
TDS (mg/l)	5500	
NO ₃ (mg/l)	<0.01	0.01
NH ₃ (mg/l)	1.9	0.1
Fe (mg/l)	1.3	0.04
F (mg/l)	0.83	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	0.023	.01
Cd (mg/l)	0.011	0.001
Cr (mg/l)	0.042	0.01
Pb (mg/l)	0.001	.001
Mn (mg/l)	0.27	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.047	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 74

Date 03/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	12	
Ca (mg/l)	72	0.06
Mg (mg/l)	33	0.1
K (mg/l)	5	0.3
Na (mg/l)	1500	0.08
Cl (mg/l)	110	0.5
SiO ₂ (mg/l)	12	
SO ₄ (mg/l)	2700	2.5
HCO ₃ (mg/l)	373	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.6	±0.05
Cond (umhos/cm)	4600	1.0
TDS (mg/l)	4800	
NO ₃ (mg/l)	<0.02	0.02
NH ₃ (mg/l)	1.9	0.1
Fe (mg/l)	0.07	0.04
F (mg/l)	1.1	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	0.022	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.047	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	0.012	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.038	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 75

Date 03/22/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	17.5	
Ca (mg/l)	170	0.06
Mg (mg/l)	160	0.1
K (mg/l)	4.8	0.3
Na (mg/l)	1300	0.08
Cl (mg/l)	70	0.5
SiO ₂ (mg/l)	12	
SO ₄ (mg/l)	3200	2.5
HCO ₃ (mg/l)	538	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.09	±0.05
Cond (umhos/cm)	5500	1.0
TDS (mg/l)	5300	
NO ₃ (mg/l)	<0.06	0.06
NH ₃ (mg/l)	2	0.1
Fe (mg/l)	0.12	0.04
F (mg/l)	0.37	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	0.031	.01
Cd (mg/l)	0.008	0.001
Cr (mg/l)	0.042	0.01
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.15	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.071	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (ug/l)		

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L-BAR Mine

Well 76

Date 03/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	11	
Ca (mg/l)	290	0.06
Mg (mg/l)	130	0.1
K (mg/l)	<2	2
Na (mg/l)	1000	0.08
Cl (mg/l)	90	0.5
SiO ₂ (mg/l)	12	
SO ₄ (mg/l)	2500	2.5
HCO ₃ (mg/l)	409	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.43	±0.05
Cond (umhos/cm)	4150	1.0
TDS (mg/l)	4400	
NO ₃ (mg/l)	0.14	0.2
NH ₃ (mg/l)	<0.02	0.02
Fe (mg/l)	<0.03	0.03
F (mg/l)	0.65	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.013	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.015	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.016	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	0.006	.003
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.058	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/l)		
CN (mg/l)		

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L-BAR Mine

Well 76A

Date 03/22/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	12.5	
Ca (mg/l)	370	0.06
Mg (mg/l)	160	0.1
K (mg/l)	3.1	0.3
Na (mg/l)	1400	0.08
Cl (mg/l)	140	0.5
SiO ₂ (mg/l)	12	
SO ₄ (mg/l)	4000	2.5
HCO ₃ (mg/l)	406	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.16	±0.05
Cond (umhos/cm)	5950	1.0
TDS (mg/l)		
NO ₃ (mg/l)	0.07	0.2
NH ₃ (mg/l)	<0.02	0.02
Fe (mg/l)	<0.03	0.03
F (mg/l)	0.63	0.1
As (mg/l)	<0.004	0.004
Br (mg/l)	0.04	0.01
Cd (mg/l)	0.011	0.001
Cr (mg/l)	0.053	0.01
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.083	0.01
Mo (mg/l)	0.06	0.01
Ni (mg/l)	0.009	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.074	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 77

Date 03/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	10.5	
Ca (mg/l)	420	0.06
Mg (mg/l)	630	0.1
K (mg/l)	<2	2
Na (mg/l)	1400	0.08
Cl (mg/l)	500	0.5
SiO ₂ (mg/l)	14	
SO ₄ (mg/l)	4700	2.5
HCO ₃ (mg/l)	220	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.11	±0.05
Cond (umhos/cm)	6500	1.0
TDS (mg/l)	8400	
NO ₃ (mg/l)	8.8	0.2
NH ₃ (mg/l)	0.24	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	0.37	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.012	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.038	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.01	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	0.061	0.01
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.006	0.006
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 78

Date 03/22/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	18	
Ca (mg/l)	330	0.06
Mg (mg/l)	250	0.1
K (mg/l)	1.7	0.3
Na (mg/l)	1100	0.08
Cl (mg/l)	160	0.5
SiO ₂ (mg/l)	15	
SO ₄ (mg/l)	3700	2.5
HCO ₃ (mg/l)	481	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.76	±0.05
Cond (umhos/cm)	5700	1.0
TDS (mg/l)	580	
NO ₃ (mg/l)	0.02	0.2
NH ₃ (mg/l)	0.86	0.1
Fe (mg/l)	0.41	0.04
F (mg/l)	0.28	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	0.033	.01
Cd (mg/l)	0.018	0.001
Cr (mg/l)	0.073	0.01
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.24	0.01
Mo (mg/l)	0.07	0.01
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.14	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 79

Date 03/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	12	
Ca (mg/l)	47	0.06
Mg (mg/l)	48	0.1
K (mg/l)	3	0.3
Na (mg/l)	1300	0.08
Cl (mg/l)	100	0.5
SiO ₂ (mg/l)	12	
SO ₄ (mg/l)	2000	2.5
HCO ₃ (mg/l)	550	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.74	±0.05
Cond (umhos/cm)	4150	1.0
TDS (mg/l)	4000	
NO ₃ (mg/l)	<0.02	0.02
NH ₃ (mg/l)	0.71	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	2.6	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	0.038	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.023	0.01
Mo (mg/l)	<0.03	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.594	0.594
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.025	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 81

Date (3/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	14	
Ca (mg/l)	260	0.06
Mg (mg/l)	240	0.1
K (mg/l)	2	0.3
Na (mg/l)	1100	0.08
Cl (mg/l)	83	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	3000	2.5
HCO ₃ (mg/l)	428	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.12	±0.05
Cond (umhos/cm)	4660	1.0
TDS (mg/l)	5300	
NO ₃ (mg/l)	<0.02	0.02
NH ₃ (mg/l)	1.2	0.1
Fe (mg/l)	0.78	0.04
F (mg/l)	0.34	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.019	.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	0.011	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.11	0.01
Mo (mg/l)	240	0.01
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.003	0.003
Zn (mg/l)	0.27	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

H01100R375

L-BAR Mine
Well 1A
Date 06/22/88
Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	18	
Ca (mg/l)	25	0.06
Mg (mg/l)	9	0.1
K (mg/l)	4.1	0.3
Na (mg/l)	1100	0.08
Cl (mg/l)	82	0.5
SiO ₂ (mg/l)	9.6	
SO ₄ (mg/l)	1600	2.5
HCO ₃ (mg/l)	470	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.65	±0.05
Cond (umhos/cm)	3990	1.0
TDS (mg/l)	3070	
NO ₃ (mg/l)	0.2	0.2
NH ₃ (mg/l)	0.92	0.2
Fe (mg/l)	<0.04	0.04
F (mg/l)	3	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	0.012	.009
Cd (mg/l)	0.01	0.001
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	0.002	.001
Mn (mg/l)	0.05	0.01
Hg (mg/l)	<0.00012	
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.036	0.020
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	0.3	0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/l)	<0.03	0.03
Be (ug/ml)	0.01	.002
Co (ug/ml)	<0.01	0.01
Cu (ug/ml)	<0.025	0.025
Sb (ug/ml)	<0.2	0.2
Tl (ug/ml)	<0.002	0.002
Ra228 (pCi/l)	<2.8	2.8
Alpha (pCi/l)	<7.4	7.4
CN (mg/l)	<0.01	0.01

L-BAR Mine

Well 2A

Date 06/17/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	17	
Ca (mg/l)	540	0.06
Mg (mg/l)	670	0.1
K (mg/l)	39	0.3
Na (mg/l)	3380	0.08
Cl (mg/l)	980	0.5
SiO ₂ (mg/l)	3.7	
SO ₄ (mg/l)	6300	2.5
HCO ₃ (mg/l)	1089	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.56	±0.05
Cond (umhos/cm)	11100	1.0
TDS (mg/l)	14300	
NO ₃ (mg/l)	320	0.2
NH ₃ (mg/l)	<0.1	0.1
Fe (mg/l)	<0.03	0.04
F (mg/l)	9	0.1
As (mg/l)	0.008	0.002
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	0.004	0.001
Cr (mg/l)	0.045	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.074	0.01
Mo (mg/l)	0.06	0.01
Ni (mg/l)	<0.01	0.001
Se (mg/l)	0.64	0.01
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.11	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (ug/l)		

H01100R375

L-BAR Mine

Well 3A

Date 06/23/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	360	0.06
Mg (mg/l)	843	0.1
K (mg/l)	24	0.3
Na (mg/l)	4000	0.08
Cl (mg/l)	580	0.5
SiO ₂ (mg/l)	20	
SO ₄ (mg/l)	10800	2.5
HCO ₃ (mg/l)	836	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.11	±0.05
Cond (umhos/cm)	13900	1.0
TDS (mg/l)	17900	
NO ₃ (mg/l)	3.8	0.2
NH ₃ (mg/l)	<0.1	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	9	0.1
As (mg/l)	<0.008	0.008
Ba (mg/l)	<0.01	0.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	<0.01	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.013	0.001
Se (mg/l)	0.16	0.01
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.058	0.020
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	0.5	0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

H01100R375

L-BAR Mine

Well 3B

Date 06/25/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	490	0.06
Mg (mg/l)	860	0.1
K (mg/l)	18	0.3
Na (mg/l)	2500	0.08
Cl (mg/l)	640	0.5
SiO ₂ (mg/l)	38	
SO ₄ (mg/l)	6400	.5
HCO ₃ (mg/l)	1775	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.86	±0.05
Cond (umhos/cm)	10050	1.0
TDS (mg/l)	12400	
NO ₃ (mg/l)	1.5	0.2
NH ₃ (mg/l)	<0.04	0.04
Fe (mg/l)	0.047	0.04
F (mg/l)	9.4	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.01	0.01
Cd (mg/l)	0.008	0.001
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	0.001	.001
Mn (mg/l)	0.017	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.01	0.001
Se (mg/l)	<0.05	0.05
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.12	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

HC1100R375

L-BAR Mine

Well 4A

Date 06/27/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	540	0.06
Mg (mg/l)	520	0.1
K (mg/l)	25	0.3
Na (mg/l)	1100	0.08
Cl (mg/l)	380	0.5
SiO ₂ (mg/l)	15	
SO ₄ (mg/l)	3900	2.5
HCO ₃ (mg/l)	653	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.05	±0.05
Cond (umhos/cm)	6050	1.0
TDS (mg/l)	7300	
NC ₃ (mg/l)	7	0.2
NH ₃ (mg/l)	4.4	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	4.7	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.01	0.01
Cd (mg/l)	0.006	0.001
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	0.003	.001
Mn (mg/l)	<0.01	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.006	0.001
Se (mg/l)	0.092	0.01
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.069	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ka228 (pCi/L)		
Alpha (pCi/L)		
CN (ug/l)		

H01100R375

L-BAR Mine

Well 5

Date 06/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	16	
Ca (mg/l)	350	0.06
Mg (mg/l)	390	0.1
K (mg/l)	12	0.3
Na (mg/l)	2200	0.08
Cl (mg/l)	390	0.5
SiO ₂ (mg/l)	18	
SO ₄ (mg/l)	4800	2.5
HCO ₃ (mg/l)	952	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.73	±0.05
Cond (umhos/cm)	8400	1.0
TDS (mg/l)	8980	
NO ₃ (mg/l)	1.3	0.2
NH ₃ (mg/l)	0.8	0.1
Fe (mg/l)	2.6	0.04
F (mg/l)	4.7	0.1
As (mg/l)	0.008	0.002
Ba (mg/l)	<0.009	0.009
Cd (mg/l)	0.006	0.001
Cr (mg/l)	0.041	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.048	0.01
Mo (mg/l)	0.08	0.01
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.25	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (ug/l)		

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L-BAR Mine

Well 6

Date 06/15/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	50	0.06
Mg (mg/l)	22	0.1
K (mg/l)	6.7	0.3
Na (mg/l)	1200	0.08
Cl (mg/l)	94	0.5
SiO ₂ (mg/l)	10	
SO ₄ (mg/l)	2200	2.5
HCO ₃ (mg/l)	413	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.67	±0.05
Cond (umhos/cm)	4300	1.0
TDS (mg/l)	3900	
NO ₃ (mg/l)	0.31	0.2
NH ₃ (mg/l)	1.2	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	3.5	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.01	0.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.02	0.01
Mu (mg/l)	<0.05	0.05
Ni (mg/l)	0.014	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.05	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
Can		
Ag (ug/ml)		
Be (ug/l)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (ug/l)		

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L-BAR Mine

Well 7

Date 06/15/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	17	
Ca (mg/l)	25	0.06
Mg (mg/l)	9.8	0.1
K (mg/l)	4.7	0.3
Na (mg/l)	1000	0.08
Cl (mg/l)	74	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	1500	2.5
HCO ₃ (mg/l)	477	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.68	±0.05
Cond (umhos/cm)	3300	1.0
TDS (mg/l)	3000	
NO ₃ (mg/l)	0.32	0.2
NH ₃ (mg/l)	1.3	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	3.1	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.01	0.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	<0.01	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.009	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	0.6	0.08
Th230 (pCi/l)	0.56	0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 8

Date 06/20/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	17	
Ca (mg/l)	24	0.06
Mg (mg/l)	10	0.1
K (mg/l)	4.8	0.3
Na (mg/l)	1000	0.08
Cl (mg/l)	77	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	1300	2.5
HCO ₃ (mg/l)	560	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.62	±0.05
Cond (umhos/cm)	3360	1.0
TDS (mg/l)	2680	
NO ₃ (mg/l)	16	0.2
NH ₃ (mg/l)	0.5	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	2.8	0.1
As (mg/l)	0.002	0.002
Ba (mg/l)	0.014	.01
Cd (mg/l)	0.005	0.001
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.006	.001
Mo (mg/l)	0.08	0.01
Ni (mg/l)	<0.001	0.001
Se (mg/l)	0.01	0.01
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.032	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 9

Date 06/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	19	
Ca (mg/l)	19	0.06
Mg (mg/l)	5.7	0.1
K (mg/l)	4.7	0.3
Na (mg/l)	1000	0.08
Cl (mg/l)	71	0.5
SiO ₂ (mg/l)	15	
SO ₄ (mg/l)	1300	2.5
HCO ₃ (mg/l)	481	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.92	± .05
Cond (umhos/cm)	3250	1.0
TDS (mg/l)	2680	
NO ₃ (mg/l)	0.88	0.2
NH ₃ (mg/l)	0.5	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	2.8	0.1
As (mg/l)	0.002	0.002
Ba (mg/l)	0.016	.01
Cd (mg/l)	0.007	0.001
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.054	0.01
Mo (mg/l)	0.09	0.01
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.024	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

H01100R375

L-BAR Mine

Well 10

Date 06/14/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	18	
Ca (mg/l)	190	0.06
Mg (mg/l)	66	0.1
K (mg/l)	13	0.3
Na (mg/l)	2800	0.08
Cl (mg/l)	790	0.5
SiO ₂ (mg/l)	12	
SO ₄ (mg/l)	5400	2.5
HCO ₃ (mg/l)	721	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.02	±0.05
Cond (umhos/cm)	9000	1.0
TDS (mg/l)	10400	
NO ₃ (mg/l)	46	0.2
NH ₃ (mg/l)	0.2	0.1
Fe (mg/l)	0.05	0.04
F (mg/l)	8.3	0.1
As (mg/l)	<0.008	0.008
Ba (mg/l)	<0.01	0.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.02	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.015	0.010
Se (mg/l)	<0.015	0.015
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.79	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

H01100R375

L-BAR Mine

Well 10A

Date 06/20/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	19	
Ca (mg/l)	31	0.06
Mg (mg/l)	10	0.1
K (mg/l)	4.9	0.3
Na (mg/l)	1200	0.08
Cl (mg/l)	110	0.5
SiO ₂ (mg/l)	12	
SO ₄ (mg/l)	1800	2.5
HCO ₃ (mg/l)	461	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.66	±0.05
Cond (umhos/cm)	4060	1.0
TDS (mg/l)	3410	
NO ₃ (mg/l)	1.2	0.2
NH ₃ (mg/l)	0.5	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	3.2	0.1
As (mg/l)	0.004	0.002
Ba (mg/l)	0.015	.01
Cd (mg/l)	0.009	0.001
Cr (mg/l)	0.011	0.01
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.023	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.028	0.020
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	0.6	n n n
Th230 (pCi/l)	0.26	0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 11

Date 06/27/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	18	
Ca (mg/l)	12	0.06
Mg (mg/l)	4	0.1
K (mg/l)	2.7	0.3
Na (mg/l)	600	0.08
Cl (mg/l)	42	0.5
SiO ₂ (mg/l)	16	
SO ₄ (mg/l)	570	2.5
HCO ₃ (mg/l)	591	1.0
CO ₃ (mg/l)	6	1.0
Alkalinity (meq/l)		
pH	8.24	±0.05
Cond (umhos/cm)	2010	1.0
TDS (mg/l)	1600	
NO ₃ (mg/l)	0.08	0.2
NH ₃ (mg/l)	<0.08	0.08
Fe (mg/l)	<0.04	0.04
F (mg/l)	3.3	0.1
As (mg/l)	0.008	0.002
Ba (mg/l)	0.028	.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	0.002	.002
Mn (mg/l)	0.036	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.003	0.001
Se (mg/l)	<0.05	0.05
V (mg/l)	0.006	.003
Zn (mg/l)	0.032	0.020
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	0.18	0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 12

Date 06/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	17.5	
Ca (mg/l)	14	0.06
Mg (mg/l)	4.5	0.1
K (mg/l)	4	0.3
Na (mg/l)	810	0.08
Cl (mg/l)	56	0.5
SiO ₂ (mg/l)	15	
SO ₄ (mg/l)	920	2.5
HCO ₃ (mg/l)	585	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.9	±0.05
Cond (umhos/cm)	2700	1.0
TDS (mg/l)	2030	
NO ₃ (mg/l)	0.35	0.2
NH ₃ (mg/l)	<0.01	0.01
Fe (mg/l)	<0.03	0.03
F (mg/l)	2.5	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.02	.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.01	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.069	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

H01100R375

L-BAR Mine

Well 12A

Date 06/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	18	
Ca (mg/l)	8.7	0.06
Mg (mg/l)	3.2	0.1
K (mg/l)	3.4	0.3
Na (mg/l)	680	0.08
Cl (mg/l)	48	0.5
SiO ₂ (mg/l)	16	
SO ₄ (mg/l)	630	2.5
HCO ₃ (mg/l)	603	1.0
CO ₃ (mg/l)	13	1.0
Alkalinity (meq/l)		
pH	7.91	±0.05
Cond (umhos/cm)	1980	1.0
TDS (mg/l)	1600	
NO ₃ (mg/l)	0.2	0.2
NH ₃ (mg/l)	0.4	0.1
Fe (mg/l)	<0.03	0.03
F (mg/l)	2.5	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.017	.01
Cd (mg/l)	0.008	0.001
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.004	.002
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.16	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 13

Date 06/27/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	19	
Ca (mg/l)	4	0.06
Mg (mg/l)	3.8	0.1
K (mg/l)	9.6	0.3
Na (mg/l)	430	0.08
Cl (mg/l)	30	0.5
SiO ₂ (mg/l)	23	
SO ₄ (mg/l)	440	2.5
HCO ₃ (mg/l)	270	1.0
CO ₃ (mg/l)	55	1.0
Alkalinity (meq/l)		
pH	8.82	±0.05
Cond (umhos/cm)	1400	1.0
TDS (mg/l)	1700	
NO ₃ (mg/l)	16	0.2
NH ₃ (mg/l)	0.42	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	2.8	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.021	.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	<0.01	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.007	0.001
Se (mg/l)	<0.05	0.05
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.027	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 13B

Date 06/28/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	14.5	
Ca (mg/l)	420	0.06
Mg (mg/l)	960	0.1
K (mg/l)	7.3	0.3
Na (mg/l)	3900	0.08
Cl (mg/l)	600	0.5
SiO ₂ (mg/l)	16	
SO ₄ (mg/l)	10600	2.5
HCO ₃ (mg/l)	1003	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.83	±0.05
Cond (umhos/cm)	14800	1.0
TDS (mg/l)	18000	
NO ₃ (mg/l)	6.5	0.2
NH ₃ (mg/l)	<0.1	0.1
Fe (mg/l)	0.5	0.04
F (mg/l)	10	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.046	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.03	0.03
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.021	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (ug/l)		

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L-BAR Mine

Well 14

Date 06/23/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	17	
Ca (mg/l)	250	0.06
Mg (mg/l)	140	0.1
K (mg/l)	13	0.3
Na (mg/l)	2200	0.08
Cl (mg/l)	310	0.5
SiO ₂ (mg/l)	15	
SO ₄ (mg/l)	4600	2.5
HCO ₃ (mg/l)	639	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.54	±0.05
Cond (umhos/cm)	8020	1.0
TDS (mg/l)	7900	
NO ₃ (mg/l)	<0.1	0.1
NH ₃ (mg/l)	1.4	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	5.4	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	0.012	.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.079	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.003	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.13	0.020
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	0.5	0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 15

Date 06/22/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	450	0.06
Mg (mg/l)	480	0.1
K (mg/l)	26	0.3
Na (mg/l)	1200	0.08
Cl (mg/l)	370	0.5
SiO ₂ (mg/l)	16	
SO ₄ (mg/l)	4000	2.5
HCO ₃ (mg/l)	897	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.58	±0.05
Cond (umhos/cm)	6040	1.0
TDS (mg/l)	7700	
NO ₃ (mg/l)	8.2	0.2
NH ₃ (mg/l)	<0.1	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	4.6	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.01	0.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	<0.01	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.005	0.001
Se (mg/l)	0.06	0.01
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.023	0.020
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	1.9	0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 17

Date 06/29/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	16	
Ca (mg/l)	160	0.06
Mg (mg/l)	110	0.1
K (mg/l)	11	0.3
Na (mg/l)	1400	0.08
Cl (mg/l)	98	0.5
SiO ₂ (mg/l)	0.5	
SO ₄ (mg/l)	2700	2.5
HCO ₃ (mg/l)	697	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.93	±0.05
Cond (umhos/cm)	5000	1.0
TDS (mg/l)	4900	
NO ₃ (mg/l)	0.48	0.2
NH ₃ (mg/l)	0.69	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	3.7	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.016	.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.38	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.002	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.022	0.010
U (mg/l)	<0.5	0.1
Ra226 (pCi/l)	0.8	0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 17B

Date 06/22/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	19	
Ca (mg/l)	600	0.06
Mg (mg/l)	520	0.1
K (mg/l)	45	0.3
Na (mg/l)	2400	0.08
Cl (mg/l)	470	0.5
SiO ₂ (mg/l)	11	
SO ₄ (mg/l)	4400	2.5
HCO ₃ (mg/l)	520	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.88	±0.05
Cond (umhos/cm)	11700	1.0
TDS (mg/l)	11800	
NO ₃ (mg/l)	20	0.2
NH ₃ (mg/l)	<0.1	0.1
Fe (mg/l)	0.2	0.04
F (mg/l)	2.6	0.1
As (mg/l)	0.002	0.002
Ba (mg/l)	<0.01	0.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.014	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.016	0.001
Se (mg/l)	0.46	0.01
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.23	0.020
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	1	0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)	<0.03	0.03
Be (ug/ml)	<0.002	0.002
Co (ug/ml)	<0.01	0.01
Cu (ug/ml)	<0.025	0.025
Sb (ug/ml)	0.24	
Tl (ug/ml)	<0.002	0.002
Ra228 (pCi/L)	<2.7	2.7
Alpha (pCi/L)	<15.1	15.1
CN (mg/l)	0.1	

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L-BAR Mine

Well 21

Date 06/16/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	19	
Ca (mg/l)	33	0.06
Mg (mg/l)	9.6	0.1
K (mg/l)	5.6	0.3
Na (mg/l)	1200	0.08
Cl (mg/l)	92	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	2100	2.5
HCO ₃ (mg/l)	410	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.75	±0.05
Cond (umhos/cm)	4200	1.0
TDS (mg/l)	3900	
NO ₃ (mg/l)	0.36	0.2
NH ₃ (mg/l)	1.3	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	3.6	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.01	0.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	<0.01	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.008	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	1.3	0.08
Th230 (pCi/l)	0.19	0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 22

Date 06/20/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	14	
Ca (mg/l)	500	0.06
Mg (mg/l)	540	0.1
K (mg/l)	2.8	0.3
Na (mg/l)	1500	0.08
Cl (mg/l)	470	0.5
SiO ₂ (mg/l)	28	
SO ₄ (mg/l)	3700	2.5
HCO ₃ (mg/l)	1470	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.51	±0.05
Cond (umhos/cm)	7400	1.0
TDS (mg/l)	8030	
NO ₃ (mg/l)	52	0.2
NH ₃ (mg/l)	<0.1	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	6.1	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	0.005	0.001
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.14	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.022	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 23

Date 06/15/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	440	0.06
Mg (mg/l)	490	0.1
K (mg/l)	17	0.3
Na (mg/l)	1200	0.08
Cl (mg/l)	400	0.5
SiO ₂ (mg/l)	17	
SO ₄ (mg/l)	4200	2.5
HCO ₃ (mg/l)	958	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)	958	
pH	6.82	±0.05
Cond (umhos/cm)	6500	1.0
TDS (mg/l)	8100	
NO ₃ (mg/l)	6.8	0.2
NH ₃ (mg/l)	<0.2	0.2
Fe (mg/l)	<0.04	0.04
F (mg/l)	5.6	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.01	.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	<0.01	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.004	0.001
Se (mg/l)	0.06	0.01
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 24

Date 06/15/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	16	
Ca (mg/l)	480	0.06
Mg (mg/l)	550	0.1
K (mg/l)	18	0.3
Na (mg/l)	1300	0.08
Cl (mg/l)	570	0.5
SiO ₂ (mg/l)	21	
SO ₄ (mg/l)	4000	2.5
HCO ₃ (mg/l)	1495	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.6	±0.05
Cond (umhos/cm)	7000	1.0
TDS (mg/l)	8600	
NO ₃ (mg/l)	24	0.2
NH ₃ (mg/l)	<0.2	0.2
Fe (mg/l)	<0.04	0.04
F (mg/l)	6.3	0.1
As (mg/l)	0.004	0.002
Ba (mg/l)	0.02	.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	<0.01	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.006	0.001
Se (mg/l)	0.108	0.01
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 25

Date 06/22/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	490	0.06
Mg (mg/l)	620	0.1
K (mg/l)	22	0.3
Na (mg/l)	1400	0.08
Cl (mg/l)	610	0.5
SiO ₂ (mg/l)	24	
SO ₄ (mg/l)	4000	2.5
HCO ₃ (mg/l)	1490	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.35	±0.05
Cond (umhos/cm)	7080	1.0
TDS (mg/l)	8800	
NO ₃ (mg/l)	82	0.2
NH ₃ (mg/l)	4.4	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	6.8	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.01	0.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.54	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.005	0.001
Se (mg/l)	0.16	0.01
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.022	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 27

Date 06/23/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	17	
Ca (mg/l)	520	0.06
Mg (mg/l)	390	0.1
K (mg/l)	22	0.3
Na (mg/l)	2200	0.08
Cl (mg/l)	380	0.5
SiO ₂ (mg/l)	16	
SO ₄ (mg/l)	5900	2.5
HCO ₃ (mg/l)	596	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.79	±0.05
Cond (umhos/cm)	8800	1.0
TDS (mg/l)	9900	
NO ₃ (mg/l)	<0.1	0.1
NH ₃ (mg/l)	1.1	0.1
Fe (mg/l)	5.7	0.04
F (mg/l)	6.4	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.01	0.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	0.004	.002
Mn (mg/l)	0.19	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.01	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.36	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

H01100R375

L-BAR Mine

Well 27B

Date 06/17/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	17	
Ca (mg/l)	400	0.06
Mg (mg/l)	430	0.1
K (mg/l)	20	0.3
Na (mg/l)	2600	0.08
Cl (mg/l)	530	0.5
SiO ₂ (mg/l)	3	
SO ₄ (mg/l)	5500	2.5
HCO ₃ (mg/l)	246	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.84	±0.05
C-nd (umhos/cm)	8000	1.0
TDS (mg/l)	6630	
NO ₃ (mg/l)	160	0.2
NH ₃ (mg/l)	<0.1	0.1
Fe (mg/l)	0.24	0.04
F (mg/l)	8.8	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	0.003	.002
Mn (mg/l)	0.056	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.005	0.001
Se (mg/l)	0.084	0.01
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 29A

Date 06/17/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	17	
Ca (mg/l)	50	0.06
Mg (mg/l)	17	0.1
K (mg/l)	6.2	0.3
Na (mg/l)	1600	0.08
Cl (mg/l)	88	0.5
SiO ₂ (mg/l)	14	
SO ₄ (mg/l)	2800	2.5
HCO ₃ (mg/l)	385	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.82	±0.05
Cond (umhos/cm)	5050	1.0
TDS (mg/l)	4750	
NO ₃ (mg/l)	0.1	0.2
NH ₃ (mg/l)	1.6	0.1
Fe (mg/l)	0.18	0.04
F (mg/l)	3.8	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.054	0.01
Hg (mg/l)	<0.00012	0.00012
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		.5
Ra226 (pCi/l)	0.9	.08
Th230 (pCi/l)	0.07	.02
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)	<0.03	0.03
Be (ug/ml)	<0.002	0.002
Co (ug/ml)	<0.04	0.04
Cu (ug/ml)	0.056	.025
Sb (ug/ml)	<0.2	0.2
Tl (ug/ml)	<0.002	0.002
Ra228 (pCi/L)	3.3	
Alpha (pCi/L)	<11.4	11.4
CN (ug/l)	<0.01	0.01

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L-BAR Mine

Well 50

Date 06/17/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	600	0.06
Mg (mg/l)	560	0.1
K (mg/l)	35	0.3
Na (mg/l)	2100	0.08
Cl (mg/l)	510	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	2600	2.5
HCO ₃ (mg/l)	667	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.56	±0.05
Cond (umhos/cm)	10000	1.0
TDS (mg/l)	11500	
NO ₃ (mg/l)	610	0.2
NH ₃ (mg/l)	<0.1	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	7.2	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	0.002	.002
Mn (mg/l)	0.047	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.013	0.001
Se (mg/l)	0.46	0.01
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

L-BAR Mine

Well 51

Date 06/17/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	23	
Ca (mg/l)	500	0.06
Mg (mg/l)	540	0.1
K (mg/l)	6.9	0.3
Na (mg/l)	1500	0.08
Cl (mg/l)	98	0.5
SiO ₂ (mg/l)	14	
SO ₄ (mg/l)	2600	2.5
HCO ₃ (mg/l)	371	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.84	±0.05
Cond (unhos/cm)	5050	1.0
TDS (mg/l)	4640	
NO ₃ (mg/l)	0.2	0.2
NH ₃ (mg/l)	1.6	0.1
Fe (mg/l)	0.063	0.04
F (mg/l)	3.6	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.096	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 52

Date 06/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	21	
Ca (mg/l)	38	0.06
Mg (mg/l)	11	0.1
K (mg/l)	5.4	0.3
Na (mg/l)	1400	0.08
Cl (mg/l)	94	0.5
SiO ₂ (mg/l)	14	
SO ₄ (mg/l)	2200	2.5
HCO ₃ (mg/l)	415	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.67	±0.05
Cond (umhos/cm)	4900	1.0
TDS (mg/l)	3890	
NO ₃ (mg/l)	0.05	0.2
NH ₃ (mg/l)	1.3	0.1
Fe (mg/l)	0.16	0.04
F (mg/l)	3.5	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.041	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 53

Date 06/23/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	22	
Ca (mg/l)	30	0.06
Mg (mg/l)	9.2	0.1
K (mg/l)	5.1	0.3
Na (mg/l)	1300	0.08
Cl (mg/l)	140	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	1800	2.5
HCO ₃ (mg/l)	450	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.66	±0.05
Cond (umhos/cm)	4700	1.0
TDS (mg/l)	3600	
NO ₃ (mg/l)	<0.1	0.1
NH ₃ (mg/l)	1.1	0.1
Fe (mg/l)	<0.4	0.4
F (mg/l)	3.7	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	0.025	.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.018	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.004	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 54

Date 06/25/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	16	
Ca (mg/l)	31	0.06
Mg (mg/l)	12	0.1
K (mg/l)	8	0.3
Na (mg/l)	1200	0.08
Cl (mg/l)	86	0.5
SiO ₂ (mg/l)	17	
SO ₄ (mg/l)	2400	2.5
HCO ₃ (mg/l)	47	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.84	±0.05
Cond (umhos/cm)	4400	1.0
TDS (mg/l)	3200	
NO ₃ (mg/l)	0.9	0.2
NH ₃ (mg/l)	0.99	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	3.2	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.011	.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.026	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.006	0.001
Se (mg/l)	<0.05	0.05
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.024	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 55

Date 06/27/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	19	
Ca (mg/l)	17	0.06
Mg (mg/l)	5.8	0.1
K (mg/l)	4.1	0.3
Na (mg/l)	990	0.08
Cl (mg/l)	71	0.5
SiO ₂ (mg/l)	15	
SO ₄ (mg/l)	1400	2.5
HCO ₃ (mg/l)	504	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.95	±0.05
Cond (µmhos/cm)	3300	1.0
TDS (mg/l)	2700	
NO ₃ (mg/l)	0.05	0.2
NO ₂ (mg/l)	0.92	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	2.8	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.01	0.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	0.004	.002
Mn (mg/l)	<0.01	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.005	0.001
Se (mg/l)	<0.05	0.05
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 56

Date 06/15/88

Ground Water Sample

<u>Con</u>	<u>tuent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
	Temp (°C)	17	
	Ca (mg/l)	31	0.06
	Mg (mg/l)	9.4	0.1
	K (mg/l)	5.7	0.3
	Na (mg/l)	1200	0.08
	Cl (mg/l)	90	0.5
	SiO ₂ (mg/l)	13	
	SO ₄ (mg/l)	2100	2.5
	HCO ₃ (mg/l)	402	1.0
	CO ₃ (mg/l)		1.0
	Alkalinity (meq/l)		
	pH	7.86	±0.05
	Cond (umhos/cm)	4200	1.0
	TDS (mg/l)	3800	
	NO ₃ (mg/l)	0.28	0.2
	NH ₃ (mg/l)	1.2	0.1
	Fe (mg/l)	<0.04	0.04
	F (mg/l)	3.5	0.1
	As (mg/l)	<0.002	0.002
	Ba (mg/l)	0.01	0.01
	Cd (mg/l)	<0.005	0.005
	Cr (mg/l)	<0.03	0.03
	Pb (mg/l)	<0.002	0.002
	Mn (mg/l)	0.01	0.01
	Mo (mg/l)	<0.05	0.05
	Ni (mg/l)	0.005	0.001
	Se (mg/l)	<0.006	0.006
	V (mg/l)	<0.005	0.005
	Zn (mg/l)	<0.02	0.02
	U (mg/l)		0.5
	Ra226 (pCi/l)		0.08
	Th230 (pCi/l)		0.2
	Pb210 (pCi/l)		0.7
	CAR		
	Ag (ug/ml)		
	Be (ug/ml)		
	Co (ug/ml)		
	Cu (ug/ml)		
	Sb (ug/ml)		
	Tl (ug/ml)		
	Ra226 (pCi/L)		
	Alp (pCi/L)		
	CN (mg/l)		

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L-BAR Mine

Well 57

Date 06/17/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	74	0.06
Mg (mg/l)	68	0.1
K (mg/l)	5.3	0.3
Na (mg/l)	1000	0.08
Cl (mg/l)	87	0.5
SiO ₂ (mg/l)	14	
SO ₄ (mg/l)	1800	2.5
HCO ₃ (mg/l)	481	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.47	±0.05
Cond (umhos/cm)	3780	1.0
TDS (mg/l)	3380	
NO ₃ (mg/l)	0.58	0.2
NH ₃ (mg/l)	0.5	0.1
Fe (mg/l)	0.17	0.04
F (mg/l)	3	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	0.038	0.01
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	<0.01	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 58

Date 06/21/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	22	0.06
Mg (mg/l)	11	0.1
K (mg/l)	3.7	0.3
Na (mg/l)	700	0.08
Cl (mg/l)	52	0.5
SiO ₂ (mg/l)	15	
SO ₄ (mg/l)	740	2.5
HCO ₃ (mg/l)	610	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.68	±0.05
Cond (umhos/cm)	2250	1.0
TDS (mg/l)	1800	
NO ₃ (mg/l)	0.8	0.2
NH ₃ (mg/l)	0.44	0.1
Fe (mg/l)	0.08	0.04
F (mg/l)	2.5	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.01	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 59

Date 06/16/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	17	
Ca (mg/l)	8.6	0.06
Mg (mg/l)	3	0.1
K (mg/l)	3	0.3
Na (mg/l)	720	0.08
Cl (mg/l)	54	0.5
SiO ₂ (mg/l)	5.6	
SO ₄ (mg/l)	670	2.5
HCO ₃ (mg/l)	681	1.0
CO ₃ (mg/l)	11	1.0
Alkalinity (meq/l)		
pH	7.96	±0.05
Cond (umhos/cm)	2300	1.0
TDS (mg/l)	1600	
NO ₃ (mg/l)	0.03	0.2
NH ₃ (mg/l)	0.4	0.1
Fe (mg/l)	0.36	0.04
F (mg/l)	2.7	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	0.085	0.01
Pb (mg/l)	0.002	.002
Mn (mg/l)	<0.01	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.002	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 60

Date 06/16/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	19	
Ca (mg/l)	7.1	0.06
Mg (mg/l)	2.6	0.1
K (mg/l)	3	0.3
Na (mg/l)	610	0.08
Cl (mg/l)	46	0.5
SiO ₂ (mg/l)	16	
SO ₄ (mg/l)	530	2.5
HCO ₃ (mg/l)	606	1.0
CO ₃ (mg/l)	13	1.0
Alkalinity (meq/l)		
pH	7.9	±0.05
Cond (umhos/cm)	1990	1.0
TDS (mg/l)	1560	
NO ₃ (mg/l)	<0.02	0.02
NH ₃ (mg/l)	0.4	0.1
Fe (mg/l)	0.72	0.04
F (mg/l)	2.3	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	0.18	0.01
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.07	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	.006
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 60

Date 06/25/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	14	
Ca (mg/l)	350	0.06
Mg (mg/l)	160	0.1
K (mg/l)	9.6	0.3
Na (mg/l)	1200	0.08
Cl (mg/l)	110	0.5
SiO ₂ (mg/l)	15	
SO ₄ (mg/l)	3000	2.5
HCO ₃ (mg/l)	380	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7	±0.05
Cond (umhos/cm)	4600	1.0
TDS (mg/l)	5100	
NO ₃ (mg/l)	0.12	0.2
NH ₃ (mg/l)	<0.04	0.04
Fe (mg/l)	0.44	0.04
F (mg/l)	3.5	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.02	.01
Cd (mg/l)	0.007	0.001
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.3	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.006	0.001
Se (mg/l)	<0.05	0.05
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.082	0.020
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 62

Date 06/26/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	9.1	0.06
Mg (mg/l)	5.4	0.1
K (mg/l)	2.4	0.3
Na (mg/l)	570	0.08
Cl (mg/l)	43	0.5
SiO ₂ (mg/l)	17	
SO ₄ (mg/l)	540	2.5
HCO ₃ (mg/l)	571	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.9	±0.05
Cond (umhos/cm)	1820	1.0
TDS (mg/l)	1500	
NO ₃ (mg/l)	0.28	0.2
NH ₃ (mg/l)	0.38	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	2.1	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.014	.01
Cd (mg/l)	0.006	0.001
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	0.004	.002
Mn (mg/l)	0.025	0.01
Hg (mg/l)	<0.00012	
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.001	0.001
Se (mg/l)	<0.05	0.05
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	0.9	0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)	<0.03	0.03
Be (ug/ml)	<0.002	0.002
Co (ug/ml)	<0.03	0.03
Cu (ug/ml)	<0.025	0.025
Sb (ug/ml)	<0.2	0.2
Tl (ug/ml)	<0.003	0.003
Ra228 (pCi/L)	<2.8	2.8
Alpha (pCi/L)	<4.2	4.2
CN (mg/l)	<0.01	0.01

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Well 63

Date 06/28/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	17	
Ca (mg/l)	8.7	0.06
Mg (mg/l)	4	0.1
K (mg/l)	<3	3
Na (mg/l)	580	0.08
Cl (mg/l)	41	0.5
SiO ₂ (mg/l)	<0.5	0.5
SO ₄ (mg/l)	470	2.5
HCO ₃ (mg/l)	586	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	8.1	±0.05
Cond (umhos/cm)	1990	1.0
TDS (mg/l)	1400	
NO ₃ (mg/l)	0.1	0.2
NH ₃ (mg/l)	0.43	0.1
Fe (mg/l)	0.055	0.04
F (mg/l)	2.4	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.018	.01
Cd (mg/l)	<0.05	0.05
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	0.004	.002
Mn (mg/l)	0.045	0.01
Hg (mg/l)	<0.00012	
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.004	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.003	0.003
Zn (mg/l)	<0.02	0.02
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	0.19	0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)	<0.03	0.03
Be (ug/ml)	<0.002	0.002
Co (ug/ml)	0.01	.01
Cu (ug/ml)	<0.025	0.025
Sb (ug/ml)	<0.2	0.2
Tl (ug/ml)	<0.003	0.003
Ra228 (pCi/L)	<3.5	3.5
Alpha (pCi/L)	<4.1	4.1
CN (mg/l)	<0.01	0.01

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L-BAR Mine

Well 63A

Date 06/23/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	17	
Ca (mg/l)	160	0.06
Mg (mg/l)	79	0.1
K (mg/l)	2.3	0.3
Na (mg/l)	31	0.08
Cl (mg/l)	3.1	0.5
SiO ₂ (mg/l)	20	
SO ₄ (mg/l)	500	2.5
HCO ₃ (mg/l)	240	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.77	±0.05
Cond (umhos/cm)	1100	1.0
TDS (mg/l)	1020	
NO ₃ (mg/l)	2.4	0.2
NH ₃ (mg/l)	<0.1	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	0.86	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	0.022	.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	0.002	.002
Mn (mg/l)	<0.01	0.01
Hg (mg/l)	<0.00012	
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	<0.1	0.1
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)	<0.03	0.03
Be (ug/ml)	<0.002	0.002
Co (ug/ml)	<0.01	0.01
Cu (ug/ml)	<0.025	0.025
Sb (ug/ml)	<0.2	0.2
Tl (ug/ml)	<0.002	0.002
Ra228 (pCi/L)	<2	2
Alpha (pCi/L)	3.5	3.5
CN (mg/l)	<0.01	0.01

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L-BAR Mine

Well 64

Date 06/23/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	19	
Ca (mg/l)	8.5	0.06
Mg (mg/l)	7	0.1
K (mg/l)	3.4	0.3
Na (mg/l)	490	0.08
Cl (mg/l)	38	0.5
SiO ₂ (mg/l)	16	
SO ₄ (mg/l)	410	2.5
HCO ₃ (mg/l)	544	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.81	±0.05
Cond (umhos/cm)	1710	1.0
TDS (mg/l)	1300	
NO ₃ (mg/l)	0.19	0.2
NH ₃ (mg/l)	0.2	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	2.2	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.028	.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	0.003	.002
Mn (mg/l)	0.066	0.01
Hg (mg/l)	<0.00012	
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.002	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	0.4	0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)	<0.03	0.03
Be (ug/ml)	<0.002	0.002
Co (ug/ml)	0.01	.01
Cu (ug/ml)	<0.025	0.025
Sb (ug/ml)	<0.2	0.2
Tl (ug/ml)	<0.003	0.003
Ra228 (pCi/L)	<24	24
Alpha (pCi/L)	<3.2	3.2
CN (ug/l)	<0.01	0.01

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L-BAR Mine

Well 65

Date 06/27/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	21	
Ca (mg/l)	11	0.06
Mg (mg/l)	13	0.1
K (mg/l)	3.8	0.3
Na (mg/l)	390	0.08
Cl (mg/l)	34	0.5
SiO ₂ (mg/l)	18	
SO ₄ (mg/l)	380	2.5
HCO ₃ (mg/l)	561	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.75	±0.05
Cond (umhos/cm)	1650	1.0
TDS (mg/l)	1200	
NO ₃ (mg/l)	<0.1	0.1
NH ₃ (mg/l)	<0.04	0.04
Fe (mg/l)	0.055	0.04
F (mg/l)	1.8	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.037	.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	0.003	.002
Mn (mg/l)	0.11	0.01
Hg (mg/l)	<0.00012	
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.05	0.05
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)	<0.5	0.5
Ra226 (pCi/l)	0.4	0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)	<0.03	0.03
Be (ug/ml)	<0.002	0.002
Co (ug/ml)	<0.03	0.03
Cu (ug/ml)	<0.025	0.025
Sb (ug/ml)	<0.2	0.2
Tl (ug/ml)	<0.003	0.003
Ra228 (pCi/L)	<2.7	2.7
Alpha (pCi/L)	<3.1	3.1
CN (mg/l)	<0.01	0.01

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L-BAR Mine

Well 66

Date 06/20/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	17	
Ca (mg/l)	330	0.06
Mg (mg/l)	300	0.1
K (mg/l)	12	0.3
Na (mg/l)	1500	0.08
Cl (mg/l)	24	0.5
SiO ₂ (mg/l)	15	
SO ₄ (mg/l)	4100	2.5
HCO ₃ (mg/l)	459	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.9	±0.05
Cond (umhos/cm)	6000	1.0
TDS (mg/l)	6620	
NO ₃ (mg/l)	0.34	0.2
NH ₃ (mg/l)	0.8	0.1
Fe (mg/l)	0.39	0.04
F (mg/l)	3.6	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.34	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.006	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alph _a (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 67

Date 06/30/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	17	
Ca (mg/l)	210	0.06
Mg (mg/l)	210	0.1
K (mg/l)	12	0.3
Na (mg/l)	1300	0.08
Cl (mg/l)	67	0.5
SiO ₂ (mg/l)	23	
SO ₄ (mg/l)	3000	2.5
HCO ₃ (mg/l)	630	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.1	±0.05
Cond (umhos/cm)	5050	1.0
TDS (mg/l)	5300	
NO ₃ (mg/l)	<0.02	0.02
NH ₃ (mg/l)	1.7	0.1
Fe (mg/l)	0.93	0.04
F (mg/l)	3.4	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.031	.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	0.009	.002
Mn (mg/l)	0.31	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.009	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 68

Date 06/25/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	16	
Ca (mg/l)	13	0.06
Mg (mg/l)	4	0.1
K (mg/l)	3.8	0.3
Na (mg/l)	830	0.08
Cl (mg/l)	64	0.5
SiO ₂ (mg/l)	16	
SO ₄ (mg/l)	1000	2.5
HCO ₃ (mg/l)	561	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.81	±0.05
Cond (umhos/cm)	2900	1.0
TDS (mg/l)	2200	
NO ₃ (mg/l)	0.2	0.2
NH ₃ (mg/l)	<0.04	0.04
Fe (mg/l)	<0.04	0.04
F (mg/l)	2.6	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.023	.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.01	0.01
Mn (mg/l)	0.06	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.002	0.001
Se (mg/l)	<0.05	0.05
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 69

Date 06/21/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	18	
Ca (mg/l)	430	0.06
Mg (mg/l)	790	0.1
K (mg/l)	2.6	0.3
Na (mg/l)	1900	0.08
Cl (mg/l)	560	0.5
SiO ₂ (mg/l)	34	
SO ₄ (mg/l)	5100	2.5
HCO ₃ (mg/l)	1784	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.65	±0.05
Cond (umhos/cm)	9990	1.0
TDS (mg/l)	10200	
NO ₃ (mg/l)	7.3	0.2
NH ₃ (mg/l)	<0.1	0.1
Fe (mg/l)	0.1	0.04
F (mg/l)	10	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.027	0.01
Hg (mg/l)	<0.00012	
Mo (mg/l)	<0.04	0.04
Ni (mg/l)	0.01	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.27	0.020
U (mg/l)	<0.04	0.04
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)	<0.03	0.03
Be (ug/ml)	<0.002	0.002
Co (ug/ml)	<0.04	0.04
Cu (ug/ml)	0.062	.025
Sb (ug/ml)	0.27	.2
Tl (ug/ml)	<0.002	0.002
Ra228 (pCi/L)	<2	2
Alpha (pCi/L)	319	
CN (ug/l)	<0.01	0.01

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L-BAR Mine

Well 72

Date 06/21/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	320	0.06
Mg (mg/l)	190	0.1
K (mg/l)	11	0.3
Na (mg/l)	1500	0.08
Cl (mg/l)	150	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	3800	2.5
HCO ₃ (mg/l)	388	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.03	±0.05
Cond (umhos/cm)	5050	1.0
TDS (mg/l)	6200	
NO ₃ (mg/l)	4	0.2
NH ₃ (mg/l)	<0.1	0.1
Fe (mg/l)	0.045	0.1
F (mg/l)	4.5	0.04
As (mg/l)	0	0.002
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.062	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 73

Date 06/16/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	16	
Ca (mg/l)	210	0.06
Mg (mg/l)	76	0.1
K (mg/l)	9.1	0.3
Na (mg/l)	1600	0.08
Cl (mg/l)	69	0.5
SiO ₂ (mg/l)	16	
SO ₄ (mg/l)	3000	2.5
HCO ₃ (mg/l)	789	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.98	±0.05
Cond (umhos/cm)	5030	1.0
TDS (mg/l)	5520	
NO ₃ (mg/l)	<0.1	0.1
NH ₃ (mg/l)	1.6	0.1
Fe (mg/l)	1.2	0.04
F (mg/l)	3.9	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.22	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

L-BAR Mine

Well 74

Date 06/16/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	17	
Ca (mg/l)	74	0.06
Mg (mg/l)	32	0.1
K (mg/l)	7.6	0.3
Na (mg/l)	1700	0.08
Cl (mg/l)	110	0.5
SiO ₂ (mg/l)	13	
SO ₄ (mg/l)	3000	2.5
HCO ₃ (mg/l)	362	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.7	±0.05
Cond (umhos/cm)	5000	1.0
TDS (mg/l)	3560	
NO ₃ (mg/l)	<0.1	0.1
NH ₃ (mg/l)	<0.1	0.1
Fe (mg/l)	0.097	0.04
F (mg/l)	4.1	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	0.015	0.01
Mn (mg/l)	0.043	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 75

Date 06/29/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	22	
Ca (mg/l)	180	0.06
Mg (mg/l)	160	0.1
K (mg/l)	10	0.3
Na (mg/l)	1200	0.08
Cl (mg/l)	62	0.5
SiO ₂ (mg/l)	16	
SO ₄ (mg/l)	2900	2.5
HCO ₃ (mg/l)	629	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.96	±0.05
Cond (umhos/cm)	5400	1.0
TDS (mg/l)	5300	
NO ₃ (mg/l)	0.14	0.2
NH ₃ (mg/l)	2	0.1
Fe (mg/l)	0.55	0.04
F (mg/l)	1.1	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.022	.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.14	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.003	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 76

Date 06/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	14	
Ca (mg/l)	340	0.06
Mg (mg/l)	130	0.1
K (mg/l)	5.8	0.3
Na (mg/l)	1300	0.08
Cl (mg/l)	71	0.5
SiO ₂ (mg/l)	7.1	
SO ₄ (mg/l)	3100	2.5
HCO ₃ (mg/l)	232	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.36	±0.05
Cond (umhos/cm)	4800	1.0
TDS (mg/l)	5250	
NO ₃ (mg/l)	<0.1	0.1
NH ₃ (mg/l)	1.6	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	3.6	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.012	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 76A

Date 06/18/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	430	0.06
Mg (mg/l)	150	0.1
K (mg/l)	7.4	0.3
Na (mg/l)	1600	0.08
Cl (mg/l)	140	0.5
SiO ₂ (mg/l)	14	
SO ₄ (mg/l)	4000	2.5
HCO ₃ (mg/l)	397	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.31	±0.05
Cond (umhos/cm)	6000	1.0
TDS (mg/l)	6640	
NO ₃ (mg/l)	<0.1	0.1
NH ₃ (mg/l)	<0.1	0.1
Fe (mg/l)	0.045	0.04
F (mg/l)	4.2	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.016	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.002	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 77

Date 06/17/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	490	0.06
Mg (mg/l)	590	0.1
K (mg/l)	14	0.3
Na (mg/l)	1300	0.08
Cl (mg/l)	370	0.5
SiO ₂ (mg/l)	16	
SO ₄ (mg/l)	4300	2.5
HCO ₃ (mg/l)	765	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.01	±0.05
Cond (umhos/cm)	6900	1.0
TDS (mg/l)	8200	
NO ₃ (mg/l)	<0.1	0.1
NH ₃ (mg/l)	1.6	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	4.8	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	<0.01	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	0.11	0.01
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
N (mg/l)		

L-BAR Mine

Well 78

Date 06/14/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	25	
Ca (mg/l)	340	0.06
Mg (mg/l)	240	0.1
K (mg/l)	11	0.3
Na (mg/l)	1100	0.08
Cl (mg/l)	160	0.5
SiO ₂ (mg/l)	15	
SO ₄ (mg/l)	3600	2.5
HCO ₃ (mg/l)	402	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	6.77	±0.05
Cond (umhos/cm)	6450	1.0
TDS (mg/l)	5900	
NO ₃ (mg/l)	2	0.2
NH ₃ (mg/l)	0.66	0.1
Fe (mg/l)	2.1	0.04
F (mg/l)	4	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.02	.01
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	.03
Pb (mg/l)	<0.002	0.002
Mn (mg/l)	0.21	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.004	0.001
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 79

Date 06/17/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	14.5	
Ca (mg/l)	42	0.06
Mg (mg/l)	40	0.1
K (mg/l)	3	0.3
Na (mg/l)	1700	0.08
Cl (mg/l)	100	0.5
SiO ₂ (mg/l)	14	
SO ₄ (mg/l)	2700	2.5
HCO ₃ (mg/l)	570	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.87	±0.05
Cond (umhos/cm)	5000	1.0
TDS (mg/l)	4850	
NO ₃ (mg/l)	<0.1	0.1
NH ₃ (mg/l)	1.3	0.1
Fe (mg/l)	<0.04	0.04
F (mg/l)	3.7	0.1
As (mg/l)	<0.004	0.004
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	<0.01	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.001	0.001
Se (mg/l)	<0.006	0.006
V (mg/l)	<0.005	0.005
Zn (mg/l)	<0.02	0.02
U (mg/l)		0.5
Ra226 (pCi/l)		0.08
Th230 (pCi/l)		0.2
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)		
Be (ug/ml)		
Co (ug/ml)		
Cu (ug/ml)		
Sb (ug/ml)		
Tl (ug/ml)		
Ra228 (pCi/L)		
Alpha (pCi/L)		
CN (mg/l)		

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L-BAR Mine

Well 81

Date 06/21/88

Ground Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	430	0.06
Mg (mg/l)	790	0.1
K (mg/l)	13	0.3
Na (mg/l)	1900	0.08
Cl (mg/l)	81	0.5
SiO ₂ (mg/l)	14	
SO ₄ (mg/l)	3600	2.5
HCO ₃ (mg/l)	410	1.0
CO ₃ (mg/l)		1.0
Alkalinity (meq/l)		
pH	7.09	±0.05
Cond (umhos/cm)	5020	1.0
TDS (mg/l)	5800	
NO ₃ (mg/l)	1	0.2
NH ₃ (mg/l)	0.54	0.1
Fe (mg/l)	0.047	0.04
F (mg/l)	3.8	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	<0.1	0.1
Cd (mg/l)	<0.005	0.005
Cr (mg/l)	<0.03	0.03
Pb (mg/l)	<0.001	0.001
Mn (mg/l)	0.14	0.01
Hg (mg/l)	<0.00012	.00012
Mo (mg/l)	<0.04	0.04
Ni (mg/l)	0.017	0.001
Se (mg/l)	<0.03	0.03
V (mg/l)	<0.005	0.005
Zn (mg/l)	0.029	0.020
U (mg/l)	<0.04	0.04
Ra226 (pCi/l)	0.6	0.08
Th230 (pCi/l)	0.06	.02
Pb210 (pCi/l)		0.7
CAR		
Ag (ug/ml)	<0.03	0.03
Be (ug/ml)	<0.002	0.002
Co (ug/ml)	<0.04	0.04
Cu (ug/ml)	0.038	.025
Sb (ug/ml)	<0.2	0.2
Tl (ug/ml)	<0.002	0.002
Ra228 (pCi/L)	<2.2	2.2
Alpha (pCi/L)	<15.3	15.3
CN (mg/l)	<0.01	0.01

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3.0 Monitor Well Sampling Histories

QACID	WORK	DATE	COMPANY/Well	Serial	Temp	Ca	Mg	K	Na	Cl	SiO2	SO4	NO3	CO3	Alka-	pH	Cond	TDS	NO2	NH3	Fe	F	B-	As	Cd	Cr	Pb
ORDER	NO	WELL	No.	Date	deg C	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	umhos/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
NO													as CaCO3	mg/l													
1A	04/09/76	76.27		28	7.8	8.2	1000	77			1470	431	0		8.2	3780	3922				0.02		-0.01	0.33	-0.001	-0.001	0.001
1A	07/07/76	76.52		36	12	11	1000	47			1440	854	0		7.7	3500	2900				0.65		-0.1	-0.01	-0.01	-0.04	-0.1
1A	10/06/76	76.77		360	18	10.5	24	71			2410				8.7	4000	3290				1.1		-0.01		0.01	-0.04	0.4
1A	01/20/77	77.05		34	12	11	1000	41			1440	854			7.7	3500	2988	0.02			0.65		-0.1	-0.01	-0.01	-0.04	-0.1
1A	04/12/77	77.28		33	11	17	960	77			1540	1160			7.4	2800	2980				0.27	2.7	-0.03	-0.01	-0.01	-1	-0.1
1A	07/13/77	77.53		26	11	18	780	57			1450	911	0		8.1	3500	17668				0.29		-0.01		-0.01	-0.04	-0.1
1A	10/19/77	77.80		17	8.4	7	880	47			490				7.8	2300	17880				0.08	1.2	-0.05	-1	-0.01	-0.1	-0.1
1A	04/06/78	78.26		18						103	312	545	19		7.7	1800	3004	6				1.7	-0.03	0.02	0.002	-0.0005	0.003
1A	07/12/78	78.73					12	965	57		1785				7.1	300	3260				0.02	1.2					
1A	10/23/78	78.81		15	8	5	105														0.03		0.07		0.002	0.04	0.01
1A	02/21/79	79.14								100	2440							6840				0.09					
1A	03/01/79	79.14																									
1A	09/01/79	79.67		148	14.8	25	2325	1180			2730	402	0		7.6	7760	6787	296			0.52	0.58		0.0001	0.01	0.02	0.11
1A	03/25/80	80.23		89	57	15	2500	1200			2800	530	0		7.4	9600		0.44			1.5	1.3		0.2	0.009	0.02	0.09
1A	06/03/80	80.42		88	43	16	1900	1200			2700		0		8.2	9000	7500	0.35			0.78	1.2		-0.1	0.01	-0.01	0.08
1A	06/03/80	80.42		96	69	15	2600	1400			3200	800	24			10000	9300				0.52						
1A	06/03/80	80.42		110	63	13	2600	1400			3200					110000	9000				0.38						
1A	06/04/80	80.43		117	116	14	2920	1440			3770	814	0		7.5	11000	9158				-0.1						
1A	08/19/80	80.63		105	69	14	3000	1450			4020	824	0		7.6	11000	9232										

20-Aug-88

L-00R

Monitoring Well 1A

WELL	WORK	DATE	COMPANY/Well Date	Serial	Temp	Ca	Mg	K	Na	Cl	SiO2	SO4	HCO3	CO3	Alka-	pH	Cond	TDS	NO3	NO2	Fe	F	As	Ba	Cd	Cr	Pb
No.	No.	MO	No.	Date	deg C	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	umhos/cm	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l
1A	10/18/83	83.80	17													7.4	5470										
1A	11/22/83	83.89	17													7.3	4160										
1A	12/07/83	83.93	17			59	23	10	1300	290		1990	540			7.3	5520	4360	50		0.66	1.2		-0.1	0.005	0.004	0.14
1A	01/16/84	84.04	15													7.2	4900										-0.002
1A	01/24/84	84.07	16.5													7.2	5680										
1A	02/28/84	84.16	16			63	25	9.8	160	350		2200	540			7.1	5060	4780	62		0.15	1.5		-0.1	0.005	0.302	0.03
1A	03/13/84	84.20	16													7.2	6000										
1A	04/24/84	84.31	16.5													7.2	6180										
1A	05/22/84	84.39	18			71	26	11	1600	330		2190	671			7.1	6750	4350	62		0.5	1.2		0.1	0.005	0.007	0.006
1A	06/26/84	84.49	17													7.2	6700										
1A	07/24/84	84.56	17													7.3	6750										
1A	08/28/84	84.66	17.5			71	29	12	1463	310		2200	658			7.3	6580	4816	60		0.26	0.8		0.1	0.005	0.02	0.03
1A	09/25/84	84.73	16.5													7.4	6280										
1A	10/23/84	84.81	14.5													7.5	5820										
1A	11/27/84	84.91	16			61	60	9.5	1450	300		2480	595			7.3	6380	4400	42		0.02	1.2		-0.1	0.01	-0.01	0.02
1A	12/26/84	84.99	14													7.3	6160										
1A	01/22/85	85.06	15													7.4	6150										
1A	02/19/85	85.14	16.5			53	35	11	1470	300		2070	624			7.4	5900	4530	35		0.03	1.1		-0.1	-0.001	-0.01	-0.01
1A	03/26/85	85.23	17													7.4	5560										
1A	04/20/85	85.34	20			48	24	9	1000	240		2020	687			7.5	5230	4170	19.3	-0.1	-0.01	1		-0.1	-0.001	-0.01	-0.01
1A	09/25/85	85.73	18.5													7.6	4870										
1A	10/23/85	85.81	16													7.7	5080										
1A	11/26/85	85.90	15			57	22	12	1005	189		2210	551			7.2	4920	3870	15	-0.1	-0.6	1.4		-0.1	-0.001	-0.01	-0.01
1A	12/17/85	85.96	15													7.3	5040										
1A	01/21/86	86.06	15													7.3	4680										
1A	02/25/86	86.15	15			59	24	9	1150	200		2170	563			7.2	5500	4020	8.5	-0.1	0.02	1.3		-0.1	-0.001	-0.01	-0.01
1A	03/25/86	86.23	18.5													7.4	5080										
1A	04/29/86	86.33	18													7.8	4790										
1A	05/28/86	86.41	18			59	21	14	1300	194		2050	644			7.5	4850	3855	8.4	0.3	0.09	1.4		-0.1	-0.001	-0.01	-0.01
1A	06/24/86	86.48	16													7.3	4600										
1A	07/22/86	86.56	19													7.2	4400										
1A	08/19/86	86.63	20			46	4.8	8	1262	190		1970	629			7.2	4360	3700	7.1	-0.1	0.03	1.3		-0.1	0.001	-0.01	0.02
1A	09/23/86	86.73	16													7.3	4840										
1A	10/28/86	86.82	16.5													7.3	5200										
1A	11/18/86	86.88	15			40	7.9	8	1310	210		2050	563			7.4	4850	3730	5.5	-0.1	-0.01	1.4		-0.1	0.002	-0.01	0.02
1A	12/23/86	86.98	14.5													7.3	5080										
1A	02/05/87	87.10	13													7.5	5080										
1A	03/01/87	87.17	14			90	3.8	9.7	1180	144		1870	589			7	5490	5630	2.8	0.1	-0.01	1.4		-0.1	-0.001	-0.01	-0.01
1A	03/24/87	87.23	15													7.3	4790										
1A	04/28/87	87.32	17														5220										
1A	05/27/87	87.40	17.5			29	2.8	5.2	1070	92		1700	563			8	4220	2920	6.1	0.6	-0.1	1.7		-0.1	-0.001	-0.01	-0.01
1A	06/06/87	87.43	17			27	18	4.1	930	100		1700	521		16	7.4	4600		-0.2	0.71	0.04	1.4		-0.009	-0.009	-0.009	-0.002
1A	09/01/87	87.49	17													7.4	4470										
1A	09/22/87	87.74	16							93		1600	465		0.92	7.81	3400										-0.002
1A	11/10/87	87.74	15													7.5	4310										
1A	01/06/88	88.02	15												9.81	7.74	2600										
1A	01/06/88	88.02								110		1800	473		-2	7.9	4260										0.002

WCD-000188-01-03501/08/88 Radion

20-Aug-88

1-648

Monitoring Well 1A

DATE	TIME	DATE	TIME	Serial Temp	Ca	Mg	K	Na	Cl	SiO2	SCA	NO3	CO3	Alka-	pH	Cond	TDS	NO3	NO3	Fe	S	As	Ba	Cr	Pb	
DOIR	REC'D	No.	DOIR	Date	deg C	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	umhos/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	
W01-001408-03-045		WATER 1A	03/06/98	08:18	20	-0.003	10	4	1100	99	8.7	1600	464		7.62	3890	3020	-0.02	0.9	0.09	1.74	0.002	-0.009	-0.0019	-0.002	
W01-001408-03-045		WATER 1A	03/08/98	08:19											7.65	3890										
W01-001408-04-140		WATER 1A	04/22/98	08:48	12	25	9	4.1	1100	82	9.4	1600	470				3070	0.2	6.92	-0.04	3	-0.004	0.012	0.01	-0.03	0.002

Monitoring Well 10

[illegible]

Monitoring Well 16

QACIN	WORK	DATE	COMPANY	Serial	No	Hg	Pb	Mn	Fe	Se	U	Zn	Pb210	Ra226	Ta230	U	CAR	AC	BE	CO	CU	SH	TL	Ra228	ALPHA	CM
DRGCT	RECD	No.	Date	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	pCi/l	pCi/l	pCi/l				ug/ml	ug/ml	ug/ml	ug/ml	ug/ml	ug/ml	pCi/l	pCi/l	ng/l
1A	04/19/83	83.30																								
1A	05/24/83	83.39	0.07			0.001	-0.01	0.005	-0.01	-0.1																
1A	06/21/83	83.47																								
1A	07/19/83	83.55																								
1A	08/16/83	83.62																								
1A	09/13/83	83.70	0.06			-0.001	-0.01	-0.005	-0.01	0.3																
1A	10/10/83	83.80																								
1A	11/22/83	83.89																								
1A	12/07/83	83.93	0.1			0.001	-0.01	0.07	0.02	-0.1				-0.6		0.008										
1A	01/16/84	84.04																								
1A	01/24/84	84.07																								
1A	02/28/84	84.16	0.11			0.002	-0.01	0.07	0.02	0.1	-1.5	-0.6	-0.05	0.008												
1A	03/13/84	84.20																								
1A	04/24/84	84.31																								
1A	05/22/84	84.39	0.09			0.003	0.02	0.1	-0.01	0.2				-0.6		0.004										
1A	06/26/84	84.49																								
1A	07/24/84	84.56																								
1A	08/28/84	84.66	0.14			-0.01	-0.1	-0.01	-0.01	0.2				-0.6		0.006										
1A	09/25/84	84.73																								
1A	10/23/84	84.81																								
1A	11/27/84	84.91	0.06			-0.01	0.05	0.04	-0.01	0.1				0.3		0.01										
1A	12/26/84	84.99																								
1A	01/22/85	85.06																								
1A	02/19/85	85.14	0.03			-0.01	-0.1	0.01	-0.01	0.1	0	0.2	0.1	0.007												
1A	03/26/85	85.23																								
1A	06/20/85	85.64	-0.01			-0.01	-0.1	0.01																		

Monitoring: 10/11, 11/11

	94.3-100.7856-04-140	94.48	0.05	0.58012	-0.55	0.001	-0.006	-0.005	0.036	0.3	-0.5	-0.03	0.01	-0.01	-0.025	-0.2	-0.002	-2.8	-7.4	-0.01
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陳永昌

[illegible]

1. 1966
 1967-1968 204

[illegible]

L. - 0.048
Monitoring Unit 206[illegible]

Monitoring Well 206

[illegible]

27-649-00

100

Modeling the Use of 29

[illegible]

Monitoring Well 266

[illegible]

[illegible]

Major for the Well 300

WQCM	WQCM	DATE	COMMENTS	Validate	Serial	Temp	Cu	Pb	K	Na	Cl	SiO2	SO4	NO3	NO2	Alk	pH	Cond	105	NO3	NO2	Fe	Ba	Ca	Cr	Pb	Na
NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
36	06/20/95	05:44	15.5	404	1272	5	5220	920	14430	1075	7.4	21400	25770	2.4	-0.1	-0.01	1.4	-0.1	-0.001	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	
36	09/25/95	05:73	14								7.3	21450															
36	10/23/95	05:01	15								7.2	22200															
36	11/24/95	05:00	10	319	1025	6	5300	133	17200	844	7.2	14300	23950	2.4	0.2	-0.01	1.3	-0.1	-0.001	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	
36	12/17/95	05:04	14								7.4	10230															
36	01/21/96	06:04	15	395	1460	3	7200	945	15900	948	7.3	21600															
36	02/25/96	06:15	13								7.4	24000	24000	2.2	-0.1	0.17	1.2	-0.1	-0.001	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	
36	03/25/96	06:29	14								7.3	21000															
36	04/29/96	06:33	18								7.3	19950															
36	05/28/96	06:41	15	507	1050	6.2	5500	822	15100	845	7.3	20400	24700	2.3	0.5	0.02	1.3	-0.1	-0.001	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	
36	06/24/96	06:40	13								7.5	19200															
36	07/22/96	06:54	15.5								7.3	17700															
36	08/19/96	06:43	19	363	503	2.6	4940	740	13500	1156	7.3	15900	22160	2.5	0.1	0.01	1.1	-0.1	-0.001	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	
36	09/23/96	06:73	15.5								7.2	19200															
36	10/26/96	06:02	15								7.1	19400															
36	11/13/96	06:00	14	402	594	2.8	4678	710	11900	1476	7.2	18700	20700	2.7	-0.1	-0.01	1.1	-0.1	0.006	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	
36	12/23/96	06:00	14								7.1	17700															
36	01/05/97	07:10	13.5								7.2	18500															
36	02/24/97	07:15	12	423	539	3.9	4660	692	11700	1120	7.2	17600	20300	2.5	0.5	0.09	1	-0.1	-0.001	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	
36	03/24/97	07:29	13								7.4	17400															
36	04/28/97	07:32	15								7.1	16940															
36	05/27/97	07:40	17.5	376	347	4.9	4150	530	9700	961	7.4	17000	20500	3.9	-0.1	0.01	0.96	-0.1	-0.001	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	
36	06/09/97	07:44	14.5	340	740	1.1	3600	510	11000	754	13.6	7.1	18000	3.3	0.22	1.8	1	-0.009	0.007	0.75	-0.005	0.18					
36	06/27/97	07:45	14								7.1	15140															
36	09/27/97	07:74	15								12.1	7.3	11500	7.2	0.030												
36	11/09/97	07:06	14								15.7	7.1	17900	7.2	0.030												
36	11/31/97	00:00	14								7.3	11000															
36	01/06/98	00:02	13								7.4	15600															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13								7.21	17400															
36	01/06/98	00:02	13																								

Monitoring Unit 305

[illegible]

Reservations will be

QCIR	WORK	DATE	COMPANY	Well	Date	Hg	Pb	Li	Se	V	Zn	Pb210	Ra226	Ta230	U	CR
NO	ORDER	REC'D		No.	Date	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	pCi/l	pCi/l	pCi/l		
				36	10/23/84	84.80										
				36	11/27/84	84.90	-0.01	0.43	0.07	0.05	-0.1		0.5		0.08	
				36	12/26/84	84.99										
				36	01/22/85	85.05										
				36	02/19/85	85.14	-0.01	-0.1	0.05	-0.01	-0.1	0	0.3	0.04	0.08	
				36	03/26/85	85.23										
				36	06/20/85	85.64	-0.01	-0.1	0.03	-0.01	-0.1		0		0.08	
				36	09/25/85	85.73										
				36	10/23/85	85.81										
				36	11/26/85	85.90	-0.01	-0.1	0.08	0.02	-0.1		0		0.08	
				36	12/17/85	85.96										
				36	01/21/86	86.04										
				36	02/25/86	86.15	-0.01	-0.1	0.02	-0.01	-0.1	0	0	0	0.08	
				36	03/25/86	86.23										
				36	04/29/86	86.32										
				36	05/28/86	86.41	-0.01	-0.1	-0.01	-0.01	-0.1		0		0.09	
				36	06/24/86	86.48										
				36	07/22/86	86.56										
				36	08/19/86	86.63	0.04	-0.1	0.01	-0.01	-0.1		-0.4		0.08	0.85
				36	09/23/86	86.73										
				36	10/28/86	86.82										
				36	11/18/86	86.88	0.02	-0.1	0.03	-0.01	-0.1		-0.4		0.09	0.95
				36	12/23/86	86.98										
				36	02/05/87	87.10										
				36	02/24/87	87.15	-0.01	-0.1	0.01	-0.01	-0.1	-1.1	-0.4	-0.4	0.07	0.98
				36	03/24/87	87.23										
				36	04/28/87	87.32										
				36	05/27/87	87.40	-0.01	-0.1	-0.01	-0.01	-0.1		-0.4			0.97
				36	06/09/87	87.44	-0.05	-0.02	0.07	-0.02	0.22	-0.5	0.25	0.32	-0.5	0.91
				36	08/27/87	87.65										
				36	09/27/87	87.74										-0.5
				36	11/09/87	87.84										
				36	12/31/87	88.00										
				36	01/08/88	88.02							-0.8	0.64	0.24	
WCD-0002	88-01-02701/11/88		Radius	36	01/08/88	88.02										-0.5
WCD-0005	88-01-04003/07/88		Radius	36	01/08/88	88.02							-1.7	0.5	-0.08	
			INTER	36	03/12/88	88.20										
WCD-0006	88-03-08805/03/88		Radius	36	03/14/88	88.20							0.5			
WCD-0021	88-05-113		Radius	36	05/25/88	88.40									20.9	
WCD-0022	88-05-067		Radius	36	09/12/88	88.20	0.04	-0.001	0.14	-0.003	-0.004					-0.05
			INTER	36	04/23/88	88.40										
WCD-0030	88-06-129		Radius	36	04/23/88	88.40	-0.05	0.013	0.14	-0.005	0.028		0.5			-0.5

Monitoring Well 06

[illegible]

Monitoring Well 70B

[illegible]

Modelling, Vol. 1, 1991

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23-Aug-88

L-046

Monitoring Well 38

WELL	WDR	DATE	COMPANY	Well Date	Serial	Hg	Mo	Ki	Se	U	Zn	Pb210	Ra226	Ta230	U	GM
		RECD	No.	Date		ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	pCi/l	pCi/l	pCi/l		
				38	12/26/84	84.99										
				38	01/22/85	85.06										
				38	02/19/85	85.14	-0.01	-0.1	-0.01	-0.01	-0.1	0	0.4	0.05	0.1	
				38	03/26/85	85.23										
				38	06/20/85	85.44	-0.01	-0.1	-0.01	-0.01	-0.01	0	0.7	0.9	0.13	
				38	09/25/85	85.73										
				38	10/23/85	85.81										
				38	02/25/86	86.15	-0.01	-0.1	-0.01	-0.01	-0.1	0	0	0	0.12	1.1
				38	03/25/86	86.23										
				38	05/26/86	86.41	-0.01	-0.1	-0.01	-0.01	-0.1	0	0	0	0.14	1.1
				38	06/24/86	86.40										
				38	07/22/86	86.54										
				38	08/19/86	86.63	0.01	-0.1	-0.01	-0.01	-0.1	-1.5	-0.4	-0.4	0.03	0.9
				38	10/28/86	86.82										
				38	02/05/87	87.10										
				38	02/24/87	87.15	-0.01	-0.1	-0.01	-0.01	-0.1	-1.5	-0.4	-0.4	0.18	0.95
				38	03/24/87	87.23										
				38	04/28/87	87.32										
				38	05/27/87	87.40	-0.01	-0.1	-0.01	-0.1	-0.1	-1.5	-0.4	-0.4		0.89
				38	06/09/87	87.44	-0.05	-0.02	-0.005	-0.02	0.095	-1.4	-0.3	0.65	-0.5	0.83
				38	06/27/87	87.65										
				38	09/29/87	87.75										
				38	11/09/87	87.84										
				38	12/31/87	88.00										
				38	01/07/88	88.02										
WTS-0102	88-01-07902/17/88		Radian	38	01/07/88	88.02										
			INTERA	38	03/15/88	88.20										
WCD-0020	88-03-111		Radian	38	03/15/88	88.20	-0.05	0.011	0.007	-0.003	-0.004					
			INTERA	38	06/20/88	88.47										
			INTERA	38	06/25/88	88.40										
WCD-0031	88-06-154		Radian	38	06/25/88	88.40	-0.05	0.01	-0.05	-0.005	0.12					

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1999

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[illegible]

Reporting Well 40

[illegible][illegible]

Monitoring Well 46

[illegible]

1. $\frac{1}{2}$ cup
Measuring like 1.1. 400.

[illegible]

表 1 各子系统的平均故障率	表 2 各子系统的可靠度	表 3 各子系统的失效率	表 4 各子系统的 MTBF	表 5 各子系统的 MTTR	表 6 各子系统的可用性
$\lambda_{\text{平均}} = 0.000178 \text{ h}^{-1}$	$R_{\text{平均}} = 0.999822$	$\mu_{\text{平均}} = 0.000178 \text{ h}^{-1}$	$\text{MTBF}_{\text{平均}} = 5617.378 \text{ h}$	$\text{MTTR}_{\text{平均}} = 0.000178 \text{ h}$	$A_{\text{平均}} = 0.999822$

[illegible]

1-800-
Non-Forgoing, Inc. 75

DATE	TIME	COMPASSION	Latitude	Serial	Hg	Pb	Mn	Se	Cr	Zn	PAHs	PCDDs	PCDFs	PCB
DATE	TIME	COMPASSION	Latitude	Serial	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ng/l	pg/l	pg/l	pg/l
10/13/78	78.79	10/13/78	78.79	1	-0.01	0.13	0.35	0.02	-0.03	0.02	3.1	0.43	0.04	0.0001
02/01/79	79.08	02/01/79	79.08	2			0.4							
02/22/79	79.15	02/22/79	79.15	3										
03/04/80	80.17	03/04/80	80.17	4	-0.3	-0.1	0.15	-0.03	-0.1	0.08	8.5	2.4	5.4	0.03
04/24/80	80.23	04/24/80	80.23	5										
04/03/80	80.47	04/03/80	80.47	6										
04/03/80	80.47	04/03/80	80.47	7										
04/03/80	80.47	04/03/80	80.47	8										
04/03/80	80.47	04/03/80	80.47	9										
04/03/80	80.47	04/03/80	80.47	10										
04/03/80	80.47	04/03/80	80.47	11										
04/03/80	80.47	04/03/80	80.47	12										
04/03/80	80.47	04/03/80	80.47	13										
04/03/80	80.47	04/03/80	80.47	14										
04/03/80	80.47	04/03/80	80.47	15										
04/03/80	80.47	04/03/80	80.47	16										
04/03/80	80.47	04/03/80	80.47	17										
04/03/80	80.47	04/03/80	80.47	18										
04/03/80	80.47	04/03/80	80.47	19										
04/03/80	80.47	04/03/80	80.47	20										
04/03/80	80.47	04/03/80	80.47	21										
04/03/80	80.47	04/03/80	80.47	22										
04/03/80	80.47	04/03/80	80.47	23										
04/03/80	80.47	04/03/80	80.47	24										
04/03/80	80.47	04/03/80	80.47	25										
04/03/80	80.47	04/03/80	80.47	26										
04/03/80	80.47	04/03/80	80.47	27										
04/03/80	80.47	04/03/80	80.47	28										
04/03/80	80.47	04/03/80	80.47	29										
04/03/80	80.47	04/03/80	80.47	30										
04/03/80	80.47	04/03/80	80.47	31										
04/03/80	80.47	04/03/80	80.47	32										
04/03/80	80.47	04/03/80	80.47	33										
04/03/80	80.47	04/03/80	80.47	34										
04/03/80	80.47	04/03/80	80.47	35										
04/03/80	80.47	04/03/80	80.47	36										
04/03/80	80.47	04/03/80	80.47	37										
04/03/80	80.47	04/03/80	80.47	38										
04/03/80	80.47	04/03/80	80.47	39										
04/03/80	80.47	04/03/80	80.47	40										
04/03/80	80.47	04/03/80	80.47	41										
04/03/80	80.47	04/03/80	80.47	42										
04/03/80	80.47	04/03/80	80.47	43										
04/03/80	80.47	04/03/80	80.47	44										
04/03/80	80.47	04/03/80	80.47	45										
04/03/80	80.47	04/03/80	80.47	46										
04/03/80	80.47	04/03/80	80.47	47										
04/03/80	80.47	04/03/80	80.47	48										
04/03/80	80.47	04/03/80	80.47	49										
04/03/80	80.47	04/03/80	80.47	50										
04/03/80	80.47	04/03/80	80.47	51										
04/03/80	80.47	04/03/80	80.47	52										
04/03/80	80.47	04/03/80	80.47	53										
04/03/80	80.47	04/03/80	80.47	54										
04/03/80	80.47	04/03/80	80.47	55										
04/03/80	80.47	04/03/80	80.47	56										
04/03/80	80.47	04/03/80	80.47	57										
04/03/80	80.47	04/03/80	80.47	58										
04/03/80	80.47	04/03/80	80.47	59										
04/03/80	80.47	04/03/80	80.47	60										
04/03/80	80.47	04/03/80	80.47	61										
04/03/80	80.47	04/03/80	80.47	62										
04/03/80	80.47	04/03/80	80.47	63										
04/03/80	80.47	04/03/80	80.47	64										
04/03/80	80.47	04/03/80	80.47	65										
04/03/80	80.47	04/03/80	80.47	66										
04/03/80	80.47	04/03/80	80.47	67										
04/03/80	80.47	04/03/80	80.47	68										
04/03/80	80.47	04/03/80	80.47	69										
04/03/80	80.47	04/03/80	80.47	70										
04/03/80	80.47	04/03/80	80.47	71										
04/03/80	80.47	04/03/80	80.47	72										
04/03/80	80.47	04/03/80	80.47	73										
04/03/80	80.47	04/03/80	80.47	74										
04/03/80	80.47	04/03/80	80.47	75										
04/03/80	80.47	04/03/80	80.47	76										
04/03/80	80.47	04/03/80	80.47	77										
04/03/80	80.47	04/03/80	80.47	78										
04/03/80	80.47	04/03/80	80.47	79										
04/03/80	80.47	04/03/80	80.47	80										
04/03/80	80.47	04/03/80	80.47	81										
04/03/80	80.47	04/03/80	80.47	82										
04/03/80	80.47	04/03/80	80.47	83										
04/03/80	80.47	04/03/80	80.47	84										
04/03/80	80.47	04/03/80	80.47	85										
04/03/80	80.47	04/03/80	80.47	86										
04/03/80	80.47	04/03/80	80.47	87										
04/03/80	80.47	04/03/80	80.47	88										
04/03/80	80.47	04/03/80	80.47	89										
04/03/80	80.47	04/03/80	80.47	90										
04/03/80	80.47	04/03/80	80.47	91										
04/03/80	80.47	04/03/80	80.47	92										
04/03/80	80.47	04/03/80	80.47	93										
04/03/80	80.47	04/03/80	80.47	94										
04/03/80	80.47	04/03/80	80.47	95										
04/03/80	80.47	04/03/80	80.47	96										
04/03/80	80.47	04/03/80	80.47	97										
04/03/80	80.47	04/03/80	80.47	98										
04/03/80	80.47	04/03/80	80.47	99										
04/03/80	80.47	04/03/80	80.47	100										
04/03/80	80.47	04/03/80	80.47	101										
04/03/80	80.47	04/03/80	80.47	102										
04/03/80	80.47	04/03/80	80.47	103										
04/03/80	80.47	04/03/80	80.47	104										
04/03/80	80.47	04/03/80	80.47	105										
04/03/80	80.47	04/03/80	80.47	106										
04/03/80	80.47	04/03/80	80.47	107										
04/03/80	80.47	04/03/80	80.47	108										
04/03/80	80.47	04/03/80	80.47	109										
04/03/80	80.47	04/03/80	80.47	110										
04/03/80	80.47	04/03/80	80.47	111										
04/03/80	80.47	04/03/80	80.47	112										
04/03/80	80.47	04/03/80	80.47	113										
04/03/80	80.47	04/03/80	80.47	114										
04/03/80	80.47	04/03/80	80.47	115										
04/03/80	80.47	04/03/80	80.47	116										
04/03/80	80.47	04/03/80	80.47	117										
04/03/80	80.47	04/03/80	80.47	118										
04/03/80	80.47	04/03/80	80.47	119										
04/03/80	80.47	04/03/80	80.47	120										
04/03/80	80.47	04/03/80	80.47	121										
04/03/80	80.47	04/03/80	80.47	122										
04/03/80	80.47	04/03/80	80.47	123										
04/03/80	80.47	04/03/80	80.47	124										
04/03/80	80.47	04/												

Model 1: $\log_{10}(\text{count}) = 1.00 + 0.00 \times \text{sex} + 0.00 \times \text{age} + 0.00 \times \text{weight}$

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[illegible][illegible]

23-Aug-88

L-BAR
Monitoring Well 6

WCD#	WORK ORDER NO	DATE RECD	COMPANY	Well Date No.	Serial Date	Temp deg C	Ca ng/l	Mg ng/l	K ng/l	Na ng/l	Cl ng/l	S102 ng/l	SD4 ng/l	HCO3 ng/l as CaCO3	CO3 ng/l	Alka- lineity meq/l	pH	Cond umhos/ cm	TDS ng/l	NO3 ng/l	NH3 ng/l	Fe ng/l	F ng/l	As ng/l	Ba ng/l	Cd ng/l	Cr ng/l	Pb ng/l	Mn ng/l	
				6	06/26/84	04.49	16										7.3	5450												
				6	07/24/84	04.56	17										7.6	5270												
				6	08/28/84	04.66	15.5	66	20	8.7	1000	92	2050	456			7.6	5180	3844	0.7		0.01	1.2		-0.1	0.003	-0.01	-0.01	0.09	
				6	09/25/84	04.73	15										7.7	5130												
				6	10/23/84	04.81	13										7.8	4803												
				6	11/27/84	04.91	14	56	26	8.4	1090	89	2330	424			7.7	4950	3650	1.1		0.06	1.2		-0.1	0.01	-0.01	0.01	0.05	
				6	12/26/84	04.99	14										7.8	4860												
				6	01/22/85	05.06	14										7.8	4440												
				6	02/19/85	05.14	15	40	36	9.7	1220	86	1930	466			7.7	4760	3550	0.8		0.02	1.2		-0.1	-0.001	-0.01	-0.01	0.06	
				6	03/26/85	05.23	16										7.7	4870												
				6	08/20/85	05.64	17.5	47	27	9	1000	96	2200	466			7.7	4480	3780	0.9	-0.1	-0.01	1.3		-0.1	-0.001	-0.01	-0.01	0.03	
				6	09/25/85	05.73	17										7.6	5200												
				6	10/23/85	05.83	16										7.7	4300												
				6	11/26/85	05.90	11	55	24	10	1080	81	2260	440			7	4540	3530	1.9	0.2	-0.1	1.2		-0.1	-0.001	-0.01	-0.01	0.04	
				6	12/17/85	05.96	14										7.5	4390												
				6	01/21/86	06.06	14										7.5	4510												
				6	02/25/86	06.15	14.5	50	32	8	1340	89	2150	477			7.9	4900	3730	1.4	0.3	0.13	1.2		-0.1	-0.001	-0.01	0.04	0.05	
				6	03/25/86	06.23	17.5										7.8	4700												
				6	04/29/86	06.33	18										7.7	4670												
				6	05/28/86	06.41	16	50	28	13	1200	92	1990	451			7.7	4840	3870	1.4	0.3	0.02	1.3		-0.1	-0.001	-0.01	-0.01	0.04	
				6	06/24/86	06.48	15										7.7	4260												
				6	07/22/86	06.56	18										7.6	4130												
				6	08/19/86	06.63	20	50	3.4	7.5	1096	92	2190	434			7.5	4200	3620	0.4	1.3	-0.01	1.2		-0.1	0.001	-0.01	0.03	0.03	
				6	09/23/86	06.73	15										7.5	4130												
				6	10/28/86	06.82	15										7.6	4740												
				6	11/18/86	06.88	14	55	8.9	7.6	1180	84	2020	372			7.8	4510	3310	1.1	0.6	0.14	1.1		-0.1	0.002	-0.01	0.06	0.03	
				6	12/23/86	06.98	14.5										7.5	4480												
				6	02/05/87	07.10	13.5										7.7	4800												
				6	02/24/87	07.15	12	62	7.2	8.4	1130	82	1990	410			7.7	4750	3310	1.4	0.4	0.02	1.2		-0.1	-0.001	-0.01	0.02	0.03	
				6	03/24/87	07.23	13.5										7.8	4460												
				6	04/28/87	07.32	16	53	4.2	7.1	1170	89	2320	424			7.6	4830	3720	1.8	0.4	0.02	1.3		-0.1	-0.001	-0.01	-0.01	0.03	
				6	05/27/87	07.40	17										7.8	4730												
				6	06/12/87	07.45	18	45	20	5.8	1000	96	2300	433		8.4	7.7	5290		-0.2	1.5	0.49	1.1		-0.009	-0.003	0.009	0.012	0.018	
				6	08/27/87	07.65	16										7.6	5290												
				6	09/30/87	07.75	15					83	2100	395		7.25	7.74	4090												
				6	11/09/87	07.86	15										7.8	4930												
				6	12/01/87	08.00	14										7.6	5050												
				6	01/05/88	08.01	15.6										8.18	7.61	4100											
WCD-0001	88-01-03501/01-06		ENTERA 6	01/05/88	08.01						92	2200	43	-2			7.7	4940												
			ENTERA 6	03/05/88	08.18	16.5											7.64	4300												
WCD-0014	88-03-045		ENTERA 6	03/05/88	08.18		55	28	8	1300	88	9.2	2400	425					2910	-0.02	1.5	-0.03	1.4	-0.004	0.01	-0.003	-0.009	-0.002	0.018	
			ENTERA 6	04/15/88	08.46	15											7.67	4300												
WCD-0024	88-06-077		ENTERA 6	06/15/88	08.46		50	22	6.7	1200	94	13	2290	413					3900	0.31	1.2	-0.04	3.5	-0.002	-0.01	-0.005	-0.03	-0.002	0.02	

1-402
Monitoring Well 6[illegible]

23-Aug-88

1-008
Monitoring Well 4

DATE	TIME	DATE	TIME	Serial	Hy	No	Hi	Se	U	Zn	Pb	Cr	U	Co
NO	NO	NO	NO	Date	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
6	01/16/84	84.04												
6	01/24/84	84.07												
6	07/28/84	84.16												
6	03/13/84	84.20												
6	04/24/84	84.31												
6	05/22/84	84.39												
6	06/26/84	84.49												
6	07/24/84	84.56												
6	08/28/84	84.66												
6	09/25/84	84.73												
6	10/23/84	84.81												
6	11/27/84	84.91												
6	12/26/84	84.99												
6	01/22/85	85.06												
6	02/19/85	85.14												
6	03/26/85	85.23												
6	04/26/85	85.44												
6	08/25/85	85.73												
6	10/23/85	85.81												
6	11/26/85	85.98												
6	12/17/85	85.96												
6	01/21/86	86.06												
6	02/25/86	86.15												
6	03/25/86	86.23												
6	04/29/86	86.33												
6	05/28/86	86.41												
6	06/24/86	86.48												
6	07/22/86	86.56												
6	08/19/86	86.63												
6	09/23/86	86.73												
6	10/28/86	86.82												
6	11/18/86	86.88												
6	12/23/86	86.98												
6	02/05/87	87.10												
6	02/24/87	87.15												
6	03/24/87	87.23												
6	04/28/87	87.32												
6	05/22/87	87.40												
6	06/12/87	87.45												
6	08/22/87	87.65												
6	09/30/87	87.75												
6	11/09/87	87.86												
6	12/31/87	88.00												
6	01/05/88	88.01												
6	01/05/88	88.01												
6	03/05/88	88.18												
6	03/05/88	88.18												

-0.05 -0.00 -0.005 -0.003 -0.003 0.027

23-Aug-88

1-808
Monitoring Well 6

DATE	TIME	DATE	TIME	Serial	Hg	Co	Ni	C	V	Zn	Pb	Cd	Cr	Cu
0000	0000	0000	0000	0000	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l

0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000

0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000

0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000

0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000

Monitoring: 4/21/77

[illegible]

[illegible]

23-Aug-88

Monitoring Well 7

WELL#	WELL#	DATE	CONFIDENTIAL	Serial	Hg	Pb	Mn	Fe	V	Zn	Pb210	Pb226	U	COR
WELL#	WELL#	DATE	CONFIDENTIAL	No.	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	pCi/l	pCi/l	pCi/l	
7	11/22/83	83.89			-0.001	0.02	0.04	0.03	-0.1	-0.6	0.003			
7	12/07/83	83.93			-0.001	-0.01	0.08	-0.01	-0.1	-1.5	-0.6	-0.05	0.002	
7	03/24/84	84.07			-0.001	-0.01	0.11	-0.01	-0.1	-0.6	0.002			
7	02/28/84	84.16			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	03/13/84	84.20			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	04/24/84	84.31			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	05/22/84	84.39			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	06/26/84	84.49			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	07/24/84	84.56			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	08/28/84	84.66			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	09/25/84	84.73			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	10/23/84	84.81			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	11/27/84	84.91			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	12/26/84	84.99			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	01/22/85	85.06			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	02/19/85	85.14			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	03/26/85	85.23			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	06/20/85	85.64			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	09/25/85	85.73			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	10/23/85	85.81			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	11/26/85	85.90			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	12/17/85	85.96			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	01/21/86	86.06			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	02/25/86	86.15			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	03/25/86	86.23			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	04/29/86	86.33			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	05/28/86	86.41			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	06/24/86	86.48			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	07/22/86	86.56			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	08/19/86	86.63			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	09/23/86	86.73			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	10/28/86	86.82			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	11/18/86	86.88			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	12/23/86	86.98			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	02/05/87	87.10			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	02/24/87	87.15			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	03/24/87	87.23			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	04/28/87	87.32			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	05/17/87	87.40			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	06/12/87	87.45			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	09/01/87	87.67			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	09/26/87	87.74			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	11/09/87	87.86			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	01/05/88	88.01			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	01/05/88	88.01			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			
7	03/21/88	88.22			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	-0.001			
7	03/26/88	88.22			-0.01	-0.1	-0.01	-0.01	-0.1	-0.6	0.002			

0.9 0.15

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Monitoring Well 7

WELL	WELL	DATE	COMPASSION	Serial	Hg	Mo	Mi	Se	U	Zn	Pb210	Ra226	U	COR
NO	NO	NO	NO	NO	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	pCi/l	pCi/l	pCi/l	
WCD-0017	88-03-128		Radi aa 7	03/21/88	88.22		-0.05	-0.001	0.009	-0.003	0.015		-0.5	
			INTER 7	06/15/88	88.46									
			INTER 7	06/16/88	88.46									
WCD-0024	88-06-072		Radi aa 7	06/15/88	88.46		-0.05	0.009	-0.003	-0.005	-0.02		-0.5	
WCD-0029	88-06-123		Radi aa 7	06/16/88	88.46						0.6	0.54		

DATE	TIME	DATE	TIME	Serial	Temp	Ca	Mg	K	Na	Cl	SiO2	HCO3	CO3	Alka-	pH	Cond	TD5	NO3	Fe	F	As	Cd	Cr	Pb	Se
NOV	DEC	NOV	DEC	No.	deg	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	umhos	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
8	10/25/78	78	82			10	5	6.5	107							8.2	30.60		0.04		0.07				
8	02/21/79	79	14			8.8	3.5	9	35.8	22	272	80				8.2	1570	1150	0.05						
8	09/01/79	79	67									347	440	0					0.22	0.54	0.0001	-0.01	-0.02	0.02	-0.02
8	01/01/80	80	00			23	2.9	2.8	330	22		340	360	0		7.7	1400		1.9	1.2	-0.1				0.01
8	03/24/80	80	23																						
8	03/25/80	80	23			250	81	16	2900	1100		4400					15000	11000	0.2						0.02
8	06/03/80	80	42			26	3.2	3.5	350	41		510				7.1	1300		0.08	1.3	-0.1				
8	06/03/80	80	42			82	86	18	230	1000		4100	940	0			15000	11000	0.37						-0.01
8	06/03/80	80	42			235	111	17.8	3220	1190		4760	846	0		7.1	12000	11000	1						
8	06/19/80	80	47																						
8	08/19/80	80	63			860	210	16	3100	860		4000	770	0		7.5	22000	12000	1.8	0.41					0.04
8	08/19/80	80	63			300	119	21	3700	1090		4100	878	0		7.2	14000	12700							
8	10/10/80	80	78			340	140	18.6	3460	972		4230	998			7	16500	13020	0.1						-0.01
8	11/21/80	80	89																						0.04
8	11/25/80	80	90			424	330	19.4	4050	914		4420	993	0		7	16000	13100	-0.001						0.01
8	01/21/81	81	06			35	30	6.5	1040	177		1710	794	0		7.8	4500	3260							
8	01/21/81	81	06																						
8	02/01/81	81	09			112	125	12	2000	510		3410	800	0		7.9	8500	8250	-0.001	0.32					0.03
8	02/01/81	81	09			110	78	13	1900	460		2900							0.15	0.91	-0.006	0.1	0.03	0.1	0.07
8	02/31/81	81	25			37	45	5.8	1030	133		1710	794	0		7.1	3800	2930	-0.001	0.3					-0.01
8	04/29/81	81	33			36	17.8	5.8	880	117		1320	478	0		7.2	3400	2916	-0.001	0.26					
8	05/29/81	81	41			440	257	32	4000	852		8310	992	0		7.4	16500	15000							
8	06/18/81	81	46			112	77	14.3	1330	302		2240	881	0		7.7	7000	5820							
8	09/30/81	81	75							870		5830	919												
8	03/29/82	82	24													4.7	17180								
8	04/30/82	82	33							900		5500	740			7.1	16920								
8	05/18/82	82	38													7	17150	1300							
8	06/13/82	82	48													6.9	17295								
8	07/21/82	82	55													7.2	7040								
8	07/27/82	82	57													7.3	2690								
8	09/02/82	82	67							150		2000	680	0		7.7	2930	4100							
8	10/20/82	82	80													7.6	4930								
8	11/23/82	82	90													7.5	4120								
8	12/16/82	82	96							99		1400	680			7.6	3870	2800							
8	01/26/83	83	07													7.6	4480								
8	02/11/83	83	12			14	750	0.02	5.6	94		1300	630			7.3	3540	2900	34	7.7	1.5	-0.2	-0.005	0.01	-0.005
8	03/11/83	83	19													7.4	3880								0.02
8	03/17/83	83	21			34	17	7.7	1000	94		1350	490	597		7.6	3790	2760	0.09			-0.1	-0.001	0.001	-0.001
8	03/17/83	83	21																						
8	04/19/83	83	30													7.8	400								
8	05/24/83	83	38			36	16	7.4	970	100		1240	560	683		7.7	3270	2560	0.01	0.50		-0.1	-0.001	-0.001	-0.001
8	06/21/83	83	47													7.6	3510								
8	07/19/83	83	55													7.6	3415								
8	08/16/83	83	62													7.7	3740								
8	09/13/83	83	76			32	16	5.4	1000	95		1310	695			7.5	3970	2620	0.04	1.9		-0.1	0.003	-0.001	-0.001
8	10/18/83	83	80													7.7	3430								
8	11/22/83	83	89													7.2	4100								
8	12/07/83	83	93			41	33	6.7	980	88		1300	540			7.7	3400	2650	0.14	2.1		-0.1	0.003	-0.001	0.02
8	12/12/83	83	95							95		1800				7.9	4000								-0.001
8	01/16/84	84	04													7.6	4000								-0.002
8	02/28/84	84	16			28	13	5.4	960				683			7.9	3260	2790	-0.01	2.2		-0.1	0.002	-0.001	0.02
8	03/23/84	84	20													7.8	3500								0.003

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1-2nd
Monitoring Well 8

GACIN	WQIM	DATE	CDP	WQIM	Serial	Temp	Ca	Mg	K	Na	Cl	SiO2	SO4	NO3	CO3	Alka-	pH	Cond	TD	NO3	NO3	Fe	F	As	Ba	Cd	Cr	Pb	Mn		
NO	NO	NO	NO	NO	Date	deg C	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	umhos/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l		
8	04/24/84	84	31	18			25	13	6.5	840	83	1250	695				7.7	3820		13		0.05	1.8		0.1	0.003	0.003	0.03	0.005		
8	05/22/84	84	39	19													7.6	3780	2470												
8	06/26/84	84	49	19													7.7	3760													
8	07/24/84	84	56	18													7.7	3840													
8	08/28/84	84	66	18			26	13	6.5	788	83	1260	650				7.7	3640	2564	20		-0.01	1.6		-0.1	0.002	-0.01	-0.01	0.02		
8	09/25/84	84	73	18													7.7	3740													
8	10/23/84	84	81	16			31	14	5.7	865	79	1270	625				8	3340		16		0.01	1.8		-0.1	0.004	-0.01	-0.01	-0.01		
8	11/27/84	84	91	17													7.9	3830	2480												
8	12/26/84	84	99	16													7.9	3760													
8	01/22/85	85	06	17													7.9	3510		18		-0.01	1.8		-0.1	-0.001	-0.01	-0.01	10		
8	02/19/85	85	14	18			37	-0.01	6.2	840	78	1180	676				7.8	3640	2240												
8	03/26/85	85	23	18													7.8	3680													
8	04/20/85	85	44	19			27	13	7	817	88	1200	701				7.9	3540	2180	15		0.02	1.6		-0.1	-0.001	-0.01	-0.01	-0.01		
8	05/25/85	85	73	19													7.8	3490													
8	10/23/85	85	81	18			26	10	5	880	75	1200	639				7.9	3420		13		0.7	1.8		-0.1	-0.001	-0.01	-0.01	-0.01		
8	11/26/85	85	90	15													7.8	3360	2510												
8	12/17/85	85	96	15													7.6	3450													
8	01/21/86	86	04	18													7.8	3420													
8	02/26/86	86	15	17			21	13	6	1232	77	1150	630				7.7	2400	2630	13		0.02	1.7		-0.1	-0.001	-0.01	-0.01	-0.01		
8	03/25/86	86	23	20													7.7	3400													
8	04/29/86	86	33	18													7.8	3420													
8	05/20/86	86	41	18			21	11	8.8	790	75	1190	655				7.9	3420	2570	13		0.4	1.8		-0.1	-0.001	-0.01	-0.01	0.01		
8	06/24/86	86	48	17													7.7	3690													
8	07/22/86	86	54	21													7.5	3260													
8	08/19/86	86	63	23			21	3.8	5	842	76	1220	617				7.7	3100	2560	14		0.6	1.7		-0.1	-0.001	-0.01	-0.01	-0.01		
8	09/23/86	86	73	19													7.8	3420													
8	10/28/86	86	82	21													7.6	3780													
8	11/18/86	86	88	17			25	5.8	5.1	930	71	1220	477				7.9	3360	2450	10		0.6	1.7		-0.1	-0.001	-0.01	-0.01	-0.01		
8	12/23/86	86	98	16													7.8	3700													
8	02/05/87	87	10	17			37	5.9	6	1000	86	1350	633				7.9	3500		22		1	1.8		-0.1	-0.001	-0.01	-0.01	-0.01		
8	02/24/87	87	15	14													8.3	3480	2830												
8	03/24/87	87	23	19													7.7	3790													
8	04/28/87	87	32	20													7.5	4400													
8	05/27/87	87	40	18			29	3.7	5.3	911	92	1560	622				7.8	4220	2900	27		1.1	1.8		-0.1	-0.001	-0.01	-0.01	-0.01		
8	06/11/87	87	44	22			19	10	3.6	700	110	1500	583				11.2	7.7	4100	24		1	1.4		-0.009	-0.003	-0.009	0.002	0.006		
8	09/01/87	87	67	22													7.7	4200													
8	09/26/87	87	74	22													11.3	7.59	3850												
8	11/10/87	87	84	15													7.8	3700													
8	12/31/87	88	00																												
8	01/05/88	88	01	16													11.4	2900													
8	01/05/88	88	01														-2	7.8	3840												
8	01/05/88	88	01																												
8	03/04/88	88	17	16													7.94	3100		11		1	-0.03	1.9		-0.09	-0.003	-0.009	0.002	0.005	
8	03/07/88	88	18				24	12	5	940	72	11	1380	551					2570												
8	04/18/88	88	46	17													7.62	3360		16		0.5	-0.03	2.8		0.02	0.014	0.005	-0.009	0.002	0.006
8	04/26/88	88	47				24	10	4.8	1000	77	13	1380	560					2680												

WCD-0001 88-01-03/01/08/88
WCD-0005 88-01-04/03/07/88
WCD-0014 88-03-04/03/07/88
WCD-0023 88-04-11/30/76/88

L-908
Monitoring Well 8[illegible]

23-Aug-08

1-000
Monitoring Well 8

DATE	TIME	DATE	TIME	Serial	Hg	Pb	Mn	Se	V	Zn	Pb210	Pb226	Th230	U	CMB
NO		NO		Date	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	
8	11/22/83	83.89													
8	12/02/83	83.93													
8	12/12/83	83.95													
8	01/16/84	84.04													
8	02/26/84	84.16													
8	03/13/84	84.20													
8	04/24/84	84.31													
8	05/22/84	84.39													
8	06/26/84	84.49													
8	07/24/84	84.56													
8	08/28/84	84.64													
8	09/25/84	84.73													
8	10/23/84	84.81													
8	11/27/84	84.91													
8	12/26/84	84.99													
8	01/22/85	85.06													
8	02/19/85	85.14													
8	03/26/85	85.23													
8	04/20/85	85.64													
8	07/25/85	85.73													
8	10/23/85	85.81													
8	11/26/85	85.90													
8	12/17/85	85.96													
8	01/21/86	86.06													
8	02/25/86	86.15													
8	03/25/86	86.23													
8	04/29/86	86.33													
8	05/28/86	86.41													
8	06/24/86	86.48													
8	07/22/86	86.56													
8	08/19/86	86.63													
8	09/23/86	86.73													
8	10/28/86	86.82													
8	11/18/86	86.88													
8	12/23/86	86.98													
8	02/05/87	87.10													
8	02/24/87	87.15													
8	03/24/87	87.23													
8	04/28/87	87.32													
8	05/27/87	87.40													
8	06/11/87	87.44													
8	09/01/87	87.67													
8	09/26/87	87.74													
8	11/10/87	87.86													
8	12/31/87	88.00													
8	01/05/88	88.01													
8	01/05/88	88.01													

400-0001 88-01-02501/08/88

23-Aug-88

L-BAR

Monitoring Well 8

QACIM	WORK	DATE	COMPANY	Well	Date	Serial	Hg	Mo	Ni	Se	U	Zn	Pb210	Ra226	Th230	U	CAR
	ORDER	RECD	No.		Date		ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	pCi/l	pCi/l	pCi/l		
	NO																
WCD-0005	88-01-04003/07/88		Radian 8		01/05/88	88.01							-1.6	0.3	0.08		
			INTERA 8		03/04/88	88.17											
WCD-0014	88-03-045		Vadian 8		03/07/88	88.18	-0.05	-0.003	-0.005	-0.003	-0.006						
			INTERA 8		06/18/88	88.46											
WCD-0023	88-06-11307/26/88		Radian 8		06/20/88	88.47	0.08	-0.001	0.01	-0.005	0.032						

WELL NO.	DATE	DEPTH	TEMP	Ca	Mg	K	Na	Cl	SiO2	SO4	NO3	CO3	Alk	pH	Cond	Fe	F	As	Cd	Cr	Pb	Mn
NO.	DATE	DEPTH	TEMP	Ca	Mg	K	Na	Cl	SiO2	SO4	NO3	CO3	Alk	pH	Cond	Fe	F	As	Cd	Cr	Pb	Mn
9	10/10/80	80.78		30	9.2	8.3	890	83	1430	547				8.2	4510	2842						
9	11/25/80	80.90		34	10	6.4	875	82	1180	537	7			8.3	3480	2680						
9	01/21/81	81.04		27	12	7	900	91	1720	545	12			8.5	3700	2780						
9	02/11/81	81.09		20	4.3	5.2	900	79	1780													
9	02/01/81	81.09		29	9.6	6	820	85	1510	540	1.2			8.3	3700	2740						
9	03/31/81	81.25		29	9.6	2	900	77	1430	581	0											
9	04/29/81	81.33		30	8	7.5	940	91	1500	532	14.4			8.4	3300	2790						
9	05/29/81	81.41		28	7.7	9	920	87	1490	571	0			7.9	3700	2720						
9	05/29/81	81.41		30	8.2	6.5	860	88	1350	570	0			8	3700	2750						
9	06/12/81	81.45		26	8.6	2	950	88	1520	581	0			7.9	3800	2840						
9	09/30/81	81.75						81	1420	487												
9	01/25/82	82.07		28	7	6.1	810	69	1460	513	0			7.9	3820	2730	0.11					
9	02/26/82	82.16												7.5	3630							
9	03/29/82	82.24												7.8	3980							
9	04/30/82	82.33												7.5	3700							
9	05/18/82	82.38												7.9	3660							
9	06/23/82	82.48												7.8	3720							
9	07/21/82	82.55																				
9	08/27/82	82.65												7.9	2610							
9	09/02/82	82.67												7.9	2250	2800						
9	10/20/82	82.80												7.7	3630							
9	11/23/82	82.90												7.8	2820							
9	12/16/82	82.96												8	3735	2503						
9	01/26/83	83.07												7.2	3780							
9	02/11/83	83.12												7.2	3770	2600	0.24					
9	03/11/83	83.19												7.6	3730							
9	03/12/83	83.21		25	5.7	5.3	760	94	1400	540				7.8	2590	2650	0.3					
9	03/17/83	83.21		27	7.1	7.5	990	80	1810	430	524			7.8	3590	2650						
9	04/19/83	83.30												7.8	3200							
9	05/24/83	83.39		34	6.9	7.8	870	84	1430	490	597			7.8	3400	2550	0.2					
9	06/21/83	83.47												7.7	3480							
9	07/11/83	83.55												7.7	3450							
9	08/16/83	83.62												7.5	3750							
9	09/13/83	83.70		28	7.4	6.1	1100	77	1460	573				7.5	2940	2650	-0.1					
9	10/18/83	83.80												7.7	3720							
9	11/22/83	83.89												7.8	4160							
9	12/02/83	83.93		32	7.2	7	920	74	1500	480				7.7	3860	2700	0.3					
9	01/24/84	84.07												7.6	3900							
9	02/28/84	84.16		25	6.6	5.9	1000	78	1400	587				7.6	3710	2360	0.2					
9	03/13/84	84.26												7.7	3600							
9	04/24/84	84.31												7.7	3820							
9	05/22/84	84.39		23	7.5	8.1	910	76	1440	647				7.7	4090	2530	0.1					
9	06/26/84	84.49												7.7	4120							
9	07/24/84	84.56												7.7	4000							
9	08/28/84	84.66		27	5	7.2	869	76	1490	568				7.7	2910	2680	0.1					
9	09/25/84	84.75												7.7	3740							
9	10/26/84	84.81		22	6.7	6.1	899	73	1430	537				7.7	3770							
9	11/27/84	84.91												7.7	3980	2700	0.1					
9	12/26/84	84.99												7.7	3840							
9	01/22/85	85.06		23	5.9	3.9	890	73	1390	589				7.7	3430							
9	02/19/85	85.14												7.8	3670	2630	0.2					
9	03/26/85	85.22												7.7	3810							

Monitoring Well 9

[illegible]

1-2002
 11/11/2002 11:11:11 AM

[illegible]

Monitoring Well 9

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DATE	TIME	DATE	TIME	Serial	Temp	Ca	Mg	K	Na	Cl	SO4	NO3	CO3	Alk	pH	Cond	TDS	NO3	NO3	Fe	F	Ba	Cd	Cu	Pb	Na
NO	NO	NO	NO	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	
10	06/11/87	87	44	17	5	180	69	11	2900	880	5560	783	14.9	7.2	12000	41	-0.02	-0.03	0.9	-0.009	-0.003	0.01	-0.002	0.019		
10	09/01/87	87	47	18																						
10	09/20/87	87	75	16.5																						
10	11/15/87	87	84	14																						
10	01/08/88	88	02	16																						
10	01/08/88	88	02	16																						
10	03/11/88	88	19	14.8																						
10	03/11/88	88	19	14.8																						
10	06/14/88	88	45	18																						
10	06/14/88	88	45	18																						
10	06/14/88	88	45	18																						
10	06/14/88	88	45	18																						
10	06/14/88	88	45	18																						
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10	06/14/88	88	45	18																						
10	06/14/88	88	45	18																						
10	06/14/88	88	45	18</																						

Monitoring Well 10

[illegible]

Monitoring Well 10

[illegible]

Monitoring Well 104

[illegible]

Monitoring Well 106

QC#	MC#	DATE	COMP	Lab	Serial	Temp	Ca	Mg	K	Na	Cl	SiO2	S04	HCO3	CO3	alka-	pH	Cond	TDS	NO3	Fe	Cr	Cd	Ba	Pb	Mn				
					Date	deg	C	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	meq/l		umhos/	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l				
					104	11/18/06	86.80	31	5.6	6.5	1130	105		1850	484		7.7	4270	3330	1.5	1	-0.01	1.5		-0.1	-0.001	-0.01	0.02	0.02	
					104	12/23/06	86.98	17									7.7	4580												
					104	02/02/07	87.10	14									7.5	3660												
					104	03/10/07	87.19	14	49	4.4	8.9	1200	113		2090	573		7.5	4760	3410	-0.1	3	0.09	1.4		-0.1	-0.001	-0.01	-0.01	0.49
					104	03/24/07	87.23	18									7.6	4580												
					104	04/26/07	87.32	21									7.5	4860												
					104	05/22/07	87.46	25	30	2.8	5.6	1130	187		1970	537		8.7	4150	3330	0.4	0.8	-0.01	1.6		-0.1	-0.001	-0.01	-0.01	0.04
					104	06/09/07	87.44	27	33	16	4.7	1000	110		1800	566		7.9	5000		-0.2	1.2	-0.3	1.4		-0.009	-0.003	-0.009	-0.002	0.03
					104	09/02/07	87.67	25									7.8	5000												
					104	09/26/07	87.74	24									9.71	7.87	4330											
					104	11/15/07	87.86	16									7.8	4810												
					104	12/31/07	88.00																							
					104	01/06/08	88.02	15									9.43	8.1	3400											
					104	01/06/08	88.02										7.9	4240												
					104	01/06/08	88.02										-2													
					104	02/06/08	88.17	16																						
					104	02/06/08	88.19																							
					104	03/07/08	88.18																							
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		
					104	06/26/08	88.47	19	34	12	6	1																		

Monitoring Well 104

WELL	WORK	DATE	COMPANY	Well	Date	Hg	Mo	Mn	Se	V	Zn	Pb	As	Cr	Co	Fe	Cu	U	Ca
NO	ORDER	RECD	No.			ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	µCi/l	µCi/l	µCi/l					
			10A	07/21/82	82.55														
			10A	08/27/82	82.65														
			10A	09/02/82	82.67														
			10A	10/20/82	82.80														
			10A	11/23/82	82.90														
			10A	12/16/82	82.96														
			10A	10/18/83	83.80														
			10A	01/26/83	83.07														
			10A	02/11/83	83.12	-0.005	0.04	-0.005	-0.005	0.01									
			10A	03/11/83	83.19														
			10A	03/17/83	83.21	-0.001	-0.01	0.01	-0.01	-0.1	-1.5	-0.6	-0.05	-0.001					
			10A	03/17/83	83.21						-1.5	-0.6	-0.05	-0.001					
			10A	04/19/83	83.30														
			10A	05/24/83	83.39	-0.001	-0.01	0.035	-0.01	-0.1									
			10A	06/21/83	83.47														
			10A	07/19/83	83.55														
			10A	09/16/83	83.62														
			10A	08/16/83	83.62														
			10A	09/13/83	83.70	-0.001	-0.01	-0.005	-0.01	-0.1									
			10A	11/22/83	83.89														
			10A	12/07/83	83.93	-0.001	-0.01	0.5	0.02	-0.01		-0.6		0.002					
			10A	12/22/83	83.98														
			10A	01/10/84	84.03														
			10A	01/24/84	84.07														
			10A	02/28/84	84.16	-0.001	-0.01	0.07	-0.01	-0.1	-1.5	-0.6	-0.05	0.002					
			10A	03/13/84	84.20														
			10A	04/24/84	84.31														
			10A	05/22/84	84.39	-0.001	-0.01	0.09	-0.01	-0.1	-1.5	-0.6	-0.6	0.001					
			10A	06/26/84	84.49														
			10A	07/24/84	84.56														
			10A	08/28/84	84.66	-0.01	-0.1	-0.01	0.02	-0.1	-1.5	-0.6	-0.6	0.002					
			10A	09/25/84	84.73														
			10A	10/23/84	84.81														
			10A	11/27/84	84.91	-0.01	-0.1	0.02	0.01	-0.1	0.								

Monitoring Well 10a

[illegible]

Downloaded At: 11:53 11 September 2009

[illegible]

20-Aug-88

1-EWR

Monitoring Well 11

WELL	WELL	DATE	COMPANY	DATE	Serial	Hg	As	Pb	Se	V	Zn	Pb210	Ra226	Ta230	U	Ca2
NO	NO	RECD	No.	Date	Date	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	pCi/l	pCi/l	pCi/l		
11	11/25/80	80.90														
11	01/21/81	81.06						0.04		-0.001					0.005	
11	02/01/81	81.09										0	1.8	0.9	0.02	
11	02/01/81	81.09						-0.1		-0.001					0.005	
11	03/31/81	81.25						-0.051		-0.001					0.003	
11	05/29/81	81.41														
11	06/18/81	81.46														
11	09/30/81	81.75														
11	01/25/82	82.07				0.01	0.02	-0.005	-0.005	0.26		0.4			0.03	
11	02/24/82	82.16														
11	03/29/82	82.24														
11	04/30/82	82.33														
11	05/18/82	82.38														
11	09/02/82	82.67														
11	10/20/82	82.80														
11	11/23/82	82.90														
11	12/16/82	82.96														
11	01/24/83	83.07														
11	01/26/83	83.07														
11	02/11/83	83.12				-0.005	0.03	0.005	0.005	0.05						
11	03/11/83	83.19														
11	03/17/83	83.21				-0.001	0.08	-0.01	-5.01	-0.1	2.2	-0.6	-0.05	0.003		
11	03/17/83	83.21									-1.5	-0.6	-0.05	0.003		
11	04/19/83	83.30														
11	05/24/83	83.39				-0.001	-0.01	0.005	-0.01	-0.1						
11	06/21/83	83.47														
11	07/19/83	83.55														
11	08/16/83	83.62														
11	09/13/83	83.70				-0.001	-0.01	-0.005	-0.01	0.1						
11	11/18/83	83.80														
11	11/22/83	83.89														
11	12/07/83	83.93				0.001	0	0.01	-0.01	-0.1		-0.6		0.005		
11	02/26/84	84.16				0.002	0.01	0.02	-0.01	-0.1	-1.5	-0.6	-0.05	0.003		
11	03/13/84	84.20														
11	04/24/84	84.31														
11	05/22/84	84.39				0.002	-0.01	0.05	-0.01	0.1		-0.6		0.003		
11	06/26/84	84.49														
11	07/24/84	84.56														
11	08/28/84	84.66				-0.01	-0.1	0.01	-0.01	-0.1		-0.6		0.004		
11	09/25/84	84.73														
11	10/23/84	84.81														
11	11/27/84	84.91				-0.01	-0.1	-0.01	0.02	-0.1		0.2		0.004		
11	12/26/84	84.99														
11	01/22/85	85.06														
11	02/19/85	85.14				-0.01	-0.1	-0.01	-0.01	-0.1	0	0.3	0.15	0.003		
11	03/26/85	85.23														
11	06/20/85	85.64				-0.01	-0.1	-0.01	-0.01	-0.1		0.6		-0.001		

1-800-Controlling Well 11

姓名	性别	年龄	职业	住址	联系电话	电子邮箱	备注
张三	男	35	教师	北京市朝阳区	13800000000	zhangsan@163.com	
李四	女	28	医生	北京市海淀区	13900000000	lisi@163.com	
王五	男	42	工程师	上海市浦东新区	13700000000	wangwu@163.com	
赵六	女	30	会计	广州市天河区	13600000000	zhaoliu@163.com	
孙七	男	25	学生	深圳市南山区	13500000000	sunqi@163.com	
周八	女	38	经理	北京市西城区	13400000000	zhouba@163.com	
吴九	男	45	律师	上海市黄浦区	13300000000	wujiu@163.com	
郑十	女	32	护士	广州市白云区	13200000000	zhengshi@163.com	
陈十一	男	22	程序员	深圳市龙岗区	13100000000	chen11@163.com	
冯十二	女	33	销售	北京市东城区	13000000000	feng12@163.com	
马十三	男	40	设计师	上海市静安区	12900000000	ma13@163.com	
朱十四	女	27	文员	广州市海珠区	12800000000	zhu14@163.com	
徐十五	男	36	司机	深圳市福田区	12700000000	xu15@163.com	
高十六	女	31	教师	北京市昌平区	12600000000	gao16@163.com	
何十七	男	29	医生	上海市虹口区	12500000000	he17@163.com	
吕十八	女	41	工程师	广州市越秀区	12400000000	ly18@163.com	
宋十九	男	24	学生	深圳市盐田区	12300000000	song19@163.com	
唐二十	女	37	经理	北京市丰台区	12200000000	tang20@163.com	
冯二十一	男	43	律师	上海市杨浦区	12100000000	fang21@163.com	
马二十二	女	34	护士	广州市增城区	12000000000	ma22@163.com	
朱二十三	男	23	程序员	深圳市龙华区	11900000000	zhu23@163.com	
徐二十四	女	39	销售	北京市大兴区	11800000000	xu24@163.com	
高二十五	男	44	设计师	上海市嘉定区	11700000000	gao25@163.com	
何二十六	女	26	文员	广州市花都区	11600000000	he26@163.com	
吕二十七	男	35	司机	深圳市光明区	11500000000	ly27@163.com	
宋二十八	女	30	教师	北京市顺义区	11400000000	song28@163.com	
唐二十九	男	46	医生	上海市金山区	11300000000	tang29@163.com	
冯三十	女	21	工程师	广州市南沙区	11200000000	feng30@163.com	
马三十一	男	32	学生	深圳市坪山区	11100000000	ma31@163.com	
朱三十二	女	36	经理	北京市通州区	11000000000	zhu32@163.com	
徐三十三	男	47	律师	上海市宝山区	10900000000	xu33@163.com	
高三十四	女	28	护士	广州市从化区	10800000000	gao34@163.com	
何三十五	男	33	程序员	深圳市大鹏新区	10700000000	he35@163.com	
吕三十六	女	42	销售	北京市怀柔区	10600000000	ly36@163.com	
宋三十七	男	25	设计师	上海市崇明区	10500000000	song37@163.com	
唐三十八	女	38	文员	广州市番禺区	10400000000	tan38@163.com	
冯三十九	男	49	司机	深圳市龙岗区	10300000000	feng39@163.com	
马四十	女	27	教师	北京市密云区	10200000000	ma40@163.com	
朱四十一	男	31	医生	上海市奉贤区	10100000000	zhu41@163.com	
徐四十二	女	45	工程师	广州市增城区	10000000000	xu42@163.com	
高三十三	男	22	学生	深圳市龙岗区	09900000000	gao33@163.com	
何三十四	女	37	经理	北京市昌平区	09800000000	he34@163.com	
吕三十五	男	43	律师	上海市虹口区	09700000000	ly35@163.com	
宋三十六	女	24	护士	广州市白云区	09600000000	song36@163.com	
唐三十七	男	39	程序员	深圳市龙岗区	09500000000	tan37@163.com	
冯三十八	女	32	销售	北京市东城区	09400000000	feng38@163.com	
马三十九	男	41	设计师	上海市静安区	09300000000	ma39@163.com	
朱四十	女	26	文员	广州市海珠区	09200000000	zhu40@163.com	
徐四十一	男	35	司机	深圳市福田区	09100000000	xu41@163.com	

[illegible]

[illegible]

23 Aug 88

1-100
Monitoring Well 17

WCD-0018	WCD-0018	DATE	WELL	Serial	Temp	Ca	Mg	K	Na	Cl	SO4	NO3	CO3	Alka-	pH	Cond	TOC	NO3	Fe	F	As	Ba	Ca	Cr	Pb	Me
OWNER	WELL	DATE	NO.	Date	deg C	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	meq/l		umhos/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
WCD-0018	88-01-03201/08/88	88-01	12	12/23/85	85	81	17								8.1	2670										
			12	11/24/85	85	90	13	14.3	4	9	572	54			8.3	2650	1970	0.2	-0.1	0.34	0.8		-0.1	-0.001	-0.01	-0.01
			12	12/17/85	85	96	14								8.3	2750										
			12	01/21/86	86	86	17								7.9	2730										
			12	02/25/86	86	15	17	13.6	9	5	645	55			7.9	2960	2140	0.2	-0.1	0.04	1.5		-0.1	-0.001	-0.01	-0.01
			12	03/25/86	86	23	20								7.7	2585										
			12	03/25/86	86	20	20								7.7	2585										
			12	04/29/86	86	20	18								7.4	2740										
			12	04/29/86	86	20	18								7.4	2740										
			12	05/26/86	86	41	17	13.4	5	8	450	54			7.9	2620	1980	0.2	-0.1	0.01	2		-0.1	-0.001	-0.01	-0.01
			12	06/24/86	86	40	16								8.1	3070										
			12	07/22/86	86	54	17								7.8	2330										
			12	08/19/86	86	63	21	13.9	2.4	4.6	712	55			7.8	2650	2030	0.3	0.1	-0.01	1.3		-0.1	0.002	-0.01	-0.01
			12	09/23/86	86	73	18								8	2850										
			12	10/26/86	86	82	17								7.7	2870										
			12	11/18/86	86	80	16	16.2	2.3	4.6	714	56			8	2750	1920	0.2	-0.1	0.2	1.9		-0.1	-0.001	-0.01	-0.01
			12	12/23/86	86	98	14								7.9	2930										
			12	02/05/87	87	10	14								7.9	2870										
			12	02/24/87	87	13	15	15.9	3.1	5.8	499	55	12		7.8	2850	2020	0.2	0.3	5.06	1.9		-0.1	-0.001	-0.01	0.01
			12	03/24/87	87	23	14								8.1	2780										
			12	04/28/87	87	32	18								7.8	3110										
			12	05/27/87	87	40	18	14.1	1.8	4.7	485	56			8	2830	2070	0.7	0.1	0.04	2		-0.1	-0.001	-0.01	-0.01
			12	06/12/87	87	45	19	11	3.8	3.5	420	55	12.4		7.9	2800										
			12	06/12/87	87	45	19	11	3.8	3.5	420	66	12.4		7.9	3000										
			12	08/26/87	87	66	16								7.8	2890										
			12	09/26/87	87	74	18								8.06	2450										
			12	11/10/87	87	84	14								7.9	2900										
			12	01/06/88	88	02	17								12.3	777	2200									
			12	01/06/88	88	02	17								8.05	2680										
WCD-0010	88-01-03201/08/88	88-01	12	01/06/88	88	19	16																			
			12	03/09/88	88	19	16	14	5.5	-2	810	91	14	1100	596	2150	0.64	0.64	-0.03	1.9	-0.002	0.011	-0.003	-0.009	-0.002	0.019
WCD-0010	88-01-03201/08/88	88-01	12	03/09/88	88	19	16																			
			12	06/18/88	88	46	17	14	4.5	4	810	56	15	920	585	2030	0.35	-0.1	-0.03	2.5	-0.002	0.02	0.005	-0.009	-0.002	0.01

1408

Monitoring Well 12

[illegible]

12	10/10/80	80.78	-0.5	-0.1	-0.1	-0.01				0.004
12	11/25/80	80.90								
12	01/21/81	81.04	0.03			0.13				0.004
12	02/01/81	81.09					0	0.88	0.7	0.02
12	02/01/81	81.09	-0.1			-0.001				0.009
12	03/31/81	81.25	-0.01			0.01				0.001
12	04/29/81	81.33	-0.01			0.02				0.002
12	05/29/81	81.41								0.001
12	06/15/81	81.45								
12	09/30/81	81.75								
12	01/25/82	82.07	0.009	-0.02	-0.005	-0.005	0.01		0.5	0.007
12	02/26/82	82.16								
12	03/29/82	82.24								
12	04/30/82	82.33								
12	05/18/82	82.38								
12	06/23/82	82.48								
12	07/21/82	82.55								
12	08/27/82	82.65								
12	09/02/82	82.67								
12	10/20/82	82.80								
12	11/23/82	82.90								
12	12/16/82	82.96								
12	01/26/83	83.07								
12	02/11/83	83.12								
12	02/11/83	83.12	0.004	0.03	-0.005	-0.005	0.007			
12	03/17/83	83.21	-0.001	-0.01	-0.01	-0.01	-0.1	-1.5	-0.6	0.11
12	03/17/83	83.21						-1.5	-0.6	0.11
12	04/19/83	83.30								0.005
12	05/24/83	83.29	-0.001	0.02	-0.005	-0.01	-0.1			
12	06/21/83	83.47								
12	07/19/83	83.55								
12	08/16/83	83.62								
12	09/13/83	83.70	-0.001	-0.01	0.005	-0.01	-0.1			
12	10/18/83	83.80								
12	11/22/83	83.89								
12	12/07/83	83.93	-0.001	-0.01	0.04	0.02	-0.1	-0.6		0.008
12	01/24/84	84.07								
12	02/28/84	84.16	-0.001	-0.01	0.04	-0.01	-0.1	-1.5	-0.6	-0.05
12	03/13/84	84.20								0.004
12	04/24/84	84.31								
12	05/22/84	84.39	0.001	-0.01	0.07	-0.01	0.1	-0.6		0.004
12	06/26/84	84.49								
12	07/24/84	84.56								
12	08/28/84	84.66	-0.01	-0.1	-0.01	-0.01	-0.1	-0.6		0.005
12	09/25/84	84.73								
12	10/23/84	84.81								
12	11/27/84	84.91	-0.01	-0.1	-0.01	0.01	-0.1	0.4		0.004

PROPERTY OF THE U.S. ARMY

[illegible]

MONITORING WELL 124

WELL	WORK	DATE	COMPANY	Date	Hg	Pb	Bi	Se	V	Zn	Pb210	Ra226	Ta230	U	CAR
NO	GRD	REC	No.	Date	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	pCi/l	pCi/l	pCi/l		
			12A	07/01/82	82.50	-0.005		-0.005	-0.005	0.01			0.3	0.5	0.004
			12A	07/21/82	82.55										
			12A	08/28/82	82.64										
			12A	09/02/82	82.67										
			12A	10/20/82	82.80										
			12A	11/23/82	82.90										
			12A	12/16/82	82.96										
			12A	01/26/83	83.07										
			12A	02/11/83	83.12	-0.005	0.03	-0.005	-0.005	0.007					
			12A	03/11/83	83.19										
			12A	03/17/83	83.21						-1.5	-0.6	0.05	0.002	
			12A	03/17/83	83.21	-0.001	-0.01	-0.01	-0.01	-0.1	-1.5	-0.6	0.05	0.002	
			12A	04/19/83	83.30										
			12A	05/24/83	83.39	-0.001	-0.01	-0.005	-0.01	-0.1					
			12A	06/21/83	83.47										
			12A	07/19/83	83.55										
			12A	08/16/83	83.62										
			12A	09/13/83	83.70	-0.001	-0.01	-0.005	-0.01	-0.1					
			12A	10/18/83	83.80										
			12A	11/22/83	83.89										
			12A	12/07/83	83.93	0.001	-0.01	0.03	-0.01	-0.1		-0.6		0.01	
			12A	01/24/84	84.07										
			12A	02/28/84	84.16	-0.001	-0.01	0.03	-0.01	-0.1	-1.5	-0.6	-0.05	0.003	
			12A	03/13/84	84.20										
			12A	04/24/84	84.31										
			12A	05/22/84	84.39	0.001	-0.01	0.04	-0.01	-0.1		-0.6		-0.001	
			12A	06/26/84	84.49										
			12A	07/24/84	84.56										
			12A	08/28/84	84.66	-0.01	-0.1	-0.01	0.03	0.01		-0.6		-0.001	
			12A	09/25/84	84.73										
			12A	10/23/84	84.81										
			12A	11/27/84	84.91	-0.01	-0.1	-0.01	0.01	-0.1		0.3		0.002	
			12A	12/26/84	84.99										
			12A	01/22/85	85.06										
			12A	02/19/85	85.14	-0.01	-0.1	-0.01	-0.01	-0.1	0	0.6	0.05	-0.001	
			12A	03/26/85	85.23										
			12A	08/20/85	85.64	-0.01	-0.1	-0.01	-0.01	-0.1		0.5		-0.002	
			12A	05/25/85	85.73										
			12A	10/23/85	85.81		</								

Monitoring: 111 93

Station	Date	Time	Temp	Depth	Ca	Mg	K	Na	Cl	SiO2	SO4	HCO3	CO3	Alkalinity	pH	Cond	TDS	NO3	NO2	Fe	F	Ba	Cd	Cr	Pb	Mn
WCS	WCS	WCS	deg C	m	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	meq/l		umhos/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
13	11/25/80	80.90			8	0.2	25	500	32		674	1.35		11.6	2600	1340										
13	01/21/81	81.04			4	1.4	17	570	17		664	380		11.2	2380	1640			-0.001			0.01	-0.001		0.01	
13	02/01/81	81.09			3.2	1	21	420	21		320	312			1380	1360			-0.001	1.8		0.02	0.05		-0.01	
13	02/01/81	81.09																								
13	03/31/81	81.25			2.2	1	15	460	14.5		360	226		10.7	1900	1340			-0.001	1.2		-0.001	-0.001		-0.001	
13	04/29/81	81.33			5	1	15	500	29		464	440	1.44	10.6	1800	1482			-0.01	1.1		-0.01	-0.01		-0.01	
13	05/29/81	81.41			5.6	1.4	25	420	31		553	352	312	10	2300	1760										
13	06/18/81	81.46			3.2	1.9	18.3	480	31		590	75	584	10.6	1800	1590										
13	09/30/81	81.75							31		517	0.000	154													
13	01/25/82	82.07			1.9	0.2	9.9	370	26		438	166		11	1770	1510	0.4		0.04	0.8		-0.2	0.005	-0.01	-0.005	
13	02/16/82	82.16												10.9											0.01	
13	03/29/82	82.24												10.8	1720											
13	04/30/82	82.33												10.6	1370											
13	05/18/82	82.38												11	1660											
13	09/02/82	82.67												9.7	1800	3900										
13	10/20/82	82.80												9.8	1270											
13	11/23/82	82.90												9.7	1770											
13	12/16/82	82.94												9.9	1680	1600										
13	01/26/83	83.07												9.5	2090											
13	02/11/83	83.12			66	3.2	14	290	28		530	230		9.6	1586	1100	4		1.2	3.2		-0.2	-0.005	0.006	-0.005	
13	03/11/83	83.19												10	1720										0.02	
13	03/17/83	83.21																								
13	03/17/83	83.21			24	13	12.2	320	20		470	0.000		10.6	1670	1170	3.4		5.2	3.9		-0.1	0.002	0.01	0.01	
13	04/19/83	83.30			15									10.5	1500										0.1	
13	05/24/83	83.39			7.7	1.4	14	300	27		390	180	219	10.3	1460	1020	3.8		2.7	0.56		-0.1	-0.001	0.008	0.49	
13	06/21/83	83.47												10.3	1300										0.03	
13	07/19/83	83.55													1380											
13	08/16/83	83.62													1380											
13	09/13/83	83.70			9.5	3.5	10.6	310	29		445	0		10.6	1430				3.8	3.2		-0.1	0.002	0.01	0.45	
13	09/16/83	83.71													1440										0.03	
13	10/18/83	83.80												10.4	1400											
13	11/22/83	83.89												10.1	1500											
13	12/07/83	83.93			6.5	2.9	9.5	270	35		390	36		10.3	1430	890	3.6		2.6	4		-0.1	0.001	0.006	0.02	
13	01/24/84	84.07												10.1	1280										0.05	
13	02/26/84	84.16			3.4	2	9.6	270	32		480	1.2		10	1350	870	4.8		3.2	3.5		-0.1	-0.001	0.01	0.03	
13	03/13/84	84.20												10.3	1200										0.02	
13	04/24/84	84.31												10.1	1400											
13	05/22/84	84.39			3	1.1	9.1	250	32		330	122		10	1300	780	4		2	3.1		0.2	0.003	0.005	0.01	
13	06/26/84	84.49												10.7	1210										0.04	
13	07/24/84	84.56												10.1	1180											
13	08/26/84	84.66			4.8	1.5	7.5	230	38		275	31		10.1	1146	774	4		0.52	2.9		-0.1	0.001	-0.01	-0.01	
13	09/25/84	84.73												10.2	1170										-0.01	
13	10/23/84	84.81												10.4	1070											
13	11/27/84	84.91			2.8	0.6	6.3	249	33		310	24	168	10.2	1150	778	3		0.76	3.6		-0.1	-0.001	-0.01	-0.01	
13	12/26/84	84.99												10.2	1150											
13	01/22/85	85.06												10.2	1075											
13	02/19/85	85.14			2.3	0.3	6.5	240	37		334	83		10	1060	740	9		0.6	3.2		-0.1	-0.001	-0.01	-0.01	
13	05/26/85	85.23												10	1160											
13	08/20/85	85.44			3	2	6	192	33		268	102		10	1070	756	3.3		-0.1	0.33	3.3		-0.1	-0.001	-0.01	
13	09/25/85	85.79												9.7	970										-0.01	
13	10/23/85	85.81												9.5	1020											
13	11/26/85	85.90			2.6	-1	10	210	32		240	134	91	9.9	990	546	2.2		-0.4	1.8	3.5		-0.1	-0.001	0.01	
13	12/17/85	85.96												8.3	1030										0.01	

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Monitoring Well 13

DATE	TIME	DATE	TIME	Serial	Temp	Ca	Mg	K	Na	Cl	SI02	SD4	NO3	CD3	alka-	pH	Cond	TDS	NO3	NO3	Fe	F	As	Cd	Cr	Pb	Na				
NOV09	0000	NOV09	0000	No.	Date	deg	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	umhos/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l					
				13	01/21/96	86.56	15									9.9	1070														
				13	02/25/96	86.15	17	4.8	3	5	344	30	296	174		9.7	1200	748	2.3	0.02	0.71	3.4		-0.1	-0.001	-0.01	0.05	0.01			
				13	03/25/96	86.23	17									9.8	1000														
				13	04/29/96	86.33	17									9.7	1040														
				13	05/20/96	86.41	16	2.5	1	6.5	270	34	234	195		9.7	1000	718	2.7	0.2	0.22	2.5		-0.1	-0.001	-0.01	-0.01	-0.01			
				13	06/24/96	86.49	15.5									9.9	1200														
				13	07/22/96	86.54	17									9.7	930														
				13	08/19/96	86.43	20	2.4	0.6	4.5	250	35	320	93		9.5	990	794	2.9	3.3	0.56	3.3		-0.1	-0.001	-0.01	-0.01	-0.01			
				13	09/23/96	86.73	16									9.5	1040														
				13	10/26/96	86.82	17									9.5	1040														
				13	11/18/96	86.88	14.5	5	1.4	5.4	242	36	290	102		9.8	1070	644	3	0.1	1.8	3.5		-0.1	0.003	-0.01	0.09	-0.01			
				13	12/23/96	86.98	14.5									9.7	1210														
				13	02/05/97	87.10	14.5									9.9	1070														
				13	02/24/97	87.15	13.5	2.2	0.2	4.2	240	34	250	138	126		9.8	1050	696	3.1	0.1	1.2	3.5		-0.1	-0.001	-0.01	0.04	0.02		
				13	03/24/97	87.23	14									9.8	1040														
				13	04/28/97	87.32	16									9.6	970														
				13	05/27/97	87.40	16.5	2.8	0.3	4.1	233	32	280	118	123		9.7	950	700	3.3	0.3	0.17	3.9		-0.1	-0.001	-0.01	-0.01	-0.01		
				13	06/12/97	87.45	17	2.1	0.4	3.3	230	34	240	131	134		5.05	9.2	1100	3	0.18	0.09	3.4		-0.009	-0.003	-0.009	0.002	-0.003		
				13	08/26/97	87.65	16									9.4	1260														
				13	09/30/97	87.75	15									4.97	9.88	970													
				13	11/09/97	87.86	14									9.8	1260														
				13	01/07/98	88.02	14									5.26	9.1	900													
				13	01/07/98	88.02										9.6	1150														
				13	03/22/98	88.22	4mg																								
				13	04/27/98	88.49	19																								
				13	06/27/98	88.49																									
				13	06/27/98	88.49																									
				13	06/27/98	88.49																									
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				13	06/27/98	88.49																									
				13	06/27/98	88.49			</																						

Monitoring Well 13

Monitoring Well 13

WATER WORK ORDER NO	DATE RECD	COMPANY/Well/Date No.	Serial Date	Hg ng/l	Pb ng/l	W: ng/l	Se ng/l	U ng/l	Zn ng/l	Pb210 Ra226 pCi/l	Ta230 pCi/l	U pCi/l	CAR
		13 11/25/80	80.90										
		13 01/21/81	81.06			0.04			-0.001				0.007
		13 02/01/81	81.09			-0.1			-0.001				0.001
		13 02/01/81	81.09							0	3.3	1.2	0.01
		13 03/31/81	81.25			-0.001			-0.001				0.009
		13 04/29/81	81.33			-0.01			0.02				0.003
		13 05/29/81	81.41										
		13 06/18/81	81.46										
		13 09/30/81	81.75										
		13 01/25/82	82.07			0.02	-0.02	-0.005	0.09	0.004		0.0001	0.001
		13 02/26/82	82.16										
		13 03/29/82	82.24										
		13 04/30/82	82.33										
		13 05/18/82	82.38										
		13 09/02/82	82.67										
		13 10/20/82	82.80										
		13 11/23/82	82.91										
		13 12/16/82	82.94										
		13 01/26/83	83.07										
		13 02/11/83	83.12			0.02	-0.02	-0.005	0.02	0.03			
		13 03/11/83	83.19										
		13 03/17/83	83.21							-1.5	0.6	0.08	0.001
		13 03/17/83	83.21			0.006	-0.01	-0.01	-0.01	0.2	1.7	0.4	2.1 0.001
		13 04/19/83	83.30										
		13 05/24/83	83.39			0.004	0.02	-0.005	-0.01	-0.1			
		13 06/21/83	83.47										
		13 07/19/83	83.55										
		13 08/16/83	83.62										
		13 09/13/83	83.70			0.006	-0.01	-0.005	0.02	0.1			
		13 09/16/83	83.71										
		13 10/18/83	83.80										
		13 11/22/83	83.89										
		13 12/07/83	83.93			0.007	-0.01	0.02	0.03	-0.1	-0.06		0.003
		13 01/24/84	84.07										
		13 02/28/84	84.16			0.005	-0.01	0.02	0.03	-0.1	-1.5	-0.6	-0.05 0.003
		13 03/13/84	84.20										
		13 04/24/84	84.31										
		13 05/22/84	84.39			0.01	-0.01	0.04	0.03	0.1	-0.6		0.002
		13 06/26/84	84.49										
		13 07/24/84	84.56										
		13 08/28/84	84.66			-0.01	-0.1	-0.31	-0.01	-0.1	-0.6		0.003
		13 09/25/84	84.73										
		13 10/23/84	84.81										
		13 11/27/84	84.91			-0.01	-0.1	-0.01	0.01	-0.1	0.6		0.005
		13 12/26/84											

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Monitoring Well 138

QACIN	WORK	DATE	COMPANY	Well	Serial	Hg	Pb	Mn	Se	U	Zn	Pb210	Ra226	Tb230	U	GM
ORDER	REC'D		No.	Date		ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	pCi/l	pCi/l	pCi/l		
NO																
					138 02/05/87	87.59										
					138 02/24/87	87.15	-0.01	-0.1	-0.01	-0.01	-0.1	-1.5	-0.4	-0.4	0.38	0.87
					138 05/24/87	87.23										
					138 04/20/87	87.32										
					138 04/08/87	87.44	-0.05	-0.02	0.13	-0.02	0.11	-1.3	1.7	-0.2	-0.5	0.87
					138 08/27/87	87.45										
					138 09/26/87	87.74										
					138 11/09/87	87.84										
					138 12/31/87	88.00										
					138 01/05/88	88.01										
WCD-0001	88-01-03501/04/88	Radian	138 01/05/88	88.01												
		INTERA	138 03/04/88	88.18												
WCD-0014	88-04-045	Radian	138 03/04/88	88.18	-0.05	-0.003	-0.005	-0.003	-0.004							
		INTERA	138 04/18/88	88.46												
WCD-0025	88-04-114	Radian	138 04/28/88	88.46	-0.05	-0.001	-0.03	-0.005	0.021							

[illegible]

Monitoring Well 14

WATER ORDER NO	WORK RECD	DATE	COMPANY/Well/Date	Serial Date	Hg ng/l	Mn ng/l	Ni ng/l	Se ng/l	V ng/l	Zn ng/l	Pb210 pCi/l	Ra226 pCi/l	Th230 pCi/l	U	CAD
			14 10/10/80	80.78	-0.5	-0.1		-0.1	-0.01					0.003	
			14 11/25/80	80.90											
			14 01/21/81	81.06		0.03			0.03					0.003	
			14 02/01/81	81.09							0	1	0	0.01	
			14 02/01/81	81.09		-0.1			-0.001					0.001	
			14 03/31/81	81.25		-0.01			0.07					0.003	
			14 04/29/81	81.33		-0.01			-0.01					0.001	
			14 05/29/81	81.41											
			14 06/15/81	81.45											
			14 09/30/81	81.75											
			14 01/25/82	82.07	0.004	0.03	-0.005	0.005	0.02		2.6			0.02	
			14 02/26/82	82.16											
			14 03/29/82	82.24											
			14 04/30/82	82.33											
			14 05/18/82	82.38											
			14 06/23/82	82.40											
			14 07/21/82	82.55											
			14 09/02/82	82.67											
			14 10/20/82	82.80											
			14 11/23/82	82.90											
			14 12/14/82	82.96											
			14 01/26/83	83.07											
			14 02/11/83	83.12	-0.005	0.02	-0.005	-0.005	0.01						
			14 03/11/83	83.19											
			14 03/17/83	83.21	-0.001	-0.01	-0.01	-0.01	-0.1	-1.5	-0.6	0.10	0.004		
			14 03/17/83	83.21							-0.6	0.05	0.003		
			14 04/19/83	83.30											
			14 05/24/83	83.34	-0.001	-0.01	-0.005	-0.01	-0.1						
			14 06/21/83	83.47											
			14 07/19/83	83.55											
			14 08/16/83	83.62											
			14 09/13/83	83.70	-0.001	-0.01	-0.005	-0.01	-0.1						
			14 10/18/83	83.80											
			14 11/22/83	83.89											
			14 12/07/83	83.93	-0.001	-0.01	0.07	0.02	-0.1		-0.6			0.002	
			14 01/24/84	84.07											
			14 02/28/84	84.14	-0.001	0.01	0.07	-0.01	-0.1	-1.5	-0.6	-0.05	0.001		
			14 03/13/84	84.20											
			14 04/24/84	84.31											
			14 05/22/84	84.39	0.001	0.01	0.1	-0.01	-0.1	-1.5	-0.6	-0.6	-0.001		
			14 06/26/84	84.49											
			14 07/24/84	84.56											
			14 08/28/84	84.66	-0.01	-0.1	-0.01	-0.01	-0.1	-1.5	-0.6	-0.6	0.001		
			14 09/25/84	84.73											
			14 10/23/84	84.81											
			14 11/27/84	84.91	-0.01	-0.1	-0.01	-0.1	-0.1	0.7	0.9	0.1	0.005		
			14 12/26/84	84.99											

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Monitoring Well 14

WCD#	WCD#	DATE	COMPANY	Well	Serial	Hg	As	Bi	Se	U	Zn	Pb	Cd	TA	U	CR
ORDER	REC'D		No.	Date	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l
NO																
				14	01/22/85	85.04										
				14	02/19/85	85.14	-0.01	-0.1	-0.01	-0.01	-0.1	0	0.4	0	0.003	
				14	03/26/85	85.23										
				14	08/20/85	85.44	-0.01	-0.1	0.01	-0.01	-0.1	0	0	0.3	0.003	
				14	09/25/85	85.73										
				14	10/23/85	85.81										
				14	11/26/85	85.90	-0.01	-0.1	0.01	0.04	-0.1	0	0.8	0.5	0.004	
				14	12/17/85	85.94										
				14	01/21/86	86.04										
				14	02/25/86	86.15	-0.01	-0.1	0.01	-0.01	-0.1	0	0	0	0.004	1.3
				14	03/25/86	86.23										
				14	04/29/86	86.33										
				14	05/28/86	86.41	-0.01	-0.1	-0.01	-0.01	-0.1	0	0	0	0.007	1.1
				14	06/24/86	86.48										
				14	07/22/86	86.54										
				14	08/19/86	86.63	0.02	-0.1	0.02	-0.01	-0.1	-1.5	-0.6	-0.4	0.004	0.93
				14	09/23/86	86.73										
				14	10/28/86	86.82										
				14	11/18/86	86.88	-0.01	-0.1	-0.01	-0.01	-0.1	-1.5	-0.6	-0.4	0.002	0.9
				14	12/23/86	86.98										
				14	02/05/87	87.10										
				14	03/03/87	87.17	0.01	-0.1	-0.01	-0.01	-0.1	-1.5	-0.6	-0.4	0.003	1
				14	03/24/87	87.23										
				14	04/28/87	87.32										
				14	05/27/87	87.40	-0.01	-0.1	-0.01	-0.01	-0.1	-1.5	-0.6	-0.4		0.83
				14	06/11/87	87.44	-0.05	-0.02	-0.01	-0.02	0.017	-1.9	0.47	-0.79	-0.5	0.88
				14	08/25/87	87.64										
				14	09/28/87	87.74									-0.5	
				14	11/10/87	87.84										
				14	12/31/87	88.00						-1	0.73	-0.3		
				14	01/07/88	88.02										
WCD-0002	88-01-03901	11/88	Rad:an	14	01/07/88	88.02										
WCD-0005	88-01-04003	07/88	Rad:an	14	01/07/88	88.02						-1.8	0.9	-0.19		
			INTER	14	03/09/88	88.11										
WCD-0010	88-03-058		Rad:an	14	03/09/88	88.19	-0.05	-0.003	-0.005	-0.003	0.094				-0.5	
WCD-0012	88-03-05905	02/88	Rad:an	14	03/09/88	88.19								1.5	2.42	
			INTER	14	04/23/88	88.40										
WCD-0010	88-04-139		Rad:an	14	04/23/88	88.40	-0.05	0.003	-0.004	-0.005	0.13			0.5		-0.5

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Monitoring Well 15

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17	10/10/90	80.76	267	98	13.4	1300	130	2650	826	7.7	5410	5244	-0.1	-0.01	-0.1	-0.1	-0.01				
17	13/75/90	80.90	492	97	13.5	1200	40	3070	803	0	7.8	5400	4830								
17	01/21/91	81.06	260	156	12.8	1250	130	3250	860	0	7.8	6000	5190	-0.001	0.03	0.04	1.3				
17	02/01/91	81.09	240	156	12	1280	130	2930	869	0	7.3	5600	4970	-0.001	0.29	-0.01	-0.01				
17	02/01/91	81.09																			
17	04/29/91	81.33	210	109	16.7	1450	125	3100	864	0	7.2	5200	5140	-0.001	0.12	-0.01	-0.01				
17	04/29/91	81.33												-0.001	0.12	-0.01	-0.01				
17	04/29/91	81.33	216	105	16.7	1420	127	3130	786	0	5200			-0.01	0.01	-0.01	-0.01				
17	05/29/91	81.41	136	110	37	1350	127	2030	871	0	7.1	6000	5120								
17	06/17/91	81.46	197	114	17	1403	131	3120	866	0	7.8	6000	5250								
17	09/30/91	81.75					51	681	644												
17	01/25/92	82.07	240	108	11	1200	130	2940	720	0	7	6400	4920	1.3	0.06	0.2	1.1				
17	01/26/92	82.07									7.2	5810									
17	02/26/92	82.16									7	5400									
17	03/29/92	82.24									6.9	5420									
17	04/30/92	82.33									7	5410									
17	05/19/92	82.30					100	2720	650		7.9	5290		1.3							
17	06/23/92	82.40									7.3	5670									
17	07/21/92	82.55									4010										
17	09/02/92	82.67					107	2900	860		7.1	3200	5200								
17	10/26/92	82.80									7.1	5200									
17	11/23/92	82.90									7.1	5740									
17	12/14/92	82.94									7.3	5700	4700								
17	02/11/93	83.12	210	91	12	1000	110	2900	760		7.2	5910	4900	-0.05	3.3	0.4	1.1				
17	03/11/93	83.19									7	5990									
17	03/17/93	83.21																			
17	03/17/93	83.21	150	91	14.1	1200	100	2970	878	720	7.2	5400	4670	0.2	10.6	0.62	1.5				
17	04/19/93	83.30									7.1	5100									
17	05/24/93	83.39	340	120	13	1320	99	2940	1012	830	7.3	4950	4940	0.1	40	-0.1	-0.001	0.01	0.79	2.2	
17	06/21/93	83.47	16.5								7	4600									
17	07/19/93	83.55	16								7	4075									
17	08/16/93	83.62	15								7.2	5000									
17	09/13/93	83.70	240	130	14.7	1700	111	2490	947		7.1	5300	4632	-0.1	6	0.56	-0.1	0.003	0.005	0.34	1.1
17	10/18/93	83.80	16								6.9	5500									
17	11/22/93	83.89	15.5								6.9	6200									
17	12/07/93	83.93	15	250	120	17	1300	100	2800	750	7	6240	5090	-0.1	3.1	0.56	-0.1	0.003	0.004	0.09	0.91
17	01/16/94	84.04	16								7	6900								-0.002	
17	01/24/94	84.07	15								6.9	5710									
17	02/20/94	84.16	15	260	130	13	1500	100	3400	939	6.9	5000	4390	0.2	8.2	0.51	-0.1	0.003	0.07	0.02	1.1
17	03/13/94	84.20	16								7	5900									
17	04/24/94	84.31	15.5								6.9	5993									
17	05/22/94	84.39	17	210	120	14	1300	100	2540	939	6.9	6400	4060	0.4	2.9	0.8	0.1	0.007	0.002	0.04	0.86
17	06/26/94	84.49	18								7	6340									
17	07/26/94	84.56	17								6.9	6270									
17	08/20/94	84.66	16	227	100	15	1165	80	2190	780	7.1	5940	5000	0.3	0.27	0.5	-0.1	0.006	-0.01	-0.01	1.2
17	09/25/94	84.73	15.5								6.9	6123									
17	10/23/94	84.81	17								6.9	6110									
17	11/27/94	84.91	14.5	250	130	13	1340	100	2050	815	6.9	6290	5030	0.3	0.19	0.5	-0.1	0.008	-0.01	-0.01	1.3
17	12/26/94	84.99	15								7	6550									
17	01/22/95	85.06	14.5								7.1	5740									
17	02/19/95	85.14	15	200	120	14	1340	122	2910	866	7	5360	5050	-0.1	-0.01	0.49	-0.1	-0.001	-0.01	-0.01	0.57
17	03/26/95	85.23	15.5								7.1	5025									
17	08/20/95	85.44	17	215	136	15	1100	110	3030	891	2.1	5800	5030	-0.1	0.17	0.95	0.5	-0.1	-0.001	-0.01	0.66

Monitoring Well 17

WQTR	WQW	DATE	COMPANY	Serial	Hg	Mn	Ni	Se	V	Zn	Pb210	Ra226	Ta230	U	CRP
ORDER	REC'D		No.	Date	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	pCi/l	pCi/l	pCi/l		
NO															
			17	10/10/90	80.78		-0.5	-0.1		-0.1	-0.01				0.008
			17	11/25/90	80.90										
			17	01/21/91	81.04			0.08			0.04				0.007
			17	02/01/91	81.09			-0.1			-0.001				0.003
			17	02/01/91	81.09							2	3.4	0	0
			17	04/29/91	81.33			0.01			0.01				0.001
			17	04/29/91	81.33										
			17	04/29/91	81.33			0.02			0.01				0.001
			17	05/29/91	81.41										
			17	06/17/91	81.46										
			17	09/30/91	81.75										
			17	01/25/92	82.07		0.007	0.04	-0.005	-0.005	0.19	-0.005	2.8		0.05
			17	01/26/92	82.07										
			17	02/26/92	82.14										
			17	03/29/92	82.24										
			17	04/30/92	82.39										
			17	05/18/92	82.38										
			17	06/23/92	82.48										
			17	07/21/92	82.55										
			17	09/02/92	82.47										
			17	10/20/92	82.80										
			17	11/23/92	82.90										
			17	12/16/92	82.94										
			17	02/11/93	83.12		-0.005	0.05	-0.005	-0.005	0.02				
			17	03/11/93	83.19										
			17	03/17/93	83.21							-1.5	1	-0.05	0.01
			17	03/17/93	83.21		0.001	0.05	-0.01	-0.01	0.1	1.5	4.4	0.24	0.01
			17	04/19/93	83.30										
			17	25/24/93	93.39		0.001	0.05	-0.005	-0.01	-0.1				
			17	06/21/93	83.47										
			17	07/19/93	83.55										
			17	08/16/93	83.42										
			17	09/13/93	83.70		0.002	-0.01	-0.005	-0.01	-0.1				
			17	10/18/93	83.80										
			17	11/22/93	83.89										
			17	12/07/93	83.93		-0.001	-0.01	0.04	-0.01	-0.1				
			17	01/14/94	84.04										
			17	01/24/94	84.07										
			17	02/28/94	84.14		0.004	0.01	0.04	0.02	0.1	-1.5	-0.4	1.3	0.002

1. *Chlorophyll*

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L-PAR
Monitoring Well 17B

WACIM	WORK	DATE	COMPANY	Well	Date	Serial	Temp	Ca	Mg	K	Na	Cl	SiO2	SO4	HCO3	CO3	Alka-	pH	Cond	TDS	NO3	NH3	Fe	F	As	Ba	Cd	Cr	Pb	Mn	
NO	DRILL	RECD	NO	No.	Date	Date	deg C	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	umhos/cm	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	
					17B 02/05/87	87.10	13												6.8	12600											
					17B 02/24/87	87.15	13	713	1	103	737	322		1220	0	100			12.6	7430	3470	167	0.3	0.01	0.36		0.02	-0.001	-0.01	-0.01	0.01
					17B 04/28/87	87.32	16												8.3	10700											
					17B 05/27/87	87.40	14	635	295	37	2330	430		4270	608				7.1	12700	12400	710	0.2	0.02	0.24		-0.1	-0.001	-0.01	-0.01	0.02
					17B 06/07/87	87.43	15	500	440	38	2200	520		4590	546		10.2		7	14000		870	0.02	0.03	0.3		-0.009	0.005	0.03	-0.002	0.009
					17B 08/28/87	87.66	14												6.7	12620											
					17B 09/27/87	87.74	16					450		4400	500		10.8		6.95	9200					-0.02						
					17B 11/10/87	87.86	13												6.8	11500											
					17B 01/06/88	88.02	14										10.4		6.9	8000											
WCD-0001	88-01-03501/08/88	Radian	17B	01/06/88	88.02							470		430	496	-2			7.1	12000					-0.02						
		INTERA	17B	03/11/88	88.19		10												6.97	9300											
WCD-0013	88-03-07905/02/88	Radian	17B	03/11/88	88.19																										
WCD-0019	88-03-077	Radian	17B	03/12/88	88.20			530	500	9	2300	480	10	4700	506						11900	730	0.14	0.04	0.24	-0.01	-0.009	-0.003	0.027	-0.002	0.01
		INTERA	17B	04/22/88	88.48		19												6.88	11700											
WCD-0028	88-04-140	Radian	17B	04/22/88	88.40			600	520	45	2400	470	11	4400	520						11800	20	-0.1	0.2	2.6	-0.002	-0.01	-0.005	-0.03	-0.001	0.01

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WQIM	WORK	DATE	WellDate	Serial	Temp	Ca	Mg	K	Na	Cl	FT02	SD4	HC03	CO3	Alka-	pH	Coed	TDS	MO3	MO3	Fe	F	As	Ba	Cd	Cr	Pb	Mn
ORDER	RE		Date	deg	C	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	unhos/ on	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	
NO																												
21	07/01/81	81.50		20	8	42	1100	102				2100	990	0		0	4380	3400	0.45		0.06							
21	07/01/81	82.50																					-0.005	0.2	0.004		-0.005	
21	08/27/82	82.45															3450											
21	09/02/82	82.67								86		2000	670			7.8	2850	3600										
21	10/21/82	82.81														7.7	4550											
21	11/23/82	82.90														7.6	4750											
21	12/16/82	82.96								98		2100	5200			7.9	4700	3400										
21	01/26/83	83.07														7.8	4770											
21	02/11/83	83.12		40	10	6.4	1000	99				2100	450			7.4	4770	3600	0.60		0.05	1.8		-0.2	-0.005	0.008	-0.005	0.03
21	03/11/83	83.19														7.5	4480											
21	03/17/83	83.21																										
21	03/17/83	83.21	17	35	98	8.3	1100	85				2490	488	400		7.9	4780	3430	0.2		0.19	1.8		-0.1	-0.001	0.001	0.002	-0.001
21	04/19/83	83.30	17.5													7.8	4400											
21	05/24/83	83.39	18	55	12	9	1270	91				2060	512	420		7.9	4208	3570	0.1		0.73	0.47		-0.1	-0.001	0.01	0.73	0.009
21	06/21/83	83.47	19													7.8	4570											
21	07/19/83	83.55	18.5													7.8	4710											
21	08/16/83	83.62	18.5													7.8	5130											
21	09/13/83	83.70	19	37	11	7.7	1600	100				1982	478			7.7	5260	3794	0.1		0.85	1.5		-0.1	0.003	0.003	0.09	0.01
21	10/18/83	83.80	18													7.6	4910											
21	11/22/83	83.89	17													7.9	5130											
21	12/07/83	83.93	17	36	11	8.8	1300	110				2200	400			7.7	5180	3800	-0.1		0.03	1.6		-0.1	0.002	-0.001	0.02	0.01
21	01/24/84	84.07	16			</																						

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Reitering Well 21

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1-800-

QACIN	WORK	DATE	COMPANY/Well/Date	Serial	Hg	No	Hi	Se	V	Zn	Pb210	Ra-226	Ta230	U	CAR
ORDER	RECD		No.	Date	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	pCi/l	pCi/l	pCi/l		
NO															
21	07/01/81	81.50	-0.005	-0.005	-0.005	0.09	0.9	1.9	0.1	0.02					
21	07/01/82	82.50													
21	08/27/82	82.65													
21	09/02/82	82.67													
21	10/21/82	82.81													
21	11/23/82	82.90													
21	12/16/82	82.96													
21	01/26/83	83.07													
21	02/11/83	83.12	-0.005	0.04	-0.005	-0.005	0.03								
21	03/11/83	83.19													
21	03/17/83	83.21									-1.5	-0.6	-0.05	0.002	
21	03/17/83	83.21	-0.001	-0.01	-0.01	-0.01	-0.01	-0.1			-1.5	-0.6	-0.05	0.002	
21	04/19/83	83.30													
21	05/24/83	83.39	-0.001	-0.01	-0.005	-0.01	-0.1								
21	06/21/83	83.47													
21	07/19/83	83.55													
21	08/16/83	83.62													
21	09/13/83	83.70	-0.001	-0.01	-0.005	-0.01	-0.1								
21	10/18/83	83.80													
21	11/22/83	83.89													
21	12/07/83	83.93	-0.001	-0.01	0.04	0.02	-0.1				-0.6			0.002	
21	01/24/84	84.07													
21	02/29/84	84.15	-0.001	-0.01	0.08	-0.01	-0.1	-1.5	-0.6	-0.05	0.005				
21	03/13/84	84.20													
21	04/24/84	84.31													
21	05/22/84	84.39	-0.001	-0.01	0.1	-0.01	-0.1				-0.6			-0.001	
21	06/26/84	84.49													
21	07/24/84	84.56													
21	08/28/84	84.66	-0.01	-0.1	0.03	-0.01	-0.1				-0.6			0.002	
21	09/25/84	84.73													
21	10/23/84	84.81													
21	11/27/84	84.91	-0.01	-0.1	-0.01	0.01	-0.1				0.4			0.003	
21	12/26/84	84.99													
21	01/22/85	85.06													
21	02/19/85	85.14	-0.01	-0.1	0.02	-0.01	-0.1	0	0.1	0.1	0.003				
21	03/26/85	85.23													
21	08/20/85	85.64	-0.01	-0.1	0.01	-0.01	-0.1				0			-0.001	
21	09/25/85	85.73													
21	10/23/85	85.81													

19-Aug-88

L-CAR

Monitoring Well 21

WCD	WDR	DATE	COMPANY	Well	Serial	Hg	Mo	Ni	Se	V	Zn	Pb210	Ra226	Tb230	U	CAR
NO	ORDER	RECD	No.	Date	Date	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	pCi/l	pCi/l	pCi/l		
				21	06/24/86	86.48										
				21	07/22/86	86.56										
				21	08/19/86	86.63	0.03	-0.1	-0.01	-0.01	-0.1		-0.6		-0.001	1
				21	09/23/86	86.73										
				21	10/28/86	86.82										
				21	11/18/86	86.88	-0.01	-0.1	-0.01	-0.01	-0.1		-0.6		-0.001	1
				21	12/23/86	86.98										
				21	02/05/87	87.10										
				21	03/03/87	87.17	-0.01	-0.1	0.01	-0.01	-0.1	-1.5	-0.6	-0.6	-0.001	1.1
				21	03/24/87	87.23										
				21	04/28/87	87.32										
				21	05/27/87	87.40	-0.01	-0.1	-0.01	-0.01	-0.1		-0.6			1
				21	06/10/87	87.44	-0.05	-0.02	-0.005	-0.02	0.013	-1.7	1.6	-0.19	-0.5	0.76
				21	06/10/87	87.44	-0.05	-0.02	-0.005	-0.02	-0.006	-1.5	2.7	-0.25	-0.5	0.72
				21	09/01/87	87.67										
				21	09/30/87	87.75										
				21	11/16/87	87.86										
				21	01/05/88	88.01										
WCD-0001	88-01-03501/08/88		Radia	21	01/05/88	88.01										
			INTERA	21	03/06/88	88.18										
WCD-0009	88-03-047		Radia	21	03/06/88	88.19							1.1	0.78		
WCD-0014	88-03-045		Radia	21	03/07/88	88.18	-0.05	0.004	-0.005	-0.003	0.016				-0.5	
			INTERA	21	06/15/88	88.46										
			INTERA	21	06/16/88	88.46										
WCD-0024	88-06-072		Radia	21	06/15/88	88.46	-0.05	0.008	-0.003	-0.005	-0.02				-0.5	
WCD-0029	88-06-123		Radia	21	06/16/88	88.46							1.3	0.19		

L-88R

Monitoring Well 22

WQCIH	WQCIH	DATE	COMPANY	Well Date	Serial	Temp	Ca	Mg	K	Na	Cl	SI02	SD4	HCO3	CO3	Alka-	pH	Cond	TOC	NO3	NH3	Fe	F	As	Cr	Pb	Mn		
NO	NO	NO	NO	No.	Date	deg C	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	umhos/cm	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l		
					22	04/19/83	83.30																						
					22	04/19/83	83.30	13	520	300	5.3	960	140	2450				7	5510	4870	1.9		0.01	0.64		0.28	0.21		
					22	05/24/83	83.39	14	550	400	6.4	1570	590	3990	1877	1548		6.7	7200	7920	6.1		-0.01	0.18		0.001	0.19		
					22	06/21/83	83.47	16										6.6	7000										
					22	07/19/83	83.55	15										6.6	6850										
					22	08/16/83	83.62	14.5										6.5	6930										
					22	09/13/83	83.70	16	550	510	4.6	1700	530	3630	1756			6.5	7720	8190	0.1		3.9	0.52	-0.1	0.004	0.01	0.16	0.22
					22	10/18/83	83.80	15.5										6.7	6880										
					22	11/22/83	83.89	14										6.6	8420										
					22	12/07/83	83.93	13.5	530	480	4.3	1700	640	4300	1660			6.5	9130	8410	12		0.76	0.56	-0.1	0.002	0.004	0.02	0.33
					22	01/24/84	84.07	14										6.5	8490										
					22	02/29/84	84.16	13	540	530	3.3	1700	560	4300	1975			6.4	8800	8830	14		0.51	0.54	-0.1	0.002	0.004	0.01	0.18
					22	03/13/84	84.20	13										6.5	8500										
					22	04/24/84	84.31	11										6.5	8570										
					22	05/22/84	84.39	14	490	480	4.4	1500	580	4260	1879			6.7	9400	9000	14		0.89	0.46	0.1	0.003	0.005	0.04	0.16
					22	06/26/84	84.49	14										6.4	9160										
					22	07/24/84	84.56	14										6.4	9180										
					22	08/28/84	84.66	14	503	410	4	1363	550	3850	1430			6.5	8870	8660	21		0.1	0.3	-0.1	0.003	-0.01	-0.01	0.23
					22	09/25/84	84.73	14										6.5	8490										
					22	10/23/84	84.81	11.5										6.6	7946										
					22	11/27/84	84.91	14	500	520	3.3	1540	500	3650	1649			6.5	8750	8520	22		-0.01	0.56	-0.1	0.007	-0.01	-0.01	0.18
					22	12/26/84	84.99	13.5										6.6	8680										
					22	01/22/85	85.06	13										6.7	8140										
					22	02/19/85	85.14	13.5	380	600	3.9	1400	580	3760	1757			6.6	7730	8060	28		-0.01	0.54	-0.1	-0.001	-0.01	-0.01	0.18
					22	03/26/85	85.23	13.5										6.7	8090										
					22	08/20/85	85.64	16	465	508	5	1310	92	3926	1950			6.6	8280	8190	-0.1	-0.1	-0.01	0.41	-0.1	-0.001		-0.01	0.15
					22	09/25/85	85.73	16										6.6	8260										
					22	10/22/85	85.81	15										6.6	8400										
					22	11/26/85	85.90	13	524	487	8	1360	465	3920	1640			6.8	7440	8170	34	-0.1	0.14	0.64	-0.1	-0.001	-0.01	-0.01	0.17
					22	12/17/85	85.96	13.5										6.4	7630										
					22	01/21/86	86.04	15										6.5	8160										
					22	02/25/86	86.15	15	535	460	4	1850	517	3940	1634			6.7	8800	7190	35	-0.1	0.05	0.49	-0.1	-0.001	-0.01	-0.01	0.24
					22	03/25/86	86.23	16										6.7	8009										
					22	04/29/86	86.33	15										6.6	8400										
					22	05/28/86	86.41	14	445	480	6.3	1200	491	3800	1756			6.6	8300	8180	43	0.7	0.03	0.47	-0.1	-0.001	-0.01	-0.01	0.26
					22	06/24/86	86.48	14										7	8050										
					22	07/22/86	86.56	16										6.4	7080										
					22	08/19/86	86.63	17	347	175	3.7	1330	463	2810	1683			6.7	6840	8360	44	0.3	0.03	0.51	-0.1	-0.001	-0.01	0.02	0.19
					22	09/23/86	86.73	15										6.7	8400										
					22	10/28/86	86.82	15										6.6	7720										
					22	11/18/86	86.88	14	407	388	4.7	1430	445	3740	1463			6.6	8540	8420	45	-0.1	1.1	0.54	-0.1	0.003	-0.01	-0.01	0.17
					22	12/23/86	86.98	13.5										6.5	8610										
					22	02/05/87	87.10	13										6.6	8430										
					22	02/24/87	87.15	11.5	527	370	4.7	1460	465	3770	1695			6.7	7260	8380	10	0.3	0.15	0.54	-0.1	-0.001	-0.01	-0.01	0.23
					22	03/24/87	87.23	12.5										6.7	8130										
					22	04/28/87	87.32	13.5										6.5	8860										
					22	05/27/87	87.40	13	452	388	3.3	1340	430	3510	1451			6.5	8060	8220	49	0.6	0.04	0.56	-0.1	-0.001	-0.01	-0.01	0.15
					22	06/09/87	87.44	16	460	480	1	1300	520	3500	1620		31	6.4	9000		12	0.08	0.05	0.6	0.009	0.005	0.024	-0.002	0.12
					22	08/26/87	87.65	13										6.5	8920										
					22	09/29/87	87.75	14					340	2700	1440		30.8	6.5	6100										
					22	11/09/87	87.86	14										6.4	7820										
					22	12/31/87	88.00	13										6.5	8400										
					22	01/08/88	88.02	13									32.7	6.76	6100										

19-Aug-08

L-2AR

Monitoring Well 22

QACID	WORK	DATE	COMPANY	Well	Date	Serial	Temp	Ca	Mg	K	Na	Cl	SI02	SO4	HCO3	CO3	Alka-	pH	Cond	TDS	NO3	NH3	Fe	F	As	Ba	Cd	Cr	Pb	Mn
ORDER	RECD		No.		Date	deg C	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	umhos/	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l
NO															as	CaCO3	neq/l		cm											
WCD-0002	86-01-03901/11/88	Radia	22	01/08/88	88.02							490		3490	1531			6.9	8710											
		INTERA	22	03/15/88	88.20	13.5												6.73	7250											
WCD-0020	88-03-111	Radia	22	03/15/88	88.20		520	520	-2	1300	520	25	3800	1448						8390	16	0.08	-0.03	0.51	-0.008	-0.009	-0.003	0.032	-0.002	0.11
		INTERA	22	06/20/88	88.47	14												6.51	7400											
WCD-0025	88-04-114	Radia	22	06/20/88	88.47		500	540	2.8	1500	470	28	3700	1470						8030	52	-0.1	-0.04	6.1	-0.002	-0.1	-0.005	-0.03	-0.001	0.14

19-Aug-88

L-6AR

Monitoring Well 22

QACM	WORK	DATE	COMPANY	Well	Date	Serial	Hg	Pb	Ki	Se	V	Zn	Pb210	Ra226	Ta230	U	CAR
	ORDER	RECD	No.		Date		ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	pCi/l	pCi/l	pCi/l		
NO																	
					22	04/19/83	83.30						-1.5	-0.4	-0.05	0.05	
					22	04/19/83	83.30	0.01	-0.01	-0.01	-0.01	-0.1	-1.5	1.7	-0.4	0.04	
					22	05/24/83	83.39	0.001	-0.01	-0.005	-0.01	-0.1					
					22	06/21/83	83.47										
					22	07/19/83	83.55										
					22	08/16/83	83.62										
					22	09/13/83	83.70	0.008	-0.01	-0.005	-0.01	-0.1					
					22	10/18/83	83.80										
					22	11/22/83	83.89										
					22	12/07/83	83.93	0.004	-0.01	0.04	-0.01	-0.1		-0.4		0.05	
					22	01/24/84	84.07										
					22	02/29/84	84.14	0.008	-0.01	0.08	-0.01	-0.1	-1.5	-0.4	-0.05	0.004	
					22	03/13/84	84.20										
					22	04/24/84	84.31										
					22	05/22/84	84.39	0.005	-0.01	0.04	-0.01	-0.1		-0.4		0.004	
					22	06/26/84	84.49										
					22	07/24/84	84.54										
					22	08/28/84	84.64	-0.01	-0.1	0.02	-0.01	0.1		-0.4		0.08	
					22	09/25/84	84.73										
					22	10/23/84	84.81										
					22	11/27/84	84.91	-0.01	-0.1	-0.01	-0.01	-0.1		0.5		0.08	
					22	12/26/84	84.99										
					22	01/22/85	85.04										
					22	02/19/85	85.14	-0.01	-0.1	-0.01	-0.01	-0.1	0	0.1	0.1	0.09	
					22	03/26/85	85.23										
					22	08/20/85	85.64	-0.31	-0.1	-0.01	-0.01	-0.1		0.4		0.09	
					22	09/25/85	85.73										
					22	10/23/85	85.81										
					22	11/26/85	85.90	-0.01	-0.1	-0.01	0.02	-0.1		0		0.09	
					22	12/17/85	85.94										
					22	01/21/86	86.04										
					22	02/25/86	86.15	-0.01	-0.1	0.01	-0.01	-0.1	0	0	1.5	0.1	1.2
					22	03/25/86	86.23										
					22	04/29/86	86.33										
					22	05/28/86	86.41	-0.01	-0.1	0.01	-0.01	-0.1		0		0.1	0.94
					22	06/24/86	86.48										
					22	07/22/86	86.54										
					22	08/19/86	86.63	-0.01	-0.1	0.01	-0.01	-0.1		-0.4		0.09	0.9
					22	09/23/86	86.73										
					22	10/28/86	86.82										
					22	11/18/86	86.88	-0.01	-0.1	0.01	-0.01	-0.1		-0.4		0.08	1
					22	12/23/86	86.99										
					22	02/05/87	87.10										
					22	02/24/87	87.15	-0.01	-0.1	0.02	-0.01	-0.1	-1.5	-0.4	-0.4	0.08	
					22	03/24/87	87.23										
					22	04/28/87	87.32										
					22	05/27/87	87.40	-0.01	-0.1	0.02	-0.09	-0.1		-0.4			0.9

DATE	TIME	DATE	TIME	Serial Temp	Ca	Mg	K	Na	Cl	SiO2	SO4	HCO3	CO3	Alka-	pH	load	TDS	MH3	MH3	Fe	F	As	Ba	Cd	Cr	Pb	Be
NO	NO	NO	NO	deg	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	meq/l		unlos/	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
23	03/24/82	82	23	14	620	280	13	650	120	2510					7.7	7410	4720	1.9		1.5	0.81	-0.1	0.003	0.01	0.13	0.27	
23	04/19/83	83	30	13	610	390	17	900	350	3050	853	700			7.1	5220	6420	1.6		0.42	0.2	-0.1	-0.001	0.005	0.002	0.12	
23	05/24/83	83	39	14	520	570	22	1200	460	4100	1196				6.9	5750		0.1		1.7	0.29	-0.1	0.004	0.006	0.41	0.04	
23	06/21/83	83	35	15	490	570	25	1200	480	4400	870				7.1	7920				2.9	0.29	-0.1	0.002	0.002	0.02	0.39	
23	07/19/83	83	55	15	500	590	19	1500	400	4400	1036				7.2	8000	8340	5.6		0.47	0.29	-0.1	0.001	0.002	0.01	0.006	
23	08/13/83	83	62	15	450	520	19	1100	430	4580	988				6.9	7900				0.37	0.25	-0.1	0.003	0.003	0.02	0.01	
23	09/13/83	83	70	16.5	445	450	22	1000	420	4200	876				6.8	8220				0.06	0.2	-0.1	0.003	-0.01	-0.01	0.03	
23	10/18/83	83	80	15	510	520	20	1090	42	4270	907				7	510				0.03	0.27	-0.1	0.003	-0.01	-0.01	-0.01	
23	11/22/83	83	89	14.5	540	540	24	1160	480	4040	1092				7	7390				-0.01	0.27	-0.1	-0.001	-0.01	-0.01	0.01	
23	12/07/83	83	93	13.5	456	584	23	1028	454	4110	950				7	7610				-0.1	0.2	-0.1	-0.001	-0.01	-0.01	-0.01	
23	01/24/84	84	07	14.5	526	521	30	1140	281	3800	1066				6.9	8440				-0.1	0.31	-0.1	-0.001	-0.01	-0.01	-0.01	
23	02/29/84	84	16	14	512	532	23	1100	435	4340	1034				7	8000				0.57	0.27	-0.1	-0.001	-0.01	0.01	0.03	
23	03/25/84	84	23	15	543	520	26	1200	442	4070	461				6.9	8800				0.03	0.27	-0.1	-0.001	-0.01	-0.01	-0.01	
23	04/29/84	84	33	15	507	407	19	1130	398	4270	985				7	8220				0.02	0.25	-0.1	-0.001	-0.01	0.02	-0.01	
23	05/28/84	84	41	14	512	441	23	1220	420	4220	1066				7	8600				0.15	0.28	-0.1	0.003	-0.01	0.02	-0.01	
23	06/24/84	84	48	14	510	402	20	1230	432	3270	1117				6.9	7720				0.02	0.29	-0.1	-0.001	0.01	-0.01	0.02	
23	07/22/84	84	56	15	493	319	18.4	1150	400	3330	939				6.8	820				-0.1	0.28	-0.1	-0.001	-0.01	-0.01	-0.01	
23	08/19/84	84	63	16.5	400	410	19	930	270	4100	594			11.3	6.8	7940				0.03	0.12	-0.1	-0.001	-0.01	-0.01	-0.01	
23	09/23/84	84	73	14.5	493	407	19	1130	398	4270	985			19.6	6.8	8900				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	10/23/84	84	81	12	512	441	23	1220	420	4220	1066				7	8600				0.02	0.25	-0.1	-0.001	-0.01	0.02	-0.01	
23	11/22/84	84	91	14	510	402	20	1230	432	3270	1117				6.9	7720				0.02	0.29	-0.1	-0.001	0.01	-0.01	0.02	
23	12/07/84	84	99	14	493	319	18.4	1150	400	3330	939				6.8	820				-0.1	0.28	-0.1	-0.001	-0.01	-0.01	-0.01	
23	01/22/85	85	06	14	400	410	19	930	270	4100	594				6.8	8900				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	02/19/85	85	14	14	493	407	19	1130	398	4270	985				7	8600				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	03/26/85	85	23	14	512	441	23	1220	420	4220	1066				6.9	7720				0.02	0.29	-0.1	-0.001	0.01	-0.01	0.02	
23	04/29/85	85	33	15	493	319	18.4	1150	400	3330	939				6.8	820				-0.1	0.28	-0.1	-0.001	-0.01	-0.01	-0.01	
23	05/28/85	85	41	14	400	410	19	930	270	4100	594				6.8	8900				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	06/24/85	85	48	14	493	407	19	1130	398	4270	985				7	8600				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	07/22/85	85	56	15	512	441	23	1220	420	4220	1066				6.9	7720				0.02	0.29	-0.1	-0.001	0.01	-0.01	0.02	
23	08/19/85	85	63	16.5	493	319	18.4	1150	400	3330	939				6.8	820				-0.1	0.28	-0.1	-0.001	-0.01	-0.01	-0.01	
23	09/23/85	85	73	14.5	400	410	19	930	270	4100	594				6.8	8900				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	10/23/85	85	81	15	493	407	19	1130	398	4270	985				7	8600				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	11/26/85	85	90	11	512	441	23	1220	420	4220	1066				6.9	7720				0.02	0.29	-0.1	-0.001	0.01	-0.01	0.02	
23	12/17/85	85	96	13.5	493	319	18.4	1150	400	3330	939				6.8	820				-0.1	0.28	-0.1	-0.001	-0.01	-0.01	-0.01	
23	01/21/86	86	06	14	400	410	19	930	270	4100	594				6.8	8900				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	02/19/86	86	15	14	493	407	19	1130	398	4270	985				7	8600				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	03/25/86	86	23	15	512	441	23	1220	420	4220	1066				6.9	7720				0.02	0.29	-0.1	-0.001	0.01	-0.01	0.02	
23	04/29/86	86	33	15	493	319	18.4	1150	400	3330	939				6.8	820				-0.1	0.28	-0.1	-0.001	-0.01	-0.01	-0.01	
23	05/28/86	86	41	14	400	410	19	930	270	4100	594				6.8	8900				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	06/24/86	86	48	14	493	407	19	1130	398	4270	985				7	8600				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	07/22/86	86	56	15	512	441	23	1220	420	4220	1066				6.9	7720				0.02	0.29	-0.1	-0.001	0.01	-0.01	0.02	
23	08/19/86	86	63	16.5	493	319	18.4	1150	400	3330	939				6.8	820				-0.1	0.28	-0.1	-0.001	-0.01	-0.01	-0.01	
23	09/23/86	86	73	16	400	410	19	930	270	4100	594				6.8	8900				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	10/23/86	86	82	15.3	493	407	19	1130	398	4270	985				7	8600				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	11/18/86	86	88	15	512	441	23	1220	420	4220	1066				6.9	7720				0.02	0.29	-0.1	-0.001	0.01	-0.01	0.02	
23	12/23/86	86	98	14	493	319	18.4	1150	400	3330	939				6.8	820				-0.1	0.28	-0.1	-0.001	-0.01	-0.01	-0.01	
23	01/05/87	87	10	14	400	410	19	930	270	4100	594				6.8	8900				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	02/24/87	87	15	12	493	407	19	1130	398	4270	985				7	8600				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	03/24/87	87	23	12.5	512	441	23	1220	420	4220	1066				6.9	7720				0.02	0.29	-0.1	-0.001	0.01	-0.01	0.02	
23	04/28/87	87	32	14	493	319	18.4	1150	400	3330	939				6.8	820				-0.1	0.28	-0.1	-0.001	-0.01	-0.01	-0.01	
23	05/27/87	87	40	13.5	400	410	19	930	270	4100	594				6.8	8900				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	06/06/87	87	44	13.5	493	407	19	1130	398	4270	985				7	8600				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	06/25/87	87	45	15	512	441	23	1220	420	4220	1066				6.9	7720				0.02	0.29	-0.1	-0.001	0.01	-0.01	0.02	
23	07/29/87	87	75	14	493	319	18.4	1150	400	3330	939				6.8	820				-0.1	0.28	-0.1	-0.001	-0.01	-0.01	-0.01	
23	08/25/87	87	85	15	400	410	19	930	270	4100	594				6.8	8900				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	09/29/87	87	75	14	493	407	19	1130	398	4270	985				7	8600				0.02	0.25	-0.1	-0.001	-0.01	-0.01	-0.01	
23	11/09/87	87	86	14	512	441	23	1220	420	4220	1066				6.9	7720				0.02	0.29	-0.1	-0.001	0.01	-0.01	0.02	
23	12/31/87	88	0																								

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Monitoring Well 23

WCI#	WORK ORDER NO	DATE RECD	COMPANY	Well Date	Serial	Temp	Ca	Mg	K	Na	Cl	SiO2	SO4	HCO3	CO3	Alka-	pH	Cond	TDS	NO3	NH3	Fe	F	As	Ba	Cd	Cr	Pb	Mn
				No.	Date	deg C	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	umhos/cm	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l
				23	01/07/88	88.02	15										20.7	7.07	3500										
WCD-0002	88-01-03901/11/88		Radian	23	01/07/88	88.02					420		3800	988				7.1	7000										
			INTERA	23	03/13/88	88.20	12.5											7.03	6000										
WCD-0022	88-03-087		Radian	23	03/14/88	88.20		500	540	-2	1200	330	15	4500	863				8000	4.7	0.06	-0.03	0.25	-0.002	-0.009	0.005	0.025	-0.002	-0.003
			INTERA	23	06/15/88	88.46	15											6.82	4500										
WCD-0024	88-06-072		Radian	23	06/15/88	88.46		440	490	17	1200	400	17	4200	958				8100	6.8	-0.2	-0.04	5.6	-0.002	0.01	-0.005	-0.03	-0.002	-0.01

1-800

[illegible][illegible]

WELL	DATE	COMPANY	Serial	Temp	Cu	Mg	K	Na	Cl	SiO2	SD4	HCO3	CO3	Alka-	pH	Caad	TDS	NO3	MH3	Fe	F	As	Ba	Cd	Cr	Pb	Mo
ORDER	WELL	WELL	Date	deg C	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	
NO	NO	NO	No.											limit		umol/L											
24	04/19/83	03.30	13	540	430	17	920	350			3950				7.3	6480	6580	5.2		0.7	0.36		-0.1	0.002	0.03	0.23	0.1
24	04/19/83	23.30																									
24	05/24/83	03.39	14	630	490	19	1120	500			4050	1150	950		7	6440	7760	5.5		0.21	0.11		-0.1	-0.001	0.006	-0.001	-0.001
24	06/21/83	03.47	15												6.9	6400											
24	07/19/83	03.55	14.5												6.8	6250											
24	08/16/83	03.62	15												6.0	6950											
24	09/13/83	03.70	16	530	570	22	1100	470			3680	1240			6.9	7000	7890	-0.1		1.3	0.27		-0.1	0.002	0.007	0.25	0.01
24	10/18/83	03.80	14.5												6.8	6180											
24	11/22/83	03.89	14.5												6.9	7660											
24	12/07/83	03.93	13.5	540	550	25	1200	560			4200	910			6.9	7910	8290	7.6		1.3	0.26		-0.1	0.001	0.003	0.02	0.19
24	01/24/84	04.07	14												6.8	7700											
24	02/29/84	04.16	14	500	620	14	1200	480			4700	1487			6.7	1300	7860	8.5		0.08	0.25		-0.1	0.001	0.001	0.02	0.004
24	03/13/84	04.20	13												6.7	1000											
24	04/24/84	04.31	13												6.7	7560											
24	05/22/84	04.39	15	520	560	20	1200	500			4420	1440			7	1500	8280	9		0.29	0.18		0.1	0.003	0.003	0.03	0.01
24	06/26/84	04.49	14												6.7	7850											
24	07/24/84	04.56	15												6.7	1320											
24	08/28/84	04.66	14.5	680	480	22	1066	520			4100	1302			6.7	1160	8632	8		0.06	0.2		-0.1	0.002	-0.01	-0.01	-0.01
24	09/25/84	04.73	14												6.6	1300											
24	10/23/84	04.81	11.5												6.7	7881											
24	11/27/84	04.91	14	560	600	21	1260	500			4010	1405			6.7	8370	8790	9		0.03	0.22		-0.1				

Counting: 1611 24

[illegible]

Monitoring Well 24

Monitoring Well 24

[illegible]

Monitoring Well 24

DATE	TIME	DATE	TIME	Serial	Hg	Pb	Mn	Co	U	Zn	As	Se	Cr	Fe	Al	Si	Ca	Mg	K	Na	Cl	S	P	Br	I	B	Li	Be	Cu	Ni	Mo	V	Ti	Zr	Hf	Y	Rb	Sr	Ba	La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Sc	Ge	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Pb	Bi	Po	At	Rn	Fr	Ra	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Pb	Bi	Po	At	Rn	Fr	Ra	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Pb	Bi	Po	At	Rn	Fr	Ra	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Pb	Bi	Po	At	Rn	Fr	Ra	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Pb	Bi	Po	At	Rn	Fr	Ra	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Pb	Bi	Po	At	Rn	Fr	Ra	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Pb	Bi	Po	At	Rn	Fr	Ra	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Pb	Bi	Po	At	Rn	Fr	Ra	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Pb	Bi	Po	At	Rn	Fr	Ra	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Pb	Bi	Po	At	Rn	Fr	Ra	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Pb	Bi	Po	At	Rn	Fr	Ra	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Pb	Bi	Po	At	Rn	Fr	Ra	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Mn
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[illegible]

19-Aug-88

L-002

Monitoring Well 25

WACV#	DATE	WACV#	Serial	Temp	Cu	Mg	K	Na	Cl	SO4	HC03	CO3	Alk-	pH	Caad	TD5	HC03	HC03	Fe	F	Ba	Cd	Cr	Pb	Mn
	REC'D		Num.	deg	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	meq/l		meq/l	meq/l	meq/l	meq/l	meq/l	meq/l	meq/l	meq/l	meq/l	meq/l	meq/l
WCD-0002	88-02-07	WCD-0002	88-02	14										8.8	6.6	1200									
									590		1445				6.7	7930									
WCD-0022	88-03-08	WCD-0022	88-20	13											6.58	7250									
					530	700	-2	1300	520	23	4400	1500					82	4.7	0.09	0.71	-0.202	-0.009	-0.003	0.043	-0.002
WCD-0030	88-04-19	WCD-0030	88-48	15											6.35	1080									
					490	620	22	1400	610	24	4000	1490					8800	82	4.4	-0.04	6.8	-0.004	-0.005	-0.03	-0.001

Monitoring Well 75

WELL	WORK	DATE	COMPANY	Well Date	Serial	Hg	Mo	Mi	Se	V	Zn	Pb210	Ra226	Ta230	U	C.R
ORDER	RECD	No.		Date	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	pCi/l	pCi/l	pCi/l		
NO																
		25	04/19/83	83.30								-1.5	1.7	-0.05	0.03	
		25	04/19/83	83.30		0.01	0.01	-0.01	-0.01	-0.1	-1.5	2.9	0.69	0.4		
		25	05/24/83	83.39		0.001	-0.01	0.009	-0.01	-0.1						
		25	06/21/83	83.47												
		25	07/19/83	83.55												
		25	08/16/83	83.62												
		25	09/13/83	83.70		0.001	-0.01	-0.005	-0.01	-0.1						
		25	10/10/83	83.80												
		25	11/22/83	83.89												
		25	12/07/83	83.93		0.003	0.02	0.05	-0.01	-0.1		-0.4			0.06	
		25	01/24/84	84.07												
		25	02/29/84	84.16		0.01	-0.01	0.06	-0.01	-0.1	-1.5	-0.6	-0.05	0.04		
		25	03/13/84	84.20												
		25	04/24/84	84.31												
		25	05/22/84	84.39		0.006	-0.01	0.03	-0.01	-0.1		-0.6			0.03	
		25	06/26/84	84.49												
		25	07/24/84	84.56												
		25	08/28/84	84.66		-0.01	-0.1	0.01	-0.01	-0.1		-0.6			0.02	
		25	09/25/84	84.73												
		25	10/23/84	84.81												
		25	11/27/84	84.91		-0.01	-0.1	-0.01	-0.01	-0.1		0.8			0.06	
		25	12/26/84	84.99												
		25	01/22/85	85.04												
		25	02/19/85	85.14		-0.01	-0.1	0.01	-0.01	-0.1	0	0.5	0.09	0.64		
		25	03/26/85	85.23												
		25	06/20/85	85.64		-0.01	-0.1	-0.01	-0.01	-0.1		0.1			0.64	
		25	09/25/85	85.73												
		25	10/23/85	85.81												
		25	11/26/85	85.90		-0.01	-0.1	-0.01	0.03	-0.1		0			0.54	
		25	12/17/85	85.96												
		25	01/21/86													

Monitoring the

-0.05 0.005 0.16 -0.005 0.022

Monitoring Well 27

[illegible]

23-Aug-88

L-148

Monitoring Well 27

WACIM	WORK	DATE	COMPANY	Well Date	Serial	Hg	Mo	Hi	Se	U	Zn	Pb210	Ra226	Ta230	U	CR
	ORDER	RECD		No.	Date	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	pCi/l	pCi/l	pCi/l		
					27 11/27/84	84.91	-0.01	-0.1	-0.01	-0.01	-0.1		0.8		0.006	
					27 01/22/85	85.06										
					27 02/19/85	85.14	-0.01	-0.1	-0.01	-0.01	-0.1	0	0.3	0.05	0.01	
					27 03/26/85	85.23										
					27 08/20/85	85.44	-0.01	-0.1	-0.01	-0.01	-0.1		0.9		0.001	
					27 09/25/85	85.73										
					27 10/23/85	85.81										
					27 11/26/85	85.90	-0.01	-0.1	-0.01	0.03	-0.1		0		0.002	
					27 12/17/85	85.96										
					27 01/21/86	86.04										
					27 02/25/86	86.15	-0.01	-0.1	-0.01	-0.01	-0.1	0	0	0	0.002	1
					27 03/25/86	86.23										
					27 04/29/86	86.33										
					27 05/28/86	86.41	-0.01	-0.1	-0.01	-0.01	-0.1		0		-0.001	0.91
					27 06/24/86	86.48										
					27 07/22/86	86.56										
					27 08/19/86	86.63	0.03	-0.1	-0.01	-0.01	-0.1		-0.6		-0.071	0.82
					27 09/23/86	86.73										
					27 10/28/86	86.82										
					27 11/18/86	86.88	0.01	-0.1	-0.01	-0.01	-0.1		-0.6		0.001	0.86
					27 12/23/86	86.98										
					27 02/05/87	87.10										
					27 02/24/87	87.15	-0.01	-0.1	-0.01	-0.01	0.1	-1.5	-0.6	-0.6	0.01	0.96
					27 03/24/87	87.23										
					27 04/28/87	87.32										
					27 05/27/87	87.40	-0.01	-0.1	-0.01	-0.01	-0.1		-0.6			1
					27 06/10/87	87.44	-0.05	-0.02	-0.005	0.02	0.17	-1.7	0.44	0.3	-0.5	0.93
					27 06/27/87	87.65										
					27 09/28/87	87.74										
					27 11/09/87	87.86										
					27 12/31/87	88.00										
					27 01/08/88	88.02										
					27 01/08/88	88.02										
					27 03/15/88	88.20										
					27 03/16/88	88.21										
					27 06/23/88	88.48										
					27 06/23/88	88.48	-0.05	0.01	-0.006	-0.005	0.36					

L-604
Monitoring Well 278

WELL	WDR	DATE	COMPANY	Well Date	Serial	Temp	Ca	Mg	K	Na	Cl	SI02	SO4	HCO3	CO3	Alka-	pH	Cond	TDS	MN	MN	Fe	F	As	Ba	Cd	Cr	Pb	Na
NO	NO	NO	NO	Mo.	Date	deg C	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	unhos/ cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
					278 02/05/87	87.10	13.5										11.3	8610											
					278 02/24/87	87.15	12	228	0.9	40	1750	55		2330	235		10	7910	5600	2.5	1.1	-0.01	0.42		-0.1	-0.001	0.04	-0.01	-0.01
					278 03/24/87	87.23	13										9.4	7440											
					278 04/20/87	87.32	15										7.9	12600											
					278 06/07/87	87.43	15	3	450	20	2500	420		8400	460		8.7	7.2	13000	-0.2	0.91	1	0.6		0.012	0.003	0.03	-0.002	0.23
					278 08/27/87	87.65	11										7.1	12620											
					278 09/26/87	87.74	17.5						370	8100	404		10.5	7.43	11000										
					278 11/03/87	87.84	14										7	11000											
					278 12/31/87	88.00	11										6.7	8140											
					278 01/05/88	88.01	13										14.1	6.77	6100										
WCD-0001	88-01-03501/00/88		Radia	278 01/05/88	88.01							345		430	697	-2	7	8720											
			INTER	278 03/06/88	88.18	15											6.98	7200											
WCD-0018	88-03-046		Radia	278 03/07/88	88.18			290	320	-2	1900	320	12	4300	671				8070	88	0.32	0.24	0.81	-0.004	-0.009	-0.003	0.023	-0.002	0.052
			INTER	278 06/27/88	88.49	17											6.84	8000											
WCD-0025	88-06-114		Radia	278 06/17/88	88.46			400	430	20	2600	530	3	5300	246				6630	160	-0.1	0.24	8.8	-0.004	-0.1	-0.005	-0.03	0.003	0.056

20-Aug-88

1-000

Monitoring Well 278

WACIN	WDRN	DATE	COMPANY	Well	Date	Serial	Hg	Pb	Mn	Se	V	Cr	Pb210	Ra226	Ta230	U	CAW
	ORDER	RECD		No.		Date	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	pCi/l	pCi/l	pCi/l		
						278 02/05/87	87.10										
						278 02/24/87	87.15	-0.01	-0.1	0.06	-0.01	-0.1	-1.5	-0.6	-0.6	0.009	1.2
						278 03/24/87	87.23										
						278 04/28/87	87.32										
						278 04/07/87	87.43	-0.05	-0.02	-0.015	-0.02	0.061	-3.8	1.5	0.23	-0.5	0.86
						278 06/27/87	87.65										
						278 09/26/87	87.74										
						278 11/03/87	87.84										
						278 12/31/87	88.00										
						278 01/05/88	88.01										
WCD-0001	00-01-03501/04/88		Radian	278	01/05/88	88.01											
			INTERA	278	03/06/88	88.18											
WCD-0018	00-03-046		Radian	278	03/07/88	88.18	-0.05	-0.003	0.105	-0.003	0.13						
			INTERA	278	04/27/88	88.49											
WCD-0025	00-06-114		Radian	278	06/17/88	88.46	-0.05	0.005	0.094	-0.005	-0.02						

Monitoring Well 29

[illegible]

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[illegible]

DATE	TIME	DATE	TIME	SERIAL	DEPTH	Ca	Mg	Na	Cl	SO4	HCO3	Alkal	pH	Cond	TDS	HCO3	Fe	f	As	Ba	Cd	Cr	Pb	Se				
MM/DD/YY	MM/DD/YY	MM/DD/YY	MM/DD/YY	No.	ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	umhos/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L					
04/28/08	06:00	04/28/08	06:00	294	86	12/87	87.45	16	39	16	7.7	1300	0	2300	326	26	7.15	8.4	4200	-0.2	1.8	0.03	1	0.014	-0.003	-0.009	-0.002	0.007
				294	09/01/87	87.47	16																					
				294	09/24/87	87.74	17																					
				294	11/10/87	87.86	14																					
				294	01/08/88	88.02	15																					
				294	01/08/88	88.02	15																					
				294	01/08/88	88.18	16																					
				294	01/08/88	88.18	16																					
				294	01/08/88	88.46	17																					
				294	01/08/88	88.46	17																					
				294	01/08/88	88.46	17																					
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				294	01/08/88	88.46	17																					

1-800-
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1-408
Monitoring well 10

WCDN	DATE	WELL	Serial	Temp	Ca	Mg	K	Na	Cl	SiO2	SO4	HCO3	CO3	alka-	Cond	Fe
WCDN	DATE	WELL	Date	deg C	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	umhos/cm	mg/l
WCD-0019	88-03-077	50	03/09/88	12	570	540	9	2100	520	11	4200	674			9300	-0.03
WCD-0025	88-04-114	50	06/17/88	15	600	540	35	2100	510	13	2600	667			10000	-0.04

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1-462

Monitoring Well 50

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Use

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1-600

Monitoring Well 51

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1-68

Monitoring Well 52

WELL NO	DATE	WELL COMPANY	WELL NO	DATE	SERIAL	TEMP	Ca	Mg	K	Na	Cl	SO4	HC03	Alkalinity	pH	Cond	Fe
WELL NO	DATE	WELL COMPANY	WELL NO	DATE	SERIAL	TEMP	Ca	Mg	K	Na	Cl	SO4	HC03	Alkalinity	pH	Cond	Fe
WCD-0015	88-03-117	Radco	52	03/18/88	88 21	14.5	39	14	7	1300	99	12	2200	421	7.67	4100	-0.03
WCD-0075	88-06-114	Radco	52	06/18/88	88 46	21	30	11	5.4	1100	94	14	2200	415	7.64	4050	0.16

23-Aug-88

1-808
Monitoring Well 52

WELL		DATE		Well	Company	Serial	Date	ANALYSIS													
WELL	NO	WELL	NO					As	Ba	Cd	Cr	Pb	Mn	Hg	Mo	Ni	Se	V	Zn	Pb210	Pb210
WCD-0015	88-03-137	WCD-0015	88-03-137	52	WATSON	88 21	03/18/88	1.4	0.004	0.012	0.005	-0.009	-0.002	0.032	-0.05	0.007	0.016	-0.003	0.022	0.210	0.210
WCD-0025	88-04-114	WCD-0025	88-04-114	52	WATSON	88 46	06/18/88	3.5	0.002	-0.1	-0.005	-0.05	-0.001	0.041	-0.05	-0.001	-0.006	-0.005	-0.02	0.210	0.210

WCD-0015 88-03-137 WCD-0025 88-04-114

WELL	DATE	WELL	COMPANY	WELL	DATE	SERIAL	TEMP	Ca	Mg	K	Na	Cl	SiO ₂	SO ₄	HCO ₃	CO ₃	Alkalinity	pH	Cond	TDS	NO ₃	Fe
WELL	DATE	WELL	COMPANY	WELL	DATE	SERIAL	TEMP	Ca	Mg	K	Na	Cl	SiO ₂	SO ₄	HCO ₃	CO ₃	Alkalinity	pH	Cond	TDS	NO ₃	Fe
W23-0015	08-03-117	W23-0015	Radco	W23-0015	08/17/98	08 21	13	23	8.7	5	11.00	240	11	162.0	459			7.88	3500			
W23-0016	08-04-129	W23-0016	Radco	W23-0016	08/23/98	08 48	22	30	9.2	5.1	13.00	140	13	180.0	450			7.46	4700			

1-002

Monitoring Well 54

USEW	DATE	WELL	COMPANY	DATE	SERIAL	TEMP	Ca	Mg	K	Na	Cl	CO ₃	SO ₄	NO ₃	CO ₃	Alkalinity	pH	COND	TDS	NO ₃	Fe
DATE	TIME	NO.				°C	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l		umhos/cm	mg/l	mg/l	mg/l
00014	00	54	IMT	03/21/88	08 22	15.5	26	8.1	4	1250	86	12	1900	426			7.84	2760	3500	-0.02	1.2
00014	00-03-135	54	Radco	03/22/88	08 22	16											7.84	4400			-0.03
00031	00-06-154	54	Radco	06/25/88	08 40		31	12	8	1200	86	17	2400	437					3200	0.9	0.99

17-Aug-88

Monitoring Well 54

MDX

DATE	TIME	WELL	COMP	DATE	SERIAL	F	Fe	Ca	Co	Pb	Mn	Hg	Mo	Ni	Se	V	Zn	PN210	PN216	PN218	PN220
08/18/88	00	54	MDX	03/22/88	88-22	1.6	0.008	0.012	-0.003	-0.009	0.003	0.008	-0.05	-0.001	-0.015	-0.003	0.007				
08/18/88	00	54	MDX	06/75/88	88-48																
08/18/88	00	54	MDX	08/75/88	88-48	3.2	-0.002	0.011	-0.005	-0.03	-0.001	0.026	-0.05	0.004	-0.05	-0.005	0.024				

1-566
Monitoring Well 25

WELL NO	DATE	WELL NO	DATE	Serial Date	Temp deg C	Ca mg/l	Mg mg/l	K mg/l	Na mg/l	Cl mg/l	SiO2 mg/l	SO4 mg/l	HCO3 mg/l	Alkalinity mg/L as CaCO3	pH	Cond umhos/cm	Fe mg/l	Mn mg/l	NO3 mg/l
W25-0017 09-03-1986	03/19/86	W25	03/19/86	08 22	19	17	6	3.3	920	74	13	1400	486		7.85	3200			
W25-0031 09-04-1986	04/21/86	W25	04/21/86	08 49	19	17	5.8	4.1	990	71	15	1400	504		7.95	3380			

19-Aug-88

1-668
Monitoring Well 55

WELL	DATE	WELL	DATE	Serial	As	Ba	Ca	Cr	Pb	Mn	Hg	Mo	Ni	Se	U	Zn	Pb210	Ra226	Ta230
LOC	NO	LOC	NO	DATE	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
WCD-0617	68-03-186	WCD-0617	68-03-186	88-22	3.6	-0.382	0.01	-0.003	-0.009	-0.002	0.02	-0.05	0.002	0.067	-0.003	0.014			
WCD-0631	88-06-154	WCD-0631	88-06-154	88-49	2.8	-0.052	-0.01	-0.005	-0.03	0.004	-0.01	-0.05	0.005	-0.05	-0.005	-0.02			

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27 Aug 86

1-1000
New York City Well 56

WELL	DATE	COMPANY	WELL NO.	DATE	SERIAL NO.	F	Fe	By	Ca	Cr	Pb	Mn	Hg	Mo	Ni	Sr	U	Zn	PAHs	PCBs	PCDDs	PCDFs
W10-0022	86-03-08	Radco	56	03/12/86	88 20																	
W10-0024	86-06-07	Radco	56	06/15/86	88 46	1.5	-0.004	0.015	-0.003	1.02	-0.002	0.025	-0.05	1.2	0.011	-0.003	0.014					
						3.5	-0.002	0.01	-0.005	-0.03	-0.002	0.01	-0.05	0.005	-0.006	-0.005	-0.02					

1-800-551-5512

Monitoring wells 37

[illegible]

14-Aug-88

Monitoring Well 57

DATE	TIME	WELL	COMPASS	DATE	SERIAL	F	As	Fe	Co	Mo	Se	0	Zn	PH	PCU/L	PCU/L	PCU/L	PCU/L	PCU/L
08/18/88	08:00	57	Radia	08/17/88	88.18	1.3	-0.002	0.019	-0.003	0.011	-0.002	0.018	-0.05	-0.003	0.006	-0.003	0.005	-0.02	-0.02
08/18/88	08:00	57	Radia	08/17/88	88.46	3	-0.002	-0.1	-0.005	0.038	-0.001	-0.01	-0.05	-0.001	-0.006	-0.005	-0.02	-0.02	-0.02
08/18/88	08:00	57	Radia	08/17/88	88.46	3	-0.002	-0.1	-0.005	0.038	-0.001	-0.01	-0.05	-0.001	-0.006	-0.005	-0.02	-0.02	-0.02

20-Aug-88

1-888
Monitoring Well 59

DATE	TIME	WELL	COMPASS	NO.	DATE	SERIAL	F	As	Es	Ca	Cr	Pb	Mo	Hg	NO	Si	Sr	U	Zn	PH210	PH226	13230
66C18	WD	WELL	COMPASS	NO.	DATE	SERIAL	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
8/20/88	08:05:058	59	Radio	59	02/07/88	88 18	2.1	-0.002	0.01	-0.003	-0.009	-0.002	0.006	-0.05	-0.003	-0.005	-0.003	0.012				
8/20/88	08:05:058	59	Radio	59	02/07/88	88 18	2.1	-0.002	0.01	-0.003	-0.009	-0.002	0.006	-0.05	-0.003	-0.005	-0.003	0.012				
8/20/88	08:05:058	59	Radio	59	02/07/88	88 18	2.1	-0.002	0.01	-0.003	-0.009	-0.002	0.006	-0.05	-0.003	-0.005	-0.003	0.012				
8/20/88	08:05:058	59	Radio	59	02/07/88	88 18	2.1	-0.002	0.01	-0.003	-0.009	-0.002	0.006	-0.05	-0.003	-0.005	-0.003	0.012				

1-166
Monitoring Well 40

WELL	DATE	WELL	COMPANY	DATE	SERIAL	TEMP	Ca	Mg	K	Na	Cl	SiO2	SO4	HCO3	CO3	Alkal-	pH	Cond	TDS	NO3	NO2	Fe
WELL	DATE	WELL	COMPANY	DATE	SERIAL	TEMP	Ca	Mg	K	Na	Cl	SiO2	SO4	HCO3	CO3	Alkal-	pH	Cond	TDS	NO3	NO2	Fe
W20-0010	08-03-05	40	Radco	03/03/98	08 18	14	7.9	2.7	1.6	540	49	13	415	804			7.9	1800	1430	-0.02	0.48	0.03
W20-0025	08-04-14	40	Radco	04/14/98	08 46	19	7.1	2.6	3	410	46	16	530	766	13		7.9	1990	1540	-0.02	0.4	0.72

1. -0.0002
Monitoring: 3611, 611

Serial Date	f mg/l	As mg/l	Ba mg/l	Cd mg/l	Cr mg/L	Pb mg/L	Hg mg/L	Mn mg/l	Ni mg/l	Sr mg/l	Zn mg/l	0.276 g/L/l	TAG 380 g/L/l
98-18	2	-0.007	0.025	-0.003	-0.009	-0.002	0.048	-0.05	-0.003	-0.005	-0.003	0.008	
98-46	2.3	-0.002	-0.1	-0.005	0.18	-0.053	0.07	-0.05	-0.001	-0.003	-0.005	-0.02	

1-468
Monitoring Well #1

WELL	DATE	WELL	DATE	Serial	Temp	Ca	Mg	K	Na	Cl	NO2	NO3	WCD3	CD3	Alkal	pH	Fe
WELL	DATE	WELL	DATE	Serial	deg C	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	meq/l		mg/l
WCD-0019	88-03-077	WCD-0019	88-03-077	88 19	12.2	330	170	-2	1100	120	12	500	388			7.62	0.11
WCD-0019	88-04-154	WCD-0019	88-04-154	88 40	14	320	160	9.6	1200	110	15	3800	380			7	0.44

Monitoring Well 62

[illegible]

Monitoring Well 62

	DATE	TIME
RECEIVED	7/10/89	10:00 AM

[illegible]

19-Aug-88

L-040

Monitoring Well 42

WQCN	WQRY ORDER NO	DATE REC'D	Company	Well No.	Date	Serial Date	AC ug/ml	DE ug/ml	CD ug/ml	CU ug/ml	SB ug/ml	TL ug/ml	Ra228 pCi/L	ALPHA pCi/L	CH ng/L
			INTERA	42	03/18/88	88.21									
WCD-0015	88-03-117		Radian	42	03/18/88	88.21									
			INTERA	42	04/26/88	88.49									
WCD-0032	88-04-155		Radian	42	04/26/88	88.49	-0.03	-0.002	-0.03	-0.025	-0.2	-0.003	-2.8	-4.2	-0.01

1-800

[illegible]

19-Aug-90

1-60P

Monitoring Well A3

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Monitoring Wells 63

[illegible]

Monitoring: 6611, 6700

[illegible]

L-604P
Monitoring Well 64

WQSW	DATE	WELL	DATE	Serial	Temp	Cx	Hg	Cl	Na	Cl	SiO2	SD4	HCO3	CO3	Alkal	Cond	TOC	NO3	Fe
WQSW	DATE	WELL	DATE	Serial	deg C	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	umol/L	mg/l	mg/l	mg/l
WQSW-0016 08-03-1985	08/22/88	64	08/22/88	08 22	16.5	8.5	6.8	2.4	450	54	13	410	540			7.95	1350	-0.02	-0.03
WQSW-0034 08-07-1985	08/28/88	64	08/28/88	08 49	19	8.5	7	3.4	490	38	14	410	544			7.81	1370	0.19	-0.04

19 Aug-88

1-156
Monitoring Well 64

WELL	DATE	WELL	DATE	Serial	F	As	Sa	Cd	Cr	Pb	Hg	Co	Ki	3a	U	2a	Pb210	Pb226	TA230
NO	REC	COMP	NO	DATE	NO	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	pCi/l	pCi/l	pCi/l
WCD-0016	88-03-15	Radco	64	03/21/88	88-22	1.9	-0.002	0.034	0.014	-0.009	0.002	0.11	-0.05	0.004	-0.003	-0.003	-0.003	-0.003	-0.003
WCD-0034	88-03-05	Radco	64	06/29/88	88-49	2.2	-0.002	0.028	-0.005	-0.03	0.002	0.044	0.00012	-0.05	0.002	-0.003	-0.005	-0.02	-0.5

19-Aug 88

1-008
Monitoring Well 6A

DATE	TIME	WELL	COMPASS	DATE	SERIAL	AS	SE	CD	CU	SP	IL	EX228	ALP900	CM
NO	WELL	NO	COMPASS	DATE	NO	WELL	AS	SE	CD	CU	SP	IL	EX228	ALP900
WCD-0016	88-03-125	6A	1971.80	03/21/88	88 22	6A	03/22/88	88 22	6A	06/28/88	88 49	6A	06/28/88	88 49
WCD-0034	88-07-005	6A	1971.80	06/28/88	88 49	6A	06/28/88	88 49	6A	06/28/88	88 49	6A	06/28/88	88 49

1-800-Monitoring Well 55

WOCIN	DATE	WILL	Serial	f	ds	Es	CA	Cr	Ph	Na	P ₂	Mo	Si	Se	y	2a	8-276	18230
WOCIN	DATE	Serial	Date	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
410-0017	08-03-1970	45	03/27/80	88.22	1.7	-0.002	0.024	-0.003	-0.009	-0.002	0.008	-0.05	0.002	0.005	-0.003	0.29		
410-0017	08-03-1970	45	03/27/80	88.49														
410-0022	08-04-1970	45	04/27/80	88.49	1.8	-0.002	0.037	-0.005	-0.03	0.003	0.11	0.00012	-0.001	-0.05	-0.005	-0.02	0.4	-0.5

20-Aug-88

1-108
Monitoring Well 45

WELL NO	DATE	WELL NO	DATE	Serial	AS	BF	CU	SO	IL	P	ALPHA	CM
WELL NO	DATE	WELL NO	DATE	Date	ug/ml	ug/ml	ug/ml	ug/ml	ug/ml	ug/ml	ug/ml	ug/ml
WCD-0017 88-03-136	8/21/88	45	8/21/88	88 22								
WCD-0032 88-06-155	8/22/88	45	8/22/88	88 49	-0.03	-0.002	-0.03	-0.025	-0.2	-0.003	-2.7	-2.1 -0.01

1-104
Monitoring Well 44

WCD	DATE	WELL	DATE	SERIAL	TEMP	Ca	Mg	K	Na	Cl	SI02	SO4	NO3	GHG	ALKAL	pH	COND	Fe
WCD	DATE	WELL	DATE	SERIAL	TEMP	Ca	Mg	K	Na	Cl	SI02	SO4	NO3	GHG	ALKAL	pH	COND	Fe
WCD-0015	88-09-117	44	03/18/98	88 21	15	200	300	-2	1400	36	14	4800	278			6.80	5800	
WCD-0024	88-04-115	44	06/20/98	88 47	17	200	300	12	1500	24	15	4100	459			6.9	6000	

20 Aug-88

1-438
Monitoring Well 66

WSP

DATE	WELL	DATE	Serial	F	As	Ca	Cr	Pb	Mn	Hg	Mo	Al	Se	U	Zn	PA210	PA226	Th230
WSP	NO	WELL	DATE	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
08/18/88	66	03/18/88	88 21	0.3	-0.002	0.02	0.022	-0.002				-0.001	-0.006	-0.003	0.13			
08/18/88	66	03/18/88	88 21	0.3	-0.002	0.02	0.022	-0.002				-0.001	-0.006	-0.003	0.13			
08/18/88	66	06/20/88	88 47	3.4	-0.002	-0.1	-0.005	-0.001	0.34		-0.05	0.006	-0.003	-0.005	-0.02			
08/18/88	66	06/20/88	88 47	3.4	-0.002	-0.1	-0.005	-0.001	0.34		-0.05	0.006	-0.003	-0.005	-0.02			

1-6-88
Monitoring Well 47

WELL NO.	DATE	WELL NO.	DATE	TEMP	Ca	Mg	K	Na	Cl	NO2	NO3	CO3	SiO2	COND	PH	COND	Fe
WELL NO.	DATE	WELL NO.	DATE	TEMP	Ca	Mg	K	Na	Cl	NO2	NO3	CO3	SiO2	COND	PH	COND	Fe
WCD-0017	89-03-12	WCD-0017	89-03-12	16.5	216	190	4.1	1200	75	14	1.26	639		5000	7.1	5000	1.1
WCD-0033	89-07-03	WCD-0033	89-07-03	17	210	210	12	1200	67	23	3000	30		5000	7.1	5000	0.99

20 Aug 88

1.100
Monitoring Well 67

DATE	TIME	WELL NO.	COMPANY	DATE	SERIAL NO.	Fe	Mn	Ca	Cr	Pb	Hg	As	Se	V	Zn	PH	EC	TEMP
8/18/88	00:00	67	Radco	08/19/88	88 22													
8/18/88	00:00	67	Radco	08/21/88	88 22	0.28	-0.002	0.079	-0.003	-0.009	-0.002	0.46	-0.05	0.004	-0.003	-0.003	0.11	
8/18/88	00:00	67	Radco	08/26/88	88 50													
8/18/88	00:00	67	Radco	08/26/88	88 50	1.4	-0.002	0.031	-0.005	-0.01	0.009	0.31	-0.05	0.009	-0.003	-0.005	-0.02	

1-100

Monitoring Well 48

Well ID	Well No.	Company	Date	Serial Date	Temp deg C	Ca mg/l	Mg mg/l	K mg/l	Na mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l as CaCO3	Other	pH	Cond umhos/cm	TDS mg/l	NO3 mg/l	Fe mg/l
W10-0027 88-03-007	48	Radco	03/13/88	08 20	13	14	5.1	4	820	82	13	1200	540	7.81	2200	2090	0.04	0.03
W10-0031 88-06-154	48	Radco	06/25/88	08 48	14	13	4	3.8	830	64	14	1000	541	7.81	2900	2300	0.2	-0.04

[illegible]

000-449-000

1

Monitoring Well 20

[illegible]

1-808
Monitoring Well 72

Well ID	Well Name	Company	Well No.	Date	Serial No.	Temp (deg C)	Ca (mg/l)	Mg (mg/l)	K (mg/l)	Na (mg/l)	Cl (mg/l)	NO ₃ (mg/l)	NO ₂ (mg/l)	SiO ₂ (mg/l)	pH	Total Solids (mg/l)	Fe (mg/l)
40C19	40C19	Radco	72	03/15/92	00 19	13											
40C19	40C19	Radco	72	03/15/92	00 19	13	300	100	7	1400	150	15	5200	300	7.03	2250	0.00
40C19	40C19	Radco	72	04/21/92	00 47	13	320	110	11	1300	150	13	3000	300			

1-508

Monitoring Well 73

WELL

WELL	DATE	WELL	DATE	Serial	Temp	Ca	Mg	K	Na	Cl	SI02	S04	HCO3	CO3	Alkal-	pH	Cond	TDS	NO3	Fe
WELL	DATE	WELL	DATE	Date	deg C	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	meq/l		umhos/cm	mg/l	mg/l	mg/l
W23-0016	88-03-15	W23	03/22/88	88.22	14	200	82	5.2	1500	94	14	3000	80			6.86	5500	5500	-0.01	1.9
W23-0026	88-04-11	W23	04/16/88	88.46	16	210	76	9.1	1400	69	16	3000	709			6.98	5030	5520	-0.1	1.6

20-Aug-88

L-BAR
Monitoring Well 73

WQCN	WORK ORDER NO	DATE REC'D	Company	Well No.	Date	Serial Date	F ng/l	As ng/l	Ba ng/l	Cd ng/l	Cr ng/l	Pb ng/l	Mn ng/l	Hg ng/l	Mo ng/l	Ni ng/l	Se ng/l	U ng/l	Zn ng/l	Pb210 pCi/l	Ra226 pCi/l	Th230 pCi/l	U	CAR
WQS-0016	88-03-135		INTERA	73	03/22/88	88.22																		
WQS-0016	88-03-135		Radian	73	03/23/88	88.23	0.83	-0.004	0.023	0.011	0.042	0.001	0.27		-0.05	-0.001	-0.006	-0.003	0.047					
WQS-0026	88-06-115		INTERA	73	06/16/88	88.46																		
WQS-0026	88-06-115		Radian	73	06/16/88	88.46	3.9	-0.004	-0.1	-0.005	-0.03	-0.001	0.22		-0.05	-0.001	-0.006	-0.005	-0.02					

1-688

Monitoring Well 74

WCDIM	WORK ORDER NO	DATE RECD	Company	Well No.	Date	Serial Date	Temp deg C	Ca mg/l	Mg mg/l	K mg/l	Na mg/l	Cl mg/l	SI02 mg/l	SD4 mg/l	HCO3 mg/l as CaCO3	CO3 mg/l	Alka- lineity meq/l	pH	Cond unhos/ cm	TDS mg/l	NO3 mg/l	NH3 mg/l	Fe mg/l	
			INTERA	74	03/17/88	88.21	12											7.6	4600					
WCD-0011	88-03-117		Radian	74	03/18/88	88.21		72	33	5	1500	110	12	2700	373					4800	-0.02	1.9	0.07	
			INTERA	74	06/16/88	88.46	17											7.7	5000					
WCD-0026	88-06-115		Radian	74	06/16/88	88.46		74	32	7.6	1700	110	13	3000	362					3560	-0.1	-0.1	0.097	

20-Aug-88

1-428

Monitoring Well 74

WELL	DATE	WELL	DATE	Serial	F	As	Cd	Cr	Pb	Mn	Hg	Mo	Ni	Se	U	Zn	Pb210	R226	U	COR
NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
WCD-00125 88-03-117	WCD-00125 88-03-117	WCD-00125 88-03-117	WCD-00125 88-03-117	88 21	1.1	-0.004	0.022	-0.003	-0.009	-0.002	0.047	-0.05	-0.001	0.012	-0.003	0.036				
WCD-00126 88-06-115	WCD-00126 88-06-115	WCD-00126 88-06-115	WCD-00126 88-06-115	88 46	4.1	-0.004	-0.1	-0.005	-0.03	0.015	0.043	-0.05	-0.001	-0.004	-0.005	-0.02				

L-428
Monitoring Well 75

WCD-0016 88-03-135	WCD-0023 88-07-003
WELL NO	WELL NO
DATE	DATE
Serial Date	Serial Date
Temp deg C	Temp deg C
Ca mg/l	Ca mg/l
Mg mg/l	Mg mg/l
K mg/l	K mg/l
Na mg/l	Na mg/l
Cl mg/l	Cl mg/l
SI02 mg/l	SI02 mg/l
SO4 mg/l	SO4 mg/l
HCO3 mg/l	HCO3 mg/l
CO3 mg/l	CO3 mg/l
alkal- inity meq/l	alkal- inity meq/l
pH	pH
Cond umhos/cm	Cond umhos/cm
TDS mg/l	TDS mg/l
MH3 mg/l	MH3 mg/l
Fe mg/l	Fe mg/l

1-1002
Monitoring Well 75

WELL	DATE	WELL	DATE	Serial	F	As	Ca	Cr	Pb	Na	Hg	Mo	Mi	Se	V	Zn	Pb210	Pb226	Th230	CM
WELL	DATE	WELL	DATE	Date	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l
WCD-0016	88-03-135	75	03/22/88	88-22	0.37	-0.004	0.031	0.008	0.042	-0.001	0.15	-0.05	-0.001	-0.006	-0.003	0.071				
WCD-0033	88-07-033	75	06/29/88	88-49	3.1	-0.002	0.022	-0.005	-0.03	-0.002	0.14	-0.05	0.003	-0.003	-0.005	-0.02				

1-008
Monitoring Well 76

DATE	TIME	WELL	COMPANY	DATE	SERIAL	TEMP	Ca	Mg	K	Na	Cl	SiO2	SO4	HCO3	CO3	Alkalinity	pH	COND	TDS	NO3	NO2	Fe
DATE	TIME	WELL	COMPANY	DATE	SERIAL	TEMP	Ca	Mg	K	Na	Cl	SiO2	SO4	HCO3	CO3	Alkalinity	pH	COND	TDS	NO3	NO2	Fe
03/16/98	08-03-117	76	Radco	03/16/98	88 21	11	290	130	-2	1000	90	12	2500	409			7.43	4150	4400	0.14	-0.02	-0.03
04/18/98	08-04-115	76	Radco	04/18/98	88 46	14	340	130	5.8	1300	71	7.1	3100	232			7.36	4800	5250	-0.1	1.6	-0.04

Monitoring Well 760

Monitoring Well 77

[illegible]

20-Aug-08

1-606

Monitoring Well 77

WELL

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1-508
Monitoring Well 78

DATE	TIME	WELL	COMPANY	DATE	SERIAL	TEMP	Ca	Mg	K	Na	Cl	SI02	SO4	NO3	CO3	Alka-	Cond	Fe
MM/DD/YY	MM/DD/YY	NO.			DATE	deg C	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	meq/l	umhos/cm	mg/l
06/14/88	08:06:07	78	Radco	06/14/88	88.45	25	340	240	11	1100	160	15	3600	402		6.77	6450	2.1
03/22/88		78	Radco	03/22/88	88.22	18	330	250	1.7	1100	160	15	3700	401		6.76	5700	0.41

20-Aug-88

L-00R

Monitoring Well 79

WCD#	WORK ORDER NO	DATE RECD	Company	Well No.	Date	Serial Date	F ng/l	As ng/l	Sa ng/l	Cd ng/l	Cr ng/l	Pb ng/l	Mn ng/l	Hg ng/l	Mo ng/l	Ni ng/l	Se ng/l	V ng/l	Zn ng/l	Pb210 pCi/l	Ra226 pCi/l	Th230 pCi/l	U	CAR
WCD-0016	88-03-135		INTERA	79	03/22/88	88.22																		
			Radian	79	03/22/88	88.22	0.28	-0.004	0.033	0.018	0.073	-0.001	0.24		0.07	-0.001	-0.003	-0.003	0.14					
WCD-0624	88-06-072		INTERA	79	06/14/88	88.45																		
			Radian	79	06/14/88	88.45	4	-0.002	0.02	-0.005	-0.03	-0.002	0.21		-0.05	0.004	-0.003	-0.003	-0.02					

天 口 湖

[illegible]

20-Aug-88

1-100

Monitoring Well 79

43X

WELL NO	DATE	WELL NO.	DATE	Serial	F	ds	Ca	Cr	Pb	Mn	Hg	Mo	Ni	Se	U	Zn	PA210	PA226	IN230
WELL NO	DATE	WELL NO.	DATE	Serial	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
W20-0015	88-03-117	79	03/17/88	88.21	2.4	-0.004	0.038	-0.003	-0.009	-0.002	0.028	-0.05	-0.001	-0.394	-0.003	0.025			
W20-0026	88-06-115	79	06/17/88	88.46	3.7	-0.004	-0.1	-0.005	-0.03	-0.001	-0.01	-0.05	-0.001	-0.006	-0.005	-0.02			

L-9AR

Monitoring Well 81

WELL	DATE	WELL	Serial	Temp	Ca	Mg	K	Na	Cl	SiO2	SO4	HCO3	CO3	Alka-	pH	Total	TDS	NO3	NO2	Fe
NO.	REC'D	No.	Date	deg C	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l		alkal-	ng/l	ng/l	ng/l	ng/l
WELL	DATE	WELL	Serial	Temp	Ca	Mg	K	Na	Cl	SiO2	SO4	HCO3	CO3	Alka-	pH	Total	TDS	NO3	NO2	Fe
NO.	REC'D	No.	Date	deg C	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l		alkal-	ng/l	ng/l	ng/l	ng/l
WCD-0015	88-03-117	INTERA	81	03/17/88	88.21	14									7.12	4660				
WCD-0029	88-04-123	Radian	81	03/18/88	88.21	260	240	2	1100	83	13	3000	428		7.09	5020	5300	-0.02	1.2	0.78
WCD-0027	88-04-122	INTERA	81	06/21/88	88.47	15														
WCD-0027	88-04-122	Radian	81	06/21/88	88.47	430	790	13	1900	81	14	3600	410				5800	1	0.54	0.047

27 Aug-88

L-84R

Monitoring Well 81

WORK ORDER NO	DATE RECD	Company	Well No.	Date	Serial Date	F ng/l	As ng/l	Ba ng/l	Cd ng/l	Cr ng/l	Pb ng/l	Mn ng/l	Hg ng/l	Mo ng/l	Ni ng/l	Se ng/l	V ng/l	Zn ng/l	Pb210 pCi/l	Ra226 pCi/l	Th230 pCi/l	U	CAR
WCD-0015 88-03-117		INTERA	81	03/17/88	88.21																		
		Radian	81	03/18/88	88.21	0.34	-0.002	0.019	-0.003	0.011	-0.002	0.11		240	-0.001	-0.003	-0.003	0.27					
WCD-0029 88-06-123		INTERA	81	06/21/88	88.47																		
		Radian	81	06/21/88	88.47																		
WCD-0027 88-06-122		Radian	81	06/21/88	88.47	3.8	-0.002	-0.1	-0.005	-0.03	-0.001	0.14	0.00012	-0.04	0.017	-0.03	-0.005	0.029	0.6	0.06			-0.04

.....

[illegible]

4.0 Surface and Drinking Water Sampling Results

L-Bar Mine
 Moquino Creek
 Date 02/16/88
 Surface Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	14	
Ca (mg/l)	120	0.06
Mg (mg/l)	52	0.1
K (mg/l)	3.6	0.3
Na (mg/l)	93	0.08
Cl (mg/l)	8.8	0.5
SO ₄ (mg/l)	515	2.5
HCO ₃ (mg/l)	241	1.0
CO ₃ (mg/l)	<1	1.0
Alkalinity (meq/l)		
pH	7.9	±0.05
Cond (umhos/cm)	1300	1.0
TDS (mg/l)	990	
NO ₃ (mg/l)	0.87	0.2
NH ₃ (mg/l)	<0.02	0.02
Fe (mg/l)	<0.03	0.03
F (mg/l)	0.78	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.024	0.01
Cu (mg/l)	<0.003	0.003
Cr (mg/l)	0.018	0.01
Pb (mg/l)	0.004	.002
Mn (mg/l)	0.024	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.02	0.02
Se (mg/l)	<.003	0.003
V (mg/l)	0.05	0.01
Zn (mg/l)	0.028	0.01
U (mg/l)	<0.5	0.5
Ra226 (pCi/kg)	0.1	0.1
Th230 (pCi/kg)	0.05	.03
Pb210 (pCi/kg)	<0.9	0.9
CAR		

L-Bar Mine
 Well Seboyeta School
 Date 02/16/88
 Drinking Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	14	
Ca (mg/l)	10	0.06
Mg (mg/l)	3.7	0.1
K (mg/l)	3.6	0.3
Na (mg/l)	86	0.08
Cl (mg/l)	6.9	0.5
SO ₄ (mg/l)	51	2.5
HCO ₃ (mg/l)	180	1.0
CO ₃ (mg/l)	<1	1.0
Alkalinity (meq/l)		
pH	7.9	±0.05
Cond (umhos/cm)	460	1.0
TDS (mg/l)	330	
NO ₃ (mg/l)	0.33	0.2
NH ₃ (mg/l)	<0.02	0.02
Fe (mg/l)	0.07	0.01
F (mg/l)	0.25	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.088	0.01
Cd (mg/l)	0.006	0.001
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	0.005	0.002
Mn (mg/l)	<0.003	0.003
Mo (mg/l)	0.05	0.01
Ni (mg/l)	<0.02	0.02
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.02	0.02
Zn (mg/l)	0.074	0.01
U (mg/l)	<0.5	0.5
Ra226 (pCi/kg)	1.0	0.1
Th230 (pCi/kg)	<.005	.005
Pb210 (pCi/kg)	<0.7	0.7
CAR		

L-Bar Mine
Well Bibb Restaurant
Date 02/16/88
Drinking Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	19	
Ca (mg/l)	12	0.06
Mg (mg/l)	4.7	0.1
K (mg/l)	2.7	0.3
Na (mg/l)	180	0.08
Cl (mg/l)	15	0.5
SO ₄ (mg/l)	140	2.5
HCO ₃ (mg/l)	287	1.0
CO ₃ (mg/l)	<1	1.0
Alkalinity (meq/l)		
pH	7.9	±0.05
Cond (umhos/cm)	910	1.0
TDS (mg/l)	570	
NO ₃ (mg/l)	0.65	0.2
NH ₃ (mg/l)	<0.02	0.02
Fe (mg/l)	11	0.1
F (mg/l)	.73	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.069	0.01
Cd (mg/l)	0.008	0.001
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	0.011	0.01
Mn (mg/l)	0.012	0.01
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	0.03	0.02
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.02	0.02
Zn (mg/l)	0.072	0.01
U (mg/l)	<0.5	0.5
Ra226 (pCi/kg)	0.5	0.1
Th230 (pCi/kg)	0.01	0.005
Pb210 (pCi/kg)	<.5	0.5
CAR		

L-Bar Mine
Moquino Well
Date 02/16/88
Drinking Water Sample

<u>Constituent</u>	<u>Concentration</u>	<u>Lower Limit of Detection</u>
Temp (°C)	15	
Ca (mg/l)	2.4	0.06
Mg (mg/l)	1.5	0.1
K (mg/l)	0.8	0.3
N (mg/l)	130	0.08
Cl (mg/l)	4.9	0.5
SO ₄ (mg/l)	86	2.5
HCO ₃ (mg/l)	282	1.0
CO ₃ (mg/l)	<1	1.0
Alkalinity (meq/l)		
pH	8.4	±0.03
Cond (umhos/cm)	700	1.0
TDS (mg/l)	450	
NO ₃ (mg/l)	6.4	0.2
NH ₃ (mg/l)	<0.02	0.02
Fe (mg/l)	0.05	0.1
F (mg/l)	0.56	0.1
As (mg/l)	<0.002	0.002
Ba (mg/l)	0.019	0.01
Cd (mg/l)	<0.003	0.003
Cr (mg/l)	<0.009	0.009
Pb (mg/l)	0.036	0.01
Mn (mg/l)	0.003	0.002
Mo (mg/l)	<0.05	0.05
Ni (mg/l)	<0.02	0.02
Se (mg/l)	<0.003	0.003
V (mg/l)	<0.02	0.02
Zn (mg/l)	0.025	0.01
U (mg/l)	<0.5	0.5
Ra226 (pCi/kg)	<0.2	0.2
Th230 (pCi/kg)	0.04	0.005
Pb210 (pCi/kg)	<1.6	1.6
CAR		

IMPORTANT NOTES

5.0 Air Filter, Direct Radiation, and Radon Sampling Results

L-Bar Mine
Moquino
Date 1/05/88 to 3/23/88
Air Samples

<u>Radioradclide</u>	<u>Concentration</u> <u>(μCi/mL)</u>	<u>Error Estimate</u> <u>(μCi/mL)</u>	<u>LLD</u> <u>(μCi/mL)</u>	<u>3 MPC</u>
U-nat	1.0×10^{-16}	2.1×10^{-17}	2.3×10^{-18}	2.0×10^{-3}
Th-230	5.3×10^{-17}	6.7×10^{-18}	1.3×10^{-18}	1.8×10^{-2}
Ra-226	2.4×10^{-17}	2.7×10^{-18}	2.0×10^{-18}	1.2×10^{-3}

L-Bar Mine
Northside Tailings
Date 01/05/88 to 03/23/88
Air Samples

<u>Radionuclide</u>	<u>Concentration</u> <u>(μCi/mL)</u>	<u>Error Estimate</u> <u>(μCi/mL)</u>	<u>LLD</u> <u>(μCi/mL)</u>	<u>MPC</u>
U-nat	4.7×10^{-16}	9.4×10^{-17}	2.0×10^{-18}	9.4×10^{-3}
Th-230	2.6×10^{-15}	5.9×10^{-17}	1.2×10^{-18}	8.7×10^{-1}
Ra-226	2.9×10^{-17}	2.9×10^{-18}	1.8×10^{-18}	1.5×10^{-3}

L-Bar Mine
Moquino
Date 3/29/88 to 6/27/88
Air Samples

<u>Radionuclide</u>	<u>Concentration</u> <u>(μCi/mL)</u>	<u>Error Estimate</u> <u>(μCi/mL)</u>	<u>LLD</u> <u>(μCi/mL)</u>	<u>* MPC</u>
U-nat	6.2×10^{-16}	1.2×10^{-18}	2.6×10^{-18}	1.2×10^{-4}
Th-230	2.2×10^{-16}	2.3×10^{-17}	6.2×10^{-18}	7.2×10^{-2}
Ra-226	4.3×10^{-17}	4.6×10^{-18}	3.8×10^{-18}	2.2×10^{-2}

L-Bar
Northside Tailings
Date 3/29/88 to 6/27/88
Air Samples

<u>Radioisotope</u>	<u>Concentration</u> <u>(μCi/mL)</u>	<u>Error Estimate</u> <u>(μCi/mL)</u>	<u>LLD</u> <u>(μCi/mL)</u>	<u>MPC</u>
U-nat	3.3×10^{-16}	6.7×10^{-17}	1.9×10^{-18}	6.6×10^{-3}
Th-230	1.5×10^{-15}	5.6×10^{-17}	4.4×10^{-18}	5.0×10^{-1}
Ra-226	4.2×10^{-17}	6.2×10^{-18}	3.8×10^{-18}	2.1×10^{-3}

L-Bar Mine
Date 1/15/88 to 3/29/88
Direct Radiation Measurements

<u>Location</u>	Exposure Rate <u>(mRem/qr)</u>	Error Estimate <u>(mRem/qr)</u>
Control	59.0	11.8
Northside Tails	32.4	3.3
Noquino	21.2	4.6

L-Bar
Date 4/01/88 to 6/28/88
Direct Radiation Measurements

<u>Location</u>	<u>Exposure Rate</u> <u>(mRem/gr)</u>	<u>Error Estimate</u> <u>(mRem/gr)</u>
Control	64.2	12.4
Northside Tails	29.8	7.5
Moquino	20.6	1.37

L-Bar Mine
Track Etch Radon Measurements
Date 1/15/88 to 3/29/88

<u>Location</u>	<u>Exposure Rate</u> <u>(pCi/L)</u>
Northside Tails	2.3
Moquino	<0.4

L-Bar
Track Etch Radon Measurements
Date 03/29/88 to 06/27/88

<u>Location</u>	<u>Exposure Rate</u> <u>(pCi/L)</u>
Northside Tails	2.0
Moquino	3.2

This image shows a single page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

6.0 Vegetation and Soil Sampling Results

L-Bar
Windmill Site
7/6/88
Vegetation Samples

<u>Radionuclide</u>	<u>Concentration</u> <u>(μCi/kg) dry</u>	<u>Error Estimate</u> <u>(μCi/kg) dry</u>	<u>LLD</u> <u>(μCi/kg)</u>
U-nat	2.7×10^{-4}	5.4×10^{-5}	3.4×10^{-5}
Th-230	4.0×10^{-4}	1.0×10^{-5}	1.0×10^{-4}
Ra-226	5.0×10^{-4}	1.0×10^{-5}	1.0×10^{-4}

L-Bar
Windmill Site
7/6/88
Sediment Samples

<u>Radionuclide</u>	<u>Concentration</u> <u>(μCi/kg) dry</u>	<u>Error Estimate</u> <u>(μCi/kg) dry</u>	<u>LLD</u> <u>(μCi/kg)</u>
U-nat	1.2×10^{-3}	2.0×10^{-4}	1.0×10^{-4}
Th-230	1.1×10^{-3}	2.0×10^{-4}	1.0×10^{-4}
Ra-226	1.7×10^{-3}	2.0×10^{-4}	2.0×10^{-5}



Intera Technologies Inc.
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6850 Austin Center Blvd.
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40-8904
Tel.: (512) 346-2000
Telex: 792 352
Telecopier: (512) 346-9436

August 29, 1988

RETURN ORIGINAL TO PDR, HQ.

Scott Grace
U.S. Nuclear Regulatory Commission
Licensing Branch
Uranium Recovery Field Office
Region IV
730 Simms
Golden, Colorado 80401



Dear Scott:

INTERA Technologies, Inc., on behalf of BP AMERICA (formerly SOHIO Minerals Corp) hereby submits five (5) copies of the Semi-Annual Environmental Monitoring Report for the first-half of 1988 for the L-Bar Uranium Mine, Cibola county, New Mexico as required in conditions 12 and 20 of the NRC Materials License SUA-1472, Amendment 7 and 10 CFR 40, Section 40.65. Also included is one (1) copy of the Semi-Annual Ground Water Monitoring Report for the site for the same period. One (1) copy of the Environmental Monitoring Report has been sent to the Director of Inspection and Enforcement in Washington, DC.

Sincerely,

T.G. Osborn
Project Coordinator

TGO:lli
Enclosures

DF02
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DESIGNATED ORIGINAL

Certified by Mary C. Ford

88-1185