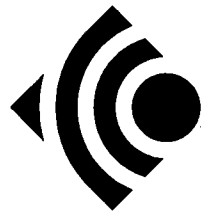


MU B Ground Water Submittal

Includes:

**Restoration Report
Correspondence
Stability Report
Final Approval – WDEQ**



**Cameco
Resources**

**CAMECO RESOURCES
*Smith Ranch-Highland
Operation***



CAMECO RESOURCES
*Smith Ranch-Highland
Operation*
Mail:
P.O. Box 1210
Glenrock, WY
82637 USA

Tel: (307) 358-6541
Fax: (307) 358-4533
www.cameco.com

June 26, 2009

Mr. Doug Mandeville
U.S. Nuclear Regulatory Commission
11545 Rockville Pike
#2 White Flint, T7E18
Rockville MD 20852-2738

RE: Source Material License SUA-1548, Docket No. 40-8964, Mine Unit B Ground Water
Restoration Submittal

Dear Mr. Mandeville:

Please find attached two (2) copies of the Mine Unit B Ground Water Restoration report for your review and approval. The report contains supporting data and related historical documentation leading to approval of restoration by the Wyoming Department of Environmental Quality dated March 31, 2008.

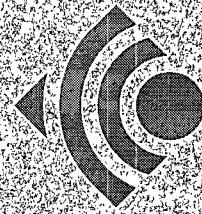
If you have questions please contact me at (307) 358-6541 ext. 462.

Regards,

A handwritten signature in black ink, appearing to read 'Krista Wenzel', written over a horizontal line.

Krista Wenzel
Manager, Environment, Health and Safety

cc: T. Cannon K. Wenzel T. Hewitt S. Bakken
L. Spackman, WDEQ/LQD File SR-4.3.3.1



Cameco Resources

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Final Approval	5



HUP 4.3.3.1

Smith Ranch - Highland
Uranium Project
P. O. Box 1210
Glenrock, Wyoming USA 82637
Casper: 307-235-1628
Douglas: 307-358-6541
Fax: 307-358-4533

August 5, 2004

Mr. Lowell Spackman, Acting District 1 Supervisor
Land Quality Division
Wyoming Department of Environmental Quality
Herschler Building
122 W. 25th Street
Cheyenne, WY 82002

RE: Permit No. 603- Highland Uranium Project
Mine Unit-B Ground Water Restoration Report

Dear Mr. Spackman:

In accordance with the approved Reclamation Plan for Permit No. 603, Powers Resources Inc. (PRI) herein submits two (2) copies of the Mine Unit B Ground Water Restoration Report for review by the Land Quality Division (LQD) staff. The Mine Unit B area was mined for uranium using In-Situ Leach (ISL) methods. Accordingly, ground water restoration at Mine Unit B was completed in accordance with requirements of the approved permit, the ISL regulations included in LQD Chapter 11 and WQD Chapter 8 Rules and Regulations, and the Wyoming Environmental Quality Act. As detailed in the report, PRI used Best Practicable Technology (BPT) for ground water restoration by employing a combination of Ground Water Sweep, Reverse Osmosis (RO) treatment, and the addition of chemical and biological reductants.

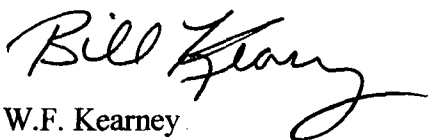
In accordance with Section 4.6- Stability, of the approved Reclamation Plan, PRI requests concurrence that restoration has been achieved in the Mine Unit B mining area. PRI believes that the restoration results are more than adequate to meet the regulations and statutes, and therefore requests that LQD recognize that the six-month "stability" monitoring period began at the end of June 2004, when the first set of Guideline No. 8 samples were obtained. During the "stability" monitoring period, the wells monitoring the restored Production Zone will be monitored in accordance with Section 4.6. The Perimeter Monitoring Wells (M-Wells) and the Underlying Zone and Overlying Zone Monitoring Wells (MU and MO Wells, respectively) will continue to be monitored on the routine, every 60-day basis. After completion of the 6-month "stability" period, PRI intends to discontinue monitoring all wells at the Mine Unit B area unless a review of the "stability" data does not warrant such action. PRI expects to submit the final report with the "stability" data for LQD review during the 1st Quarter 2005.



A member of the Cameco group of companies

If you have any questions or need any additional information, please don't hesitate to call me at (307) 358-6541 ext. 62.

Sincerely,



W.F. Kearney
Manager-Health, Safety
& Environmental Affairs

attachment

cc: R. Chancellor, LQD Administrator w/o atta.
S. P. Collings R. Knode
File HUP-4.3.3.1 L. Huffman

**Mine Unit B Ground Water Restoration Report
Smith Ranch - Highland Uranium Project**

August 4, 2004

**Wyoming Department of Environmental Quality
Permit to Mine No. 603**

Submitted To: Land Quality Division
Wyoming Department of Environmental Quality
Herschler Building
122 West 25th Street
Cheyenne, Wyoming 82002

Prepared By: Power Resources, Inc.
P.O. Box 1210
Glenrock, Wyoming 82637

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1 Executive Summary

Power Resources, Inc. (PRI) operates the Smith Ranch – Highland Uranium Project located in the southern portion of the Powder River Basin in Converse County, Wyoming. Uranium mineralization contained in the 30-Sand aquifer on the eastern edge of the Project was mined in Mine Unit B (MU-B) using the in-situ leach (ISL) method from January 1988 until July 1991. After the end of mining, restoration of the affected ground water was conducted by PRI in accordance with the general directions of the Reclamation Plan contained in Permit No. 603 and the requirements of Chapter 11 of the Wyoming Department of Environmental Quality's (WDEQ) Land Quality Division (LQD) Rules and Regulations (Non Coal - In Situ Mining). To accomplish ground water restoration, PRI employed Best Practicable Technology (BPT) by using a combination of recognized techniques, including Ground Water Sweep, Reverse Osmosis treatment and the addition of chemical and biological reductants. PRI believes that the ground water restoration of Mine Unit B meets all criteria as set forth in the Environmental Quality Act (EQA), Water Quality Division's (WQD) Rules and Regulations Chapter 8 and LQD's Rules and Regulations Chapter 11.

2 Restoration Requirements

2.1 Mine Unit B Description

A detailed description of the location of Mine Unit B can be found in the original Permit Application submitted by Everest Minerals Corporation in December 1985, as well as a summary of the geology, which is provided in section 2.4.1 of that document. Figure 1 is a map showing the location of Mine Unit B and its proximity to the nearby reclaimed and abandoned Exxon open pit and underground mines. Figure 2 shows the configuration of the injection and production wells, which comprise the Mine Unit B patterns, as well as the perimeter Production Zone monitor wells (M-Wells), the Underlying aquifer monitor wells (MU-Wells) and the Overlying aquifer monitor wells (MO-Wells). Also shown are the mineralized Production Zone monitor wells (MP-Wells), which were approved for use in determining the baseline water quality and subsequent restoration progress.

Figure 1: Mine Unit B Location Map

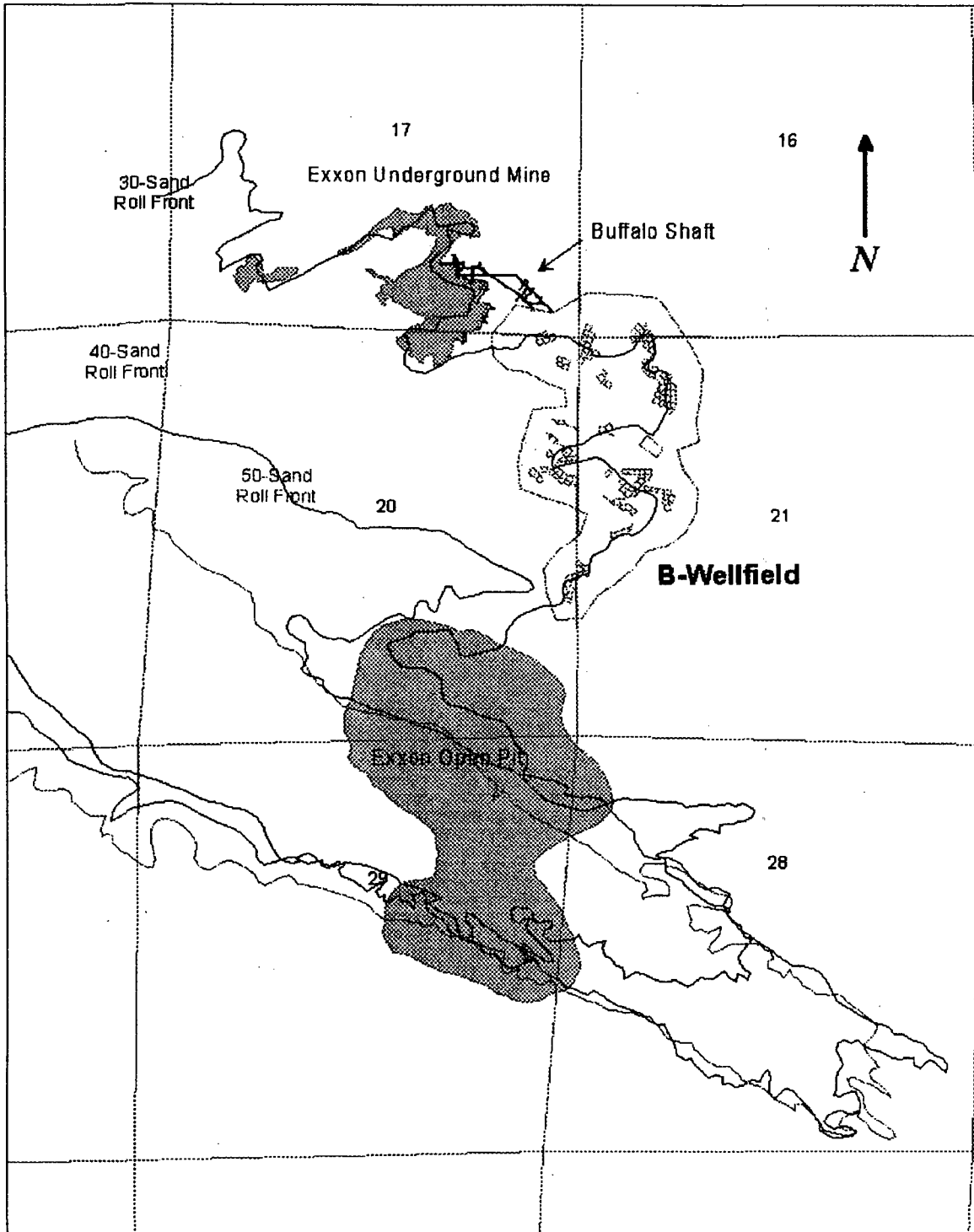
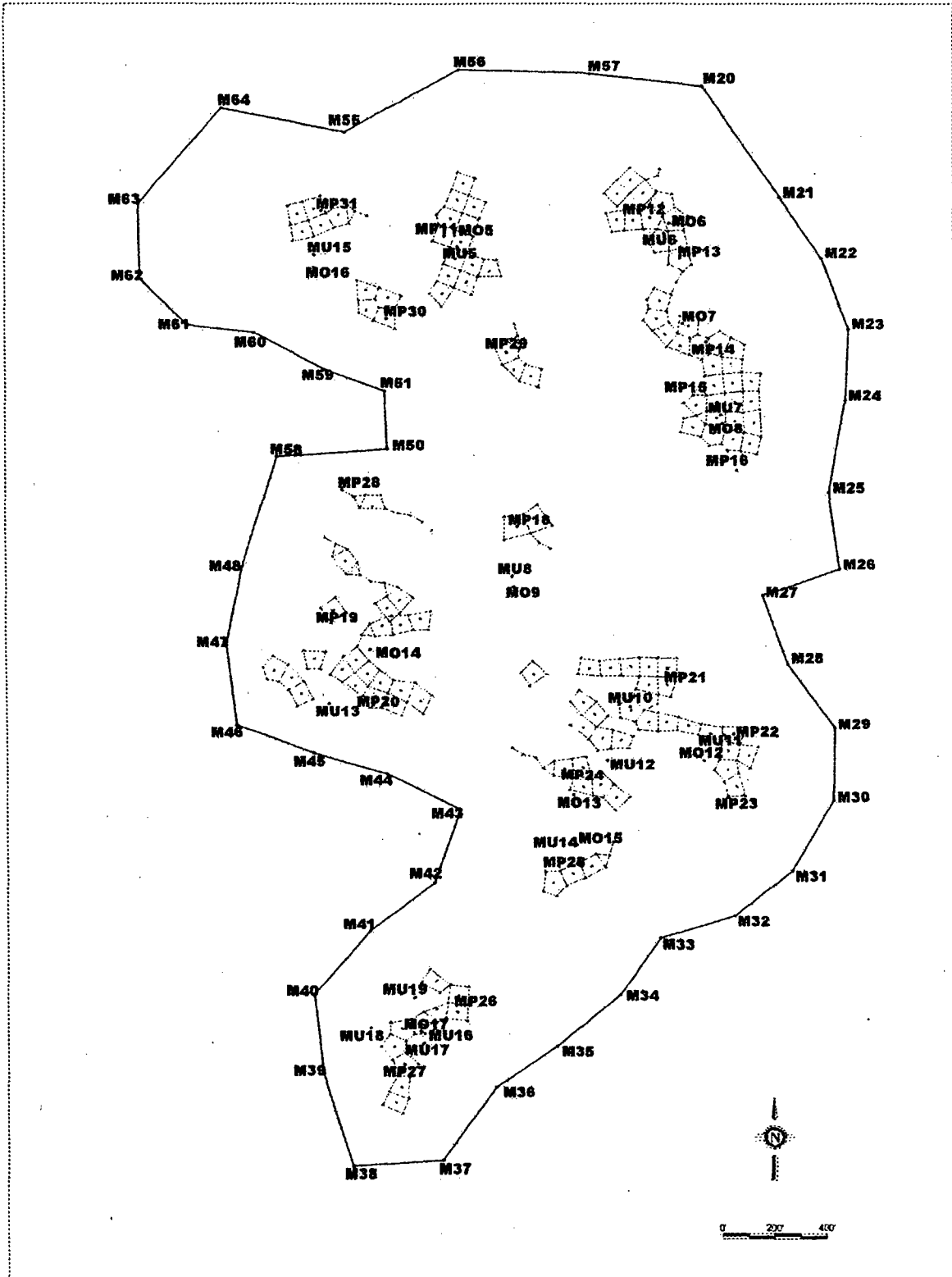


Figure 2: Mine Unit B Pattern Map



2.2 Determination of Baseline Water Quality

Pre-mining baseline ground water quality was determined through an approved sampling program for each set of monitor wells. In each case, the baseline ground water parameter concentrations were calculated as a mine unit average. The Production Zone baseline ground water quality for Mine Unit B, which was determined using averaged concentrations from Guideline No.8 parameters for Wells MP-11 to MP-16 and MP-18 to MP-31, is summarized in Table 1. There is no Well MP-17.

2.3 Ground Water Classification for Mine Unit B

Based on a determination by WQD and LQD staff personnel, in correspondence dated November 25, 2003, Mr. Richard Chancellor, Administrator, Land Quality Division, declared that the ground water in Mine Unit A (formerly referred to as the A-Wellfield) at the Highland Uranium Project met the standards for Class IV (A). However, during the actual mining of the ore, the ground water was classified as Class V (Mineral Commercial). Since the ground water quality in Mine Unit B is similar to that in Mine Unit A, PRI believes that the ground water classifications for Mine Unit B also meet the criteria for Class IV (A) and Class V. Mr. Chancellor verbally confirmed this assertion to PRI staff personnel on February 4, 2004.

The mining zone ground water in Mine Unit A was classified as Class IV (A) based on the following four criteria, which as discussed previously, also apply to Mine Unit B. First, there were no average concentrations of trace metals that exceeded Class I domestic Use standards. Second, the average baseline uranium concentration value was less than the Class I standard of 5 mg/L. Third, the average TDS concentration was less than 10,000 mg/L and finally, the average radium 226 concentration is 316 pCi/L, which exceeds the Class I standard of 5 pCi/L. Therefore, in accordance with WDEQ's ground water classification program, this last criterion establishes the pre-mining ground water as Class IV.

Table 1: Summary of Mine Unit B Baseline Ground Water Quality Oct/Nov 1987

Major Ions	Units	Avg	Min	Max
Calcium (Ca)	mg/l	49.5	42.5	63
Magnesium (Mg)	mg/l	10.2	7.6	12.5
Sodium (Na)	mg/l	57.2	42.7	83.9
Potassium (K)	mg/l	8.0	5.3	13.6
Carbonate (CO ₃)	mg/l	0.15	0	2.1
Bicarbonate (HCO ₃)	mg/l	206	162	231
Sulfate (SO ₄)	mg/l	117	81.9	216
Chloride (Cl)	mg/l	5.3	2.8	16
Ammonium (NH ₄) as N	mg/l	0.16	0.09	0.25
Nitrite (NO ₂) as N	mg/l	0.01	0.01	0.01
Nitrate (NO ₃) as N	mg/l	0.14	0.01	2.6
Fluoride (F)	mg/l	0.22	0.1	0.36
Silica (SiO ₂)	mg/l	15.8	13.1	16.9

Non-Metals				
Total Dissolved Solids (TDS) @ 180 C	mg/l	350	248	482
Conductivity	µmho/cm	564	439	968
Alkalinity, measured as CaCO ₃	mg/l	171	134	189
PH	std. units	8.12	7.64	8.35

Trace Metals				
Aluminum (Al)	mg/l	< 0.1	< 0.1	0.1
Arsenic (As)	mg/l	< 0.001	< 0.001	0.007
Barium (Ba)	mg/l	< 0.1	< 0.1	0.1
Boron (B)	mg/l	< 0.1	< 0.1	0.1
Cadmium (Cd)	mg/l	< 0.01	< 0.01	0.01
Chromium (Cr)	mg/l	< 0.05	< 0.05	0.05
Copper (Cu)	mg/l	< 0.01	< 0.01	0.01
Iron (Fe)	mg/l	0.052	< 0.05	0.15
Lead (Pb)	mg/l	< 0.05	< 0.05	0.05
Manganese (Mn)	mg/l	0.032	< 0.01	0.21
Mercury (Hg)	mg/l	< 0.001	< 0.001	0.001
Molybdenum (Mo)	mg/l	< 0.1	< 0.1	0.1
Nickel (Ni)	mg/l	< 0.05	< 0.05	0.05
Selenium (Se)	mg/l	< 0.001	< 0.001	0.01
Vanadium (V)	mg/l	< 0.1	< 0.1	0.1
Zinc (Zn)	mg/l	< 0.01	< 0.01	0.03

Radiometric				
Uranium (U Nat)	mg/l	0.062	0.004	0.62
Radium 226 (Ra 226)	pCi/l	316	3.4	1035

2.4 Restoration Criteria

Groundwater restoration is defined in the Environmental Quality Act (EQA) under Wyoming Statutes §35-11-103(f)(iii) as “the condition achieved when the quality of all groundwater affected by the injection of recovery fluids is returned to a quality of use equal to or better than, and consistent with the uses for which the water was suitable prior to the operation by employing Best Practicable Technology”. In other words, the standard as set by the EQA is to return the affected groundwater to its pre-mining Class of Use. Therefore, in accordance with the EQA ground water in Mine Unit B affected by mining activities should be restored to Class IV (A) Use Suitability.

3 Ground Water Restoration Methodology

3.1 Approved Ground Water Restoration Plan

The Ground Water Restoration Plan in Permit No. 603 (Section 4 of the Reclamation Plan) includes a ground water sweep phase and a ground water treatment and re-injection phase as the approved restoration techniques. Additionally, the use of chemical or biological reductants may be used to decrease the concentration of any redox sensitive parameters.

Also, included in the Restoration Plan are the approximate volumes of ground water to be treated during each phase. The ground water sweep phase was estimated to require 3 to 4 pore volumes, while the ground water treatment and re-injection phase was expected to require 2 to 3 pore volumes to complete. A pore volume for Mine Unit B has been previously calculated to be 61,535,000 gallons (188.8 AF) of ground water, which includes an assumed flare factor of 2.94.

3.2 Ground Water Sweep Phase

The Ground Water Sweep phase of Mine Unit B restoration began in July of 1991 with the cessation of active mining. Ground water sweep consists of significantly over producing from the affected mining zone, so that a steep cone of depression is created within the sandstone formation. Producing a steep cone of depression causes the influx of any mining solutions that may have flared beyond the mining zone during production. Initially in Mine Unit B, the ground water sweep phase of restoration consisted of pumping from the mining zone without re-injection. This continued until the first Reverse Osmosis (RO) Unit was brought on line in Mine Unit B in July 1997. Ground water sweep continued, however, throughout the ground water treatment and re-injection phase by taking an average wellfield bleed of 23 % through both RO rejection rates and through the pumping of selected production wells without re-injection.

Table 2 lists the annual cumulative flow totals for ground water sweep pumping. The table shows that a cumulative water volume of approximately 2.9 pore volumes was withdrawn from the 30-Sand during and following the ground water sweep phase of restoration.

3.3 Ground Water Treatment and Re-injection Phase

The main objective of this phase of restoration is to remove total dissolved solids from the ground water by pumping the ground water to an RO unit and then re-injecting the clean water (permeate). The first operational RO unit in Mine Unit B was RO 2, which began trial operations on July 1, 1997. This RO unit treated the southern portion of Mine Unit B. Shortly thereafter, RO 1 was brought on line to treat the northern portion of Mine Unit B. Associated with RO 1, was a de-carbonator unit, which was used to remove residual carbon dioxide from the RO permeate prior to re-injection. Finally, RO 3 was used to treat the western Mine Unit B area. The treatment phase of restoration ended on June 30, 2004 when the last RO unit was shut down. As noted in Table 2, 13.5 pore volumes were treated by reverse osmosis. An additional 2.3 pore volumes of ground water were withdrawn from the 30-Sand via the bleed stream from each of the online RO units. This gives a total cumulative bleed of 5.2 pore volumes withdrawn from the Mine Unit B pattern areas during restoration.

There are four reasons for the large number of pore volumes treated during this phase of restoration, which will not be encountered in future restoration operations. The B13/14 area was flushed with permeate and then re-circulated with the reductant sodium sulfide. The procedure was successful in decreasing selenium concentrations, but associated with this process was a significant increase in total dissolved solids. Therefore, this area was flushed again with permeate following the reductant addition.

A second reason for the increased RO treatment pore volumes was the time taken to develop a suitable procedure for adding a reductant to the formation. Although hydrogen sulfide was used during the restoration of Mine Unit A, PRI determined that the risk to its employees was too great to continue using it as a reducing agent. Sodium sulfide was the reductant chosen as a replacement for hydrogen sulfide. Following the B13/14 recirculation test, PRI tested the use of sodium sulfide by adding it to the RO permeate injection stream. These tests extended the amount of time that some patterns remained on line that otherwise would have been shut in following the completion of permeate flush.

The third reason for increased RO treatment is that the injection of RO permeate proved to be the most effective way to add the nutrients used during the bioremediation procedure. Therefore, a significant number of patterns that had been previously permeate flushed were retreated by RO to enhance the bioremediation process.

Mine Unit B Restoration Report



Table 2: Mine Unit B Annual Water Volumes

DATE	GWS (gals)	RO FEED (gals)	RECIRC (gals)	Total (gals)	Bioremediation (gals)	Sodium Sulfide (gals)	BLEED (gals)
12/31/91	13,082,020	0	0	13,082,020	0	0	13,082,020
12/31/92	32,226,033	0	0	32,226,033	0	0	32,226,033
12/31/93	22,536,659	0	0	22,536,659	0	0	22,536,659
12/31/94	20,082,555	0	0	20,082,555	0	0	20,082,555
12/31/95	24,782,943	0	0	24,782,943	0	0	24,782,943
12/31/96	15,859,395	0	0	15,859,395	0	0	15,859,395
12/31/97	8,067,492	30,934,260	0	39,001,752	0	0	14,077,637
12/31/98	4,457,736	77,501,768	0	81,959,504	0	0	16,033,170
12/31/99	7,247,930	98,345,921	12,089,326	117,683,177	0	12,089,326	24,618,956
12/31/00	11,355,002	123,097,965	6,684,660	141,137,627	0	6,684,660	33,127,985
12/31/01	5,915,682	124,668,657	3,940,612	134,524,951	0	0	30,424,835
12/31/02	3,476,960	183,123,445	4,703,121	191,303,526	0	0	34,114,762
12/31/03	8,590,442	146,019,678	6,586,153	161,196,273	4,623,646	33,953,179	29,259,734
6/30/04	2,538,556	45,208,427	22,391,088	70,138,071	49,302,402	14,492,248	10,823,771
Totals	180,219,405	828,900,121	56,394,960	1,065,514,486	53,926,048	67,219,413	321,050,455

DATE	GWS pore volumes	RO FEED pore volumes	RECIRC pore volumes	Total pore volumes	Bioremediation pore volumes	Sodium Sulfide pore volumes	BLEED pore volumes
12/31/91	0.21	0.00	0.00	0.21	0.00	0.00	0.21
12/31/92	0.52	0.00	0.00	0.52	0.00	0.00	0.52
12/31/93	0.37	0.00	0.00	0.37	0.00	0.00	0.37
12/31/94	0.33	0.00	0.00	0.33	0.00	0.00	0.33
12/31/95	0.40	0.00	0.00	0.40	0.00	0.00	0.40
12/31/96	0.26	0.00	0.00	0.26	0.00	0.00	0.26
12/31/97	0.13	0.50	0.00	0.63	0.00	0.00	0.23
12/31/98	0.07	1.26	0.00	1.33	0.00	0.00	0.26
12/31/99	0.12	1.60	0.20	1.91	0.00	0.20	0.40
12/31/00	0.18	2.00	0.11	2.29	0.00	0.11	0.54
12/31/01	0.10	2.03	0.06	2.19	0.00	0.00	0.49
12/31/02	0.06	2.98	0.08	3.11	0.00	0.00	0.55
12/31/03	0.14	2.37	0.11	2.62	0.08	0.55	0.48
6/30/04	0.04	0.73	0.36	1.14	0.80	0.24	0.18
Totals	2.93	13.47	0.92	17.32	0.88	1.09	5.22

The fourth reason for increased RO treatment is that much of the infrastructure (i.e. header houses) had been removed from Mine Unit B prior to the start of restoration activities. Many patterns that had been cleaned by permeate flush continued to operate longer than would normally be required while new infrastructure was being installed. In future Restoration operations, the infrastructure will be in place, which will make Restoration operations much more efficient.

3.4 Reductant Addition

RO treatment is an effective method for removing total dissolved solids from the ground water, however, it is not the preferred method for decreasing the concentration of oxidized metals such as selenium. The oxidation state of the formation must be returned to reducing conditions to achieve this goal. Starting in 1999, PRI began experimenting with adding the reductant sodium sulfide to the permeate injected from RO 1. The addition of this reductant to the injection stream caused injection well plugging problems and was only moderately successful in decreasing selenium concentrations. Table 2 shows that 1.09 pore volumes were treated with sodium sulfide, primarily in the northern portion of Mine Unit B. An additional 0.3 pore volumes were treated through recirculation in the B13/14 Header House area.

In August 2001, PRI began experimenting with Bioremediation Technology as a reducing agent. This method proved to be more effective than sodium sulfide in creating reducing conditions within the formation and was eventually applied to the entire Mine Unit B wellfield area. Bioremediation was first applied in the western portion of Mine Unit B on December 1, 2003 and ended in the northern portion of Mine Unit B on June 29, 2004. Bioremediation was also applied to portions of the southern Mine Unit B area in the spring of 2004. As noted in Table 2, 0.88 pore volumes were treated using this method.

3.5 Re-circulation Patterns

The "Re-circ" heading listed in Table 2 includes the total gallons of ground water that was circulated during three different operations. Between July 31, 1999 and June 30, 2000, ground water was re-circulated in a closed loop in header house B13/14 to test the effectiveness of sodium sulfide as a reductant. Between August 31, 2001 and September 30, 2002, ground water was re-circulated in a closed loop in header house B16E during the initial Bioremediation Test. During the final time period between August 31, 2003 and June 30, 2004, additional production wells were brought on line to speed up the reduction process. The ground water flow from these additional production wells bypassed the RO units, but the ground water re-injected to these wells contained either nutrients for the bioremediation process or sodium sulfide.

4 Restoration Results

4.1 Post Restoration Sampling

In accordance with permit requirements, ground water restoration success is based on the average ground water quality at the Production zone wells used to determine baseline. On June 28, 2004, the Mine Unit B MP-Wells and five perimeter monitor wells were sampled and sent to Energy Laboratories in Casper, Wyoming for full Guideline No.8 analysis. The five perimeter monitor wells were sampled because they had been on excursion status either during Production or during Restoration.

4.2 Post Restoration Pattern Ground Water Quality

Copies of the laboratory reports for each well are attached as Appendix A. Table 3 summarizes the ground water quality within the Mine Unit B pattern areas at the end of active restoration, based upon averaged concentrations of Guideline No.8 parameters for Wells MP-11 through MP-31.

Table 4 separates the parameters from the Mine Unit B MP-Wells into three groups. The twenty-four parameters listed in the first group have been restored to the Mine Unit B baseline average or better water quality or are below the average regional baseline concentrations for all of the MP-Wells in the seven active wellfields at Highland. The second group contains eight parameters, which exceed average baseline concentrations, but they are below either Class I or Class II Domestic Use Suitability standards. The parameters listed in the third group all exceed their respective baseline concentrations and either do not have a Class of Use standard or they exceed the Class I or Class II standards.

Table 3: Mine Unit B Post Restoration Sample Data, June 28, 2004

Major Ions	Units	Avg	Min	Max
Calcium (Ca)	mg/l	80.7	45.4	142
Magnesium (Mg)	mg/l	16.7	10.2	27.2
Sodium (Na)	mg/l	43.4	19	62.4
Potassium (K)	mg/l	5.8	3.1	8.3
Carbonate (CO ₃)	mg/l	< 1.0	< 1.0	< 1.0
Bicarbonate (HCO ₃)	mg/l	319	210	455
Sulfate (SO ₄)	mg/l	64.2	8	163
Chloride (Cl)	mg/l	16.8	3.8	44.2
Ammonium (NH ₄) as N	mg/l	0.46	1.19	0.07
Nitrite (NO ₂) as N	mg/l	<0.1	<0.1	<0.1
Nitrate (NO ₃) as N	mg/l	<0.1	<0.1	<0.1
Fluoride (F)	mg/l	0.17	0.1	0.2
Silica (SiO ₂)	mg/l	14.2	10.0	20.6

Non-Metals				
Total Dissolved Solids (TDS) @ 180 C	mg/l	397	264	584
Conductivity	µmho/cm	665	337	953
Alkalinity, measured as CaCO ₃	mg/l	261	172	373
pH	std. units	7.1	6.78	7.58

Trace Metals				
Aluminum (Al)	mg/l	<0.1	<0.1	<0.1
Arsenic (As)	mg/l	0.058	0.002	0.341
Barium (Ba)	mg/l	<0.1	<0.1	0.2
Boron (B)	mg/l	<0.1	<0.1	<0.1
Cadmium (Cd)	mg/l	<0.005	<0.005	<0.005
Chromium (Cr)	mg/l	<0.05	<0.05	<0.05
Copper (Cu)	mg/l	<0.01	<0.01	<0.01
Iron (Fe)	mg/l	1.3	0.08	5.5
Lead (Pb)	mg/l	<0.05	<0.05	<0.05
Manganese (Mn)	mg/l	0.36	0.16	1.04
Mercury (Hg)	mg/l	<0.001	<0.001	<0.001
Molybdenum (Mo)	mg/l	<0.1	<0.1	<0.1
Nickel (Ni)	mg/l	<0.05	<0.05	<0.05
Selenium (Se)	mg/l	0.009	0.002	0.022
Vanadium (V)	mg/l	<0.1	<0.1	<0.1
Zinc (Zn)	mg/l	<0.01	<0.01	0.01

Radiometric				
Uranium (U Nat)	mg/l	1.79	0.28	4.89
Radium 226 (Ra 226)	pCi/l	437	175	1050

Mine Unit B Restoration Report



Table 4: Groups of Mine Unit B Post Restoration Water Quality

Group I - Meet	Baseline	BASELINE (Oct/Nov 1987)	END MINING (July 1991)	MU-B AVG of MPs (June 28, 2004)	CLASS I	CLASS II	CLASS III	HUP MP-Well Baseline AVG
Parameter	Units							
Ca *	mg/l	49.5	349	80.7				82.1
Mg *	mg/l	10.2	65.5	16.7				16.8
Na	mg/l	57.2	83.4	43.4				43.0
K	mg/l	8.0	16.7	5.8				9.8
CO3	mg/l	0.15	0.0	< 1				0.072
SO4	mg/l	117	402	64.2	250.0	200.0	3000.0	207
NO2	mg/l	0.01	0.1	< 0.1	1.0		10.0	0.04
NO3	mg/l	0.14	0.3	< 0.1	10.0			0.09
F	mg/l	0.22	0.1	0.17	1.4-2.4			0.22
SiO2	mg/l	15.8	18.8	14.2				17.2
COND *	µmho/cm	564	2580	665				728
Al	mg/l	< 0.1	0.1	< 0.1		5.0	5.0	< 0.1
Ba	mg/l	< 0.1	0.1	< 0.1	1.0			< 0.1
B	mg/l	< 0.1	0.1	< 0.1	0.75	0.75	5.0	< 0.1
Cd	mg/l	< 0.01	0.01	< 0.005	0.01	0.010	0.050	< 0.01
Cr	mg/l	< 0.05	0.1	< 0.05	0.05	0.10	0.05	< 0.05
Cu	mg/l	< 0.01	0.01	< 0.01	1.00	0.20	0.50	< 0.01
Pb	mg/l	< 0.05	0.1	< 0.05	0.05	5.00	0.10	< 0.05
Hg	mg/l	< 0.001	0.0	< 0.001	0.002		0.00005	< 0.001
Mo	mg/l	< 0.1	0.1	< 0.1				< 0.1
Ni	mg/l	< 0.05	0.07	< 0.05		0.20		< 0.05
Ra 226 *	pCi/l	316	1478	437	5	5	5	480
V	mg/l	< 0.1	0.1	< 0.1		0.10	0.10	< 0.1
Zn	mg/l	< 0.01	0.11	< 0.01	5.00	2.00	25.00	< 0.01

* Parameter Meets Project Wide MP - Well Baseline Average

Group II - Meet Class I or Class II

NH4	mg/l	0.16	0.52	0.46	0.5			0.13
Cl	mg/l	5.3	232	16.8	250.0	100.0	2000.0	3.7
TDS	mg/l	350	1672	397	500	2000	5000	477
pH	std. units	8.12	6.9	7.1	6.5-9.0	4.5-9.0	6.5-8.5	7.9
As	mg/l	< 0.001	0.008	0.058	0.050	0.100	0.200	0.002
Fe	mg/l	0.052	0.1	1.3	0.30	5.00		0.05
Se	mg/l	< 0.001	0.806	0.009	0.01	0.020	0.050	0.004
U nat	mg/l	0.062	22.3	1.79	5.00	5.00	5.00	0.492

Group III - Exceed Class I or Class II or no Standard

HCO3	mg/l	206	824	319				200
ALK	mg/l	171	686	261				165
Mn	mg/l	0.032	0.9	0.36	0.05	0.20		0.03

4.3 Perimeter Monitor Well Data

Listed in Table 5 is the Guideline No. 8 water quality data from samples collected on June 28, 2004 from the perimeter monitor wells (monitor well ring) that had previously been on excursion.

4.4 Production Zone Monitor Well (M-Well) Restoration Requirements

WQD Rules and Regulations Chapter XIII, Section 4(d)(vi) states that "A discharge into an aquifer containing Class I, II, III or Special (A) Groundwater of the State shall not result in variations in the range of any parameter, or concentrations of constituents in excess of the standards of these regulations at any place or places of withdrawal or natural flow to the surface. A discharge which results in concentrations in excess of standards shall be permitted if post-discharge water quality can be returned to water quality standards or better quality; excepting that the uranium concentration in any Class I Groundwater of the State shall not exceed the pre-discharge background concentration". This regulation requires that restoration of any Class I, II or III ground water is returned to its pre-discharge Class of Use. Using this regulation as a guide, a discussion of the current status of each of the M-Well that was on excursion follows.

4.4.1 Well M-41

PRI believes that that the pre-mining ground water classification for Well M-41 is Class I. As such, a review of the June 2004 sampling data in Table 5 shows that the excursion had no significant impact on the ground water quality at Well M-41. As required, the well has been restored to its previous Class of Use. Additionally, the uranium concentration has been returned to the average baseline concentration value.

4.4.2 Well M-42

PRI believes that that the pre-mining ground water classification for Well M-42 is Class IV (A). This assertion is based on the criteria used to classify the pre-mining ground water in Mine Unit A. The pre-mining radium concentration at Well M-42 exceeded 5 pCi/L.

A review of the June 2004 sampling data in Table 5 shows that the excursion had an impact on the ground water quality at Well M-42, but it did not change the ground water Class of Use for this well. As required the well has been restored to its previous class of use. Additionally, the observed minor increase in uranium at Well M-42, is considered

insignificant, since the current uranium concentration is approximately 10 % of the Class I Domestic Use Suitability Standard of 5 mg/L. Therefore, PRI considers Well M-42 to be restored.

4.4.3 Well M-43, Well M-44, Well M-45

M-43, M-44 and M-45 have been grouped together since their pre-mining and post mining ground water quality is similar. PRI believes that that the pre-mining ground water classification for each of these wells is Class I. A review of the June 2004 sampling data in Table 5 shows that the current ground water quality has changed slightly from the pre-mining ground water quality at these wells. The ground water quality at each of these wells remains consistent with the Class I Domestic Use Suitability Standard for all parameters except for radium 226. The radium 226 concentration in each of these wells is slightly elevated from the baseline concentration. Specifically, the change in the radium 226 concentration in Well M-43 pre-mining to post restoration was from 1.3 pCi/L to 6.8 pCi/L, similarly, the change in the radium 226 concentration in Well M-44 was from 2.9 pCi/L to 5.9 pCi/L and the change in the radium 226 concentration in Well M-45 was from 1.2 pCi/L to 9.5 pCi/L.

The current water quality of these wells classifies them as Class IV (A). This is similar to the ground water quality found at Well M-42 and also it is the same Class of Use as the restored Mine Unit B mining zone ground water directly downgradient of these wells. Even though these wells have not been technically restored to baseline or Class of Use, PRI believes that any further restoration of these wells would be of little value under these conditions.

4.5 Underlying and Overlying Aquifer Monitor Wells.

There were no excursions in any of the Mine Unit B MU-Wells or MO-Wells during operations.

Table 5: Perimeter Monitor Well Sample Data

Major Ions	Units	Class I	Well M-41		Well M-42		Well M-43		Well M-44		Well M-45	
			Baseline	June 2004	Baseline	June 2004	Baseline	June 2004	Baseline	June 2004	Baseline	June 2004
Ca	mg/l		48.4	59.7	46.7	90.5	48.7	55.6	46.5	59.8	41.2	56.7
Mg	mg/l		9.6	12.5	8.5	18.7	9.7	11.6	9.1	13.2	8.5	12.4
Na	mg/l		61.8	57.6	54.8	71.1	59.7	49.0	53.2	55.5	50.5	57.5
K	mg/l		12.6	6.2	7.0	7.3	8.4	5.8	8.8	5.9	9.5	5.8
CO3	mg/l		0.0	< 1	0.0	< 1	0.0	< 1	0.0	< 1	0.0	< 1
HCO3	mg/l		232	209	202	401	193	185	202	224	184	215
SO4	mg/l	250.0	99.5	130	100	99	131	110.0	102	105	104	124
Cl	mg/l	250.0	14.0	10.4	4.3	14	6.1	9.4	5.3	13.6	4.5	5.7
NH4	mg/l	0.5	0.14	0.17	0.15	0.14	0.13	0.17	0.15	0.2	0.14	0.18
NO2	mg/l	1.0	0.01	< 0.1	0.01	< 0.1	0.01	< 0.1	0.01	< 0.1	0.01	< 0.1
NO3	mg/l	10.0	0.01	< 0.1	0.04	< 0.1	0.01	< 0.1	0.01	< 0.1	0.01	< 0.1
F	mg/l	1.4-2.4	0.15	0.20	0.46	0.2	0.17	0.20	0.17	0.2	0.14	0.2
SiO2	mg/l		16.9	16.2	17.0	18.7	15.5	15.3	15.7	14.6	14.7	14.3
Non-Metals												
TDS	mg/l	500	377	393	338	502	372	376	329	381	321	374
COND	µmho/cm		571	636	527	843	599	654	452	680	505	613
ALK	mg/l		186	171	166	328	156	152	165	183	145	176
pH	std. units	6.5-9.0	8.0	7.6	8.0	7.4	7.8	7.9	8.0	7.90	7.9	7.5
Trace Metals												
Al	mg/l		0.1	< 0.1	0.1	< 0.1	0.1	< 0.1	0.1	< 0.1	0.1	< 0.1
As	mg/l	0.05	0.002	< 0.001	0.003	< 0.001	0.002	< 0.001	0.001	< 0.001	0.001	< 0.001
Ba	mg/l	0.1	0.1	< 0.1	0.1	< 0.1	0.1	< 0.1	0.1	< 0.1	0.1	< 0.1
B	mg/l	0.75	0.1	< 0.1	0.1	< 0.1	0.1	< 0.1	0.1	< 0.1	0.1	< 0.1
Cd	mg/l	0.01	0.01	< 0.005	0.01	< 0.005	0.01	< 0.005	0.01	< 0.005	0.01	< 0.005
Cr	mg/l	0.05	0.05	< 0.05	0.05	< 0.05	0.05	< 0.05	0.05	< 0.05	0.05	< 0.05
Cu	mg/l	1	0.01	< 0.01	0.01	< 0.01	0.01	< 0.01	0.01	< 0.01	0.01	< 0.01
Fe	mg/l	0.3	0.05	0.05	0.05	0.04	0.05	0.05	0.05	< 0.03	0.05	0.05
Pb	mg/l	0.05	0.05	< 0.05	0.05	< 0.05	0.05	< 0.05	0.05	< 0.05	0.05	< 0.05
Mn	mg/l	0.05	0.03	0.03	0.02	0.04	0.02	0.03	0.01	0.02	0.02	0.02
Hg	mg/l	0.002	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001
Mo	mg/l		0.1	< 0.1	0.1	< 0.1	0.1	< 0.1	0.1	< 0.1	0.1	< 0.1
Ni	mg/l		0.05	< 0.05	0.05	< 0.05	0.05	< 0.05	0.05	< 0.05	0.05	< 0.05
Se	mg/l	0.01	0.001	< 0.001	0.001	< 0.001	0.005	< 0.001	0.001	< 0.001	0.001	< 0.001
V	mg/l		0.1	< 0.1	0.1	< 0.1	0.1	< 0.1	0.1	< 0.1	0.1	< 0.1
Zn	mg/l	5	0.01	< 0.01	0.01	< 0.01	0.01	0.01	0.01	< 0.01	0.01	< 0.01
Radiometric												
U nat	mg/l	5	0.015	0.023	0.019	0.53	0.023	0.023	0.029	0.028	0.022	0.002
Ra 226	pCi/l	5	3.0	3.8	7.8	7.9	1.3	6.8	2.9	5.9	1.2	9.5

4.6 Restoration Summary

The ground water restoration of an in situ leach production zone is governed by rules and regulations of both the Land Quality and Water Quality Division's of the WDEQ. The required provisions for restoration success are discussed below.

4.6.1 WQD Restoration Requirements

The WQD Rules and Regulations Chapter 8, Section 4(d) outlines the classification and restoration of ground waters of the state. As discussed previously, during the mining process, the ground water in Mine Unit B was classified as Class V. As such, Section 4(d) (viii)(B) states that "A discharge into a Class V (Mineral Commercial) Groundwater of the State shall be for the purpose of mineral production and shall not result in the degradation or pollution of the associated or other groundwater unless the affected groundwater quality can be returned to background or better quality after mining ceases, by a reduction or elimination of pollution; or in the waste of other waste resources. If it has been determined by the Administrator that a return to background quality cannot be achieved, the affected groundwater will, at a minimum, be returned to a condition consistent with the pre-discharge use suitability of the water." In other words, to achieve restoration success, the affected ground water must be returned to Class IV (A) ground water quality.

In the restored Mine Unit B ground water, there are three trace metal concentrations that exceed the Class I standards. These metals are arsenic, iron and manganese. Of these three metals, arsenic and iron meet Class II standards, while manganese is above Class II standards. The average uranium concentration for the restored Mine Unit B ground water is below the Class I standard of 5 mg/L. Additionally, there are no MP-Wells that exceed the Class I uranium concentration standard in Mine Unit B. The average TDS concentration for the restored ground water has been returned to below Class I standards, which is well below the 10,000 mg/L level used in determining the Class IV (A) classification for Mine Unit B. Finally, the average radium concentration exceeds the Class I standard for radium, which is similar to the pre-mining determination for the Class of Use. Although the average radium concentration has not been returned to baseline, it is well below the maximum baseline concentration of 1035 pCi/L in Mine Unit B. This comparison of the restored ground water quality to the criteria used to determine the pre-mining Class of Use in Mine Unit B indicates that the restored ground water quality is consistent with the pre-discharge Class IV (A) classification. Also, since the affected ground water has been returned to it's original Class of Use, down gradient ground water is adequately protected.

4.6.2 LQD Restoration Requirements

LQDs Rules and Regulations Chapter 11 Section 3(d)(i) details the requirements for achieving ground water restoration. This section sets the goal for restoration as “showing that through the employment of the best practicable technology, as defined in W.S. 35-11-103(f)(i):

(A) The condition and quality of all affected groundwater will be returned to background or better, or:

(B) The requirements of Section 3(d)(i)(A) cannot be achieved. In this event the condition and quality of all affected groundwater will at a minimum be returned to a quality of use equal to and consistent with uses for which the water was suitable prior to the commencement of the operation.”

PRI has demonstrated that consistent with previous operations at Mine Unit A, the Mine Unit B restored groundwater has been returned to its pre-mining Class of Use (Class IV (A)) in the preceding discussion through the use of Best Practicable Technology by employing Ground Water Sweep, ground water treatment and re-injection and through the development and use of the new Bioremediation Technology.

4.6.3 Environmental Quality Act Requirement

Groundwater restoration is defined in the Environmental Quality Act under Wyoming Statutes §35-11-103(f)(iii) as “the condition achieved when the quality of all groundwater affected by the injection of recovery fluids is returned to a quality of use equal to or better than, and consistent with the uses for which the water was suitable prior to the operation by employing Best Practicable Technology”. In other words, the standard as set by the EQA is to return the affected groundwater to its pre-mining Class of Use. Whereas the goal of baseline conditions has not been met for all parameters, PRI has met the standard of restoration as set by the EQA.

4.7 Request for Restoration Confirmation and Begin Stability with June 28, 2004 Samples

PRI considers Mine Unit B to be restored to the statutory requirements of the EQA and to the regulatory requirements of the WDEQ. PRI has met these requirements by exerting a significant level of effort using Best Practicable Technology as evidenced by the volume of ground water treated in Table 2. Furthermore, any additional restoration effort would only achieve minimal incremental improvements in the restored ground water quality since all but three ground water parameters have been returned to either baseline

Mine Unit B Restoration Report



concentration values or to Class I or Class II concentration standards. Also, from the discussion in Section 4.5.1, PRI has demonstrated that the affected ground water has been returned to a quality equal to the pre-mining classification. PRI requests concurrence from the WDEQ that the restoration goal has been met and that the six-month stability period can begin as of June 28, 2004, with the sample set collected on that date.



Appendix A

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-004
Client Sample ID: MP-11

Report Date: 07/15/04
Collection Date: 06/28/04 08:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	198	mg/L		1.0		A2320 B	06/29/04 14:15 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/29/04 14:15 / nlm
Bicarbonate as HCO3	241	mg/L		1.0		A2320 B	06/29/04 14:15 / nlm
Calcium	57.8	mg/L		1.0		E200.7	06/29/04 14:28 / ts
Chloride	9.8	mg/L		1.0		E200.7	06/29/04 14:28 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 11:16 / slb
Magnesium	11.5	mg/L		1.0		E200.7	06/29/04 14:28 / ts
Nitrogen, Ammonia as N	0.35	mg/L		0.05		A4500-NH3 G	06/29/04 11:35 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 08:50 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 08:50 / jal
Potassium	5.7	mg/L		1.0		E200.7	06/29/04 14:28 / ts
Silica	11.2	mg/L		0.1		E200.7	06/29/04 14:28 / ts
Sodium	44.2	mg/L		1.0		E200.7	06/29/04 14:28 / ts
Sulfate	56.2	mg/L		1.0		E200.7	06/29/04 14:28 / ts
PHYSICAL PROPERTIES							
Conductivity	552	umhos/cm		1.0		A2510 B	06/29/04 14:06 / dd
pH	7.58	s.u.		0.01		A4500-H B	06/29/04 14:06 / dd
Solids, Total Dissolved TDS @ 180 C	323	mg/L		10		A2540 C	06/29/04 14:28 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:28 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 19:09 / bws
Arsenic	0.029	mg/L		0.001		E200.8	07/13/04 19:09 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 19:09 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 19:09 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 19:09 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 19:09 / bws
Iron	0.2	mg/L		0.03		E200.7	06/29/04 14:28 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 19:09 / bws
Manganese	0.16	mg/L		0.01		E200.8	07/13/04 19:09 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 19:09 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 19:09 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 19:09 / bws
Selenium	0.012	mg/L		0.001		E200.8	07/13/04 19:09 / bws
Uranium	3.96	mg/L		0.0003		E200.8	07/13/04 19:09 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 19:09 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 19:09 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Subject: Smith Ranch - HUP
Lab ID: C04061221-004
Client Sample ID: MP-11

Report Date: 07/15/04
Collection Date: 06/28/04 08:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	249	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	6.5	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	4.65	%				Calculation	07/02/04 14:37 / smd
Anions	5.41	meq/L				Calculation	07/02/04 14:37 / smd
Cations	5.93	meq/L				Calculation	07/02/04 14:37 / smd
Solids, Total Dissolved Calculated	315	mg/L				Calculation	07/02/04 14:37 / smd
TDS Balance (0.80 - 1.20)	1.03	dec. %				Calculation	07/02/04 14:37 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-017
 Client Sample ID: MP-12

Report Date: 07/15/04
 Collection Date: 06/28/04 08:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	204	mg/L		1.0		A2320 B	06/30/04 11:43 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 11:43 / nlm
Bicarbonate as HCO3	248	mg/L		1.0		A2320 B	06/30/04 11:43 / nlm
Calcium	51.8	mg/L		1.0		E200.7	06/29/04 15:47 / ts
Chloride	9.1	mg/L		1.0		E200.7	06/29/04 15:47 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 14:56 / slb
Magnesium	10.4	mg/L		1.0		E200.7	06/29/04 15:47 / ts
Nitrogen, Ammonia as N	0.09	mg/L		0.05		A4500-NH3 G	06/29/04 12:17 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:42 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:42 / jal
Potassium	4.2	mg/L		1.0		E200.7	06/29/04 15:47 / ts
Silica	10.5	mg/L		0.1		E200.7	06/29/04 15:47 / ts
Sodium	34.3	mg/L		1.0		E200.7	06/29/04 15:47 / ts
Sulfate	23.4	mg/L		1.0		E200.7	06/29/04 15:47 / ts
PHYSICAL PROPERTIES							
Conductivity	337	umhos/cm		1.0		A2510 B	06/29/04 14:30 / dd
pH	7.16	s.u.		0.01		A4500-H B	06/29/04 14:30 / dd
Solids, Total Dissolved TDS @ 180 C	264	mg/L		10		A2540 C	06/29/04 14:32 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 15:47 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 23:07 / bws
Arsenic	0.059	mg/L		0.001		E200.8	07/13/04 23:07 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 23:07 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 23:07 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 23:07 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 23:07 / bws
Iron	0.2	mg/L		0.03		E200.7	06/29/04 15:47 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 23:07 / bws
Manganese	0.20	mg/L		0.01		E200.8	07/13/04 23:07 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 23:07 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 23:07 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 23:07 / bws
Selenium	0.007	mg/L		0.001		E200.8	07/13/04 23:07 / bws
Uranium	2.46	mg/L		0.0003		E200.8	07/13/04 23:07 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 23:07 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 23:07 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-014
Client Sample ID: MP-13

Report Date: 07/15/04
Collection Date: 06/28/04 08:30
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	230	mg/L		1.0		A2320 B	06/30/04 11:32 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 11:32 / nlm
Bicarbonate as HCO3	281	mg/L		1.0		A2320 B	06/30/04 11:32 / nlm
Calcium	71.9	mg/L		1.0		E200.7	06/29/04 15:38 / ts
Chloride	30.8	mg/L		1.0		E200.7	06/29/04 15:38 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 14:45 / slb
Magnesium	15.9	mg/L		1.0		E200.7	06/29/04 15:38 / ts
Nitrogen, Ammonia as N	0.08	mg/L		0.05		A4500-NH3 G	06/29/04 12:05 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:27 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:27 / jal
Potassium	5.2	mg/L		1.0		E200.7	06/29/04 15:38 / ts
Silica	10.8	mg/L		0.1		E200.7	06/29/04 15:38 / ts
Sodium	50.6	mg/L		1.0		E200.7	06/29/04 15:38 / ts
Sulfate	72.6	mg/L		1.0		E200.7	06/29/04 15:38 / ts
PHYSICAL PROPERTIES							
Conductivity	689	umhos/cm		1.0		A2510 B	06/29/04 14:25 / dd
pH	7.13	s.u.		0.01		A4500-H B	06/29/04 14:25 / dd
Solids, Total Dissolved TDS @ 180 C	376	mg/L		10		A2540 C	06/29/04 14:31 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 15:38 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 22:39 / bws
Arsenic	0.020	mg/L		0.001		E200.8	07/13/04 22:39 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 22:39 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 22:39 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 22:39 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 22:39 / bws
Iron	0.2	mg/L		0.03		E200.7	06/29/04 15:38 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 22:39 / bws
Manganese	0.23	mg/L		0.01		E200.8	07/13/04 22:39 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 22:39 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 22:39 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 22:39 / bws
Selenium	0.003	mg/L		0.001		E200.8	07/13/04 22:39 / bws
Uranium	1.75	mg/L		0.0003		E200.8	07/13/04 22:39 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 22:39 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 22:39 / bws

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-014
 Client Sample ID: MP-13

Report Date: 07/15/04
 Collection Date: 06/28/04 08:30
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	221	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	7.9	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	1.82	%				Calculation	07/02/04 14:40 / smd
Anions	6.98	meq/L				Calculation	07/02/04 14:40 / smd
Cations	7.24	meq/L				Calculation	07/02/04 14:40 / smd
Solids, Total Dissolved Calculated	396	mg/L				Calculation	07/02/04 14:40 / smd
TDS Balance (0.80 - 1.20)	0.950	dec. %				Calculation	07/02/04 14:40 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-015
Client Sample ID: MP-14

Report Date: 07/15/04
Collection Date: 06/28/04 08:30
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	269	mg/L		1.0		A2320 B	06/29/04 16:23 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/29/04 16:23 / nlm
Bicarbonate as HCO3	328	mg/L		1.0		A2320 B	06/29/04 16:23 / nlm
Calcium	84.6	mg/L		1.0		E200.7	06/29/04 15:41 / ts
Chloride	20.8	mg/L		1.0		E200.7	06/29/04 15:41 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 14:49 / slb
Magnesium	19.0	mg/L		1.0		E200.7	06/29/04 15:41 / ts
Nitrogen, Ammonia as N	0.16	mg/L		0.05		A4500-NH3 G	06/29/04 12:07 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:30 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:30 / jal
Potassium	6.5	mg/L		1.0		E200.7	06/29/04 15:41 / ts
Silica	10.7	mg/L		0.1		E200.7	06/29/04 15:41 / ts
Sodium	50.9	mg/L		1.0		E200.7	06/29/04 15:41 / ts
Sulfate	82.7	mg/L		1.0		E200.7	06/29/04 15:41 / ts
PHYSICAL PROPERTIES							
Conductivity	754	umhos/cm		1.0		A2510 B	06/29/04 14:28 / dd
pH	7.07	s.u.		0.01		A4500-H B	06/29/04 14:28 / dd
Solids, Total Dissolved TDS @ 180 C	434	mg/L		10		A2540 C	06/29/04 14:32 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 15:41 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 22:46 / bws
Arsenic	0.149	mg/L		0.001		E200.8	07/13/04 22:46 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 22:46 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 22:46 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 22:46 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 22:46 / bws
Iron	0.4	mg/L		0.03		E200.7	06/29/04 15:41 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 22:46 / bws
Manganese	0.24	mg/L		0.01		E200.8	07/13/04 22:46 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 22:46 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 22:46 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 22:46 / bws
Selenium	0.012	mg/L		0.001		E200.8	07/13/04 22:46 / bws
Uranium	4.89	mg/L		0.0003		E200.8	07/13/04 22:46 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 22:46 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 22:46 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-015
 Client Sample ID: MP-14

Report Date: 07/15/04
 Collection Date: 06/28/04 08:30
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	508	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	18.2	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	3.24	%				Calculation	07/02/04 14:41 / smd
Anions	7.68	meq/L				Calculation	07/02/04 14:41 / smd
Cations	8.19	meq/L				Calculation	07/02/04 14:41 / smd
Solids, Total Dissolved Calculated	436	mg/L				Calculation	07/02/04 14:41 / smd
TDS Balance (0.80 - 1.20)	1.00	dec. %				Calculation	07/02/04 14:41 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-023
 Client Sample ID: MP-15

Report Date: 07/15/04
 Collection Date: 06/28/04 09:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	198	mg/L		1.0		A2320 B	06/30/04 13:13 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 13:13 / nlm
Bicarbonate as HCO3	241	mg/L		1.0		A2320 B	06/30/04 13:13 / nlm
Calcium	53.6	mg/L		1.0		E200.7	06/29/04 16:15 / ts
Chloride	10.6	mg/L		1.0		E200.7	06/29/04 16:15 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 15:21 / sib
Magnesium	11.1	mg/L		1.0		E200.7	06/29/04 16:15 / ts
Nitrogen, Ammonia as N	0.07	mg/L		0.05		A4500-NH3 G	06/29/04 12:35 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 10:05 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 10:05 / jal
Potassium	4.1	mg/L		1.0		E200.7	06/29/04 16:15 / ts
Silica	10.4	mg/L		0.1		E200.7	06/29/04 16:15 / ts
Sodium	37.7	mg/L		1.0		E200.7	06/29/04 16:15 / ts
Sulfate	36.1	mg/L		1.0		E200.7	06/29/04 16:15 / ts
PHYSICAL PROPERTIES							
Conductivity	493	umhos/cm		1.0		A2510 B	06/29/04 14:37 / dd
pH	7.31	s.u.		0.01		A4500-H B	06/29/04 14:37 / dd
Solids, Total Dissolved TDS @ 180 C	293	mg/L		10		A2540 C	06/29/04 14:33 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:15 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/14/04 00:37 / bws
Arsenic	0.041	mg/L		0.001		E200.8	07/14/04 00:37 / bws
Barium	ND	mg/L		0.1		E200.8	07/14/04 00:37 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/14/04 00:37 / bws
Chromium	ND	mg/L		0.05		E200.8	07/14/04 00:37 / bws
Copper	ND	mg/L		0.01		E200.8	07/14/04 00:37 / bws
Iron	0.2	mg/L		0.03		E200.7	06/29/04 16:15 / ts
Lead	ND	mg/L		0.05		E200.8	07/14/04 00:37 / bws
Manganese	0.16	mg/L		0.01		E200.8	07/14/04 00:37 / bws
Mercury	ND	mg/L		0.001		E200.8	07/14/04 00:37 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/14/04 00:37 / bws
Nickel	ND	mg/L		0.05		E200.8	07/14/04 00:37 / bws
Selenium	0.004	mg/L		0.001		E200.8	07/14/04 00:37 / bws
Uranium	1.05	mg/L		0.0003		E200.8	07/14/04 00:37 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/14/04 00:37 / bws
Zinc	ND	mg/L		0.01		E200.8	07/14/04 00:37 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-023
 Client Sample ID: MP-15

Report Date: 07/15/04
 Collection Date: 06/28/04 09:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	189	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	6.8	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	3.31	%				Calculation	07/02/04 14:43 / smd
Anions	5.00	meq/L				Calculation	07/02/04 14:43 / smd
Cations	5.34	meq/L				Calculation	07/02/04 14:43 / smd
Solids, Total Dissolved Calculated	282	mg/L				Calculation	07/02/04 14:43 / smd
TDS Balance (0.80 - 1.20)	1.04	dec. %				Calculation	07/02/04 14:43 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Subject: Smith Ranch - HUP
 Lab ID: C04061221-021
 Client Sample ID: MP-16

Report Date: 07/15/04
 Collection Date: 06/28/04 10:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO ₃	223	mg/L		1.0		A2320 B	06/30/04 12:49 / nlm
Carbonate as CO ₃	ND	mg/L		1.0		A2320 B	06/30/04 12:49 / nlm
Bicarbonate as HCO ₃	272	mg/L		1.0		A2320 B	06/30/04 12:49 / nlm
Calcium	45.4	mg/L		1.0		E200.7	06/29/04 16:09 / ts
Chloride	8.4	mg/L		1.0		E200.7	06/29/04 16:09 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	07/02/04 15:14 / slb
Magnesium	10.2	mg/L		1.0		E200.7	06/29/04 16:09 / ts
Nitrogen, Ammonia as N	0.50	mg/L		0.05		A4500-NH ₃ G	06/29/04 12:31 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 10:00 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO ₂ B	06/30/04 10:00 / jal
Potassium	3.1	mg/L		1.0		E200.7	06/29/04 16:09 / ts
Silica	16.1	mg/L		0.1		E200.7	06/29/04 16:09 / ts
Sodium	49.5	mg/L		1.0		E200.7	06/29/04 16:09 / ts
Sulfate	8.0	mg/L		1.0		E200.7	06/29/04 16:09 / ts
PHYSICAL PROPERTIES							
Conductivity	502	umhos/cm		1.0		A2510 B	06/29/04 14:35 / dd
pH	7.11	s.u.		0.01		A4500-H B	06/29/04 14:35 / dd
Solids, Total Dissolved TDS @ 180 C	303	mg/L		10		A2540 C	06/29/04 14:33 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:09 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/14/04 00:23 / bws
Arsenic	0.037	mg/L		0.001		E200.8	07/14/04 00:23 / bws
Barium	ND	mg/L		0.1		E200.8	07/14/04 00:23 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/14/04 00:23 / bws
Chromium	ND	mg/L		0.05		E200.8	07/14/04 00:23 / bws
Copper	ND	mg/L		0.01		E200.8	07/14/04 00:23 / bws
Iron	1.9	mg/L		0.03		E200.7	06/29/04 16:09 / ts
Lead	ND	mg/L		0.05		E200.8	07/14/04 00:23 / bws
Manganese	0.29	mg/L		0.01		E200.8	07/14/04 00:23 / bws
Mercury	ND	mg/L		0.001		E200.8	07/14/04 00:23 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/14/04 00:23 / bws
Nickel	ND	mg/L		0.05		E200.8	07/14/04 00:23 / bws
Selenium	0.011	mg/L		0.001		E200.8	07/14/04 00:23 / bws
Uranium	0.282	mg/L		0.0003		E200.8	07/14/04 00:23 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/14/04 00:23 / bws
Zinc	ND	mg/L		0.01		E200.8	07/14/04 00:23 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-021
Client Sample ID: MP-16

Report Date: 07/15/04
Collection Date: 06/28/04 10:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	271	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	9.7	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	4.99	%				Calculation	07/12/04 15:11 / smd
Anions	4.88	meq/L				Calculation	07/12/04 15:11 / smd
Cations	5.40	meq/L				Calculation	07/12/04 15:11 / smd
Solids, Total Dissolved Calculated	274	mg/L				Calculation	07/12/04 15:11 / smd
TDS Balance (0.80 - 1.20)	1.11	dec. %				Calculation	07/12/04 15:11 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-005
Client Sample ID: MP-18

Report Date: 07/15/04
Collection Date: 06/28/04 13:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	373	mg/L		1.0		A2320 B	06/29/04 14:25 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/29/04 14:25 / nlm
Bicarbonate as HCO3	455	mg/L		1.0		A2320 B	06/29/04 14:25 / nlm
Calcium	120	mg/L		1.0		E200.7	06/29/04 14:40 / ts
Chloride	44.2	mg/L		1.0		E200.7	06/29/04 14:40 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 11:20 / slb
Magnesium	27.2	mg/L		1.0		E200.7	06/29/04 14:40 / ts
Nitrogen, Ammonia as N	0.40	mg/L		0.05		A4500-NH3 G	06/29/04 11:37 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 08:52 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 08:52 / jal
Potassium	8.3	mg/L		1.0		E200.7	06/29/04 14:40 / ts
Silica	14.6	mg/L		0.1		E200.7	06/29/04 14:40 / ts
Sodium	48.6	mg/L		1.0		E200.7	06/29/04 14:40 / ts
Sulfate	57.1	mg/L		1.0		E200.7	06/29/04 14:40 / ts
PHYSICAL PROPERTIES							
Conductivity	953	umhos/cm		1.0		A2510 B	06/29/04 14:13 / dd
pH	6.97	s.u.		0.01		A4500-H B	06/29/04 14:13 / dd
Solids, Total Dissolved TDS @ 180 C	536	mg/L		10		A2540 C	06/29/04 14:28 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:40 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 19:16 / bws
Arsenic	0.007	mg/L		0.001		E200.8	07/13/04 19:16 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 19:16 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 19:16 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 19:16 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 19:16 / bws
Iron	0.4	mg/L		0.03		E200.7	06/29/04 14:40 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 19:16 / bws
Manganese	0.39	mg/L		0.01		E200.8	07/13/04 19:16 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 19:16 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 19:16 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 19:16 / bws
Selenium	0.010	mg/L		0.001		E200.8	07/13/04 19:16 / bws
Uranium	2.84	mg/L		0.0003		E200.8	07/13/04 19:16 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 19:16 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 19:16 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-005
 Client Sample ID: MP-18

Report Date: 07/15/04
 Collection Date: 06/28/04 13:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	783	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	11.9	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	3.29	%				Calculation	07/02/04 14:38 / smd
Anions	9.90	meq/L				Calculation	07/02/04 14:38 / smd
Cations	10.6	meq/L				Calculation	07/02/04 14:38 / smd
Solids, Total Dissolved Calculated	543	mg/L				Calculation	07/02/04 14:38 / smd
TDS Balance (0.80 - 1.20)	0.990	dec. %				Calculation	07/02/04 14:38 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-011
Client Sample ID: MP-19

Report Date: 07/15/04
Collection Date: 06/28/04 13:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	245	mg/L		1.0		A2320 B	06/30/04 10:59 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 10:59 / nlm
Bicarbonate as HCO3	299	mg/L		1.0		A2320 B	06/30/04 10:59 / nlm
Calcium	56.4	mg/L		1.0		E200.7	06/29/04 15:29 / ts
Chloride	17.2	mg/L		1.0		E200.7	06/29/04 15:29 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 14:34 / slb
Magnesium	12.9	mg/L		1.0		E200.7	06/29/04 15:29 / ts
Nitrogen, Ammonia as N	1.09	mg/L		0.05		A4500-NH3 G	06/29/04 11:59 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:20 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:20 / jal
Potassium	5.3	mg/L		1.0		E200.7	06/29/04 15:29 / ts
Silica	18.4	mg/L		0.1		E200.7	06/29/04 15:29 / ts
Sodium	48.3	mg/L		1.0		E200.7	06/29/04 15:29 / ts
Sulfate	22.8	mg/L		1.0		E200.7	06/29/04 15:29 / ts
PHYSICAL PROPERTIES							
Conductivity	593	umhos/cm		1.0		A2510 B	06/29/04 14:22 / dd
pH	6.96	s.u.		0.01		A4500-H B	06/29/04 14:22 / dd
Solids, Total Dissolved TDS @ 180 C	314	mg/L		10		A2540 C	06/29/04 14:30 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 15:29 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 22:18 / bws
Arsenic	0.023	mg/L		0.001		E200.8	07/13/04 22:18 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 22:18 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 22:18 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 22:18 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 22:18 / bws
Iron	2.6	mg/L		0.03		E200.7	06/29/04 15:29 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 22:18 / bws
Manganese	0.16	mg/L		0.01		E200.8	07/13/04 22:18 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 22:18 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 22:18 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 22:18 / bws
Selenium	0.003	mg/L		0.001		E200.8	07/13/04 22:18 / bws
Uranium	0.505	mg/L		0.0003		E200.8	07/13/04 22:18 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 22:18 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 22:18 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-011
Client Sample ID: MP-19

Report Date: 07/15/04
Collection Date: 06/28/04 13:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	276	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	5.3	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	3.58	%				Calculation	07/02/04 14:39 / smd
Anions	5.85	meq/L				Calculation	07/02/04 14:39 / smd
Cations	6.28	meq/L				Calculation	07/02/04 14:39 / smd
Solids, Total Dissolved Calculated	328	mg/L				Calculation	07/02/04 14:39 / smd
TDS Balance (0.80 - 1.20)	0.960	dec. %				Calculation	07/02/04 14:39 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Subject: Smith Ranch - HUP
Lab ID: C04061221-012
Client Sample ID: MP-20

Report Date: 07/15/04
Collection Date: 06/28/04 10:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	172	mg/L		1.0		A2320 B	06/30/04 11:08 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 11:08 / nlm
Bicarbonate as HCO3	210	mg/L		1.0		A2320 B	06/30/04 11:08 / nlm
Calcium	63.1	mg/L		1.0		E200.7	06/29/04 15:32 / ts
Chloride	7.5	mg/L		1.0		E200.7	06/29/04 15:32 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 14:37 / slb
Magnesium	11.1	mg/L		1.0		E200.7	06/29/04 15:32 / ts
Nitrogen, Ammonia as N	0.73	mg/L		0.05		A4500-NH3 G	06/29/04 12:01 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:22 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:22 / jal
Potassium	4.0	mg/L		1.0		E200.7	06/29/04 15:32 / ts
Silica	14.3	mg/L		0.1		E200.7	06/29/04 15:32 / ts
Sodium	62.4	mg/L		1.0		E200.7	06/29/04 15:32 / ts
Sulfate	147	mg/L		1.0		E200.7	06/29/04 15:32 / ts

PHYSICAL PROPERTIES

Conductivity	679	umhos/cm		1.0		A2510 B	06/29/04 14:23 / dd
pH	7.07	s.u.		0.01		A4500-H B	06/29/04 14:23 / dd
Solids, Total Dissolved TDS @ 180 C	400	mg/L		10		A2540 C	06/29/04 14:31 / js

METALS - DISSOLVED

Boron	ND	mg/L		0.1		E200.7	06/29/04 15:32 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 22:25 / bws
Arsenic	0.038	mg/L		0.001		E200.8	07/13/04 22:25 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 22:25 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 22:25 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 22:25 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 22:25 / bws
Iron	1.3	mg/L		0.03		E200.7	06/29/04 15:32 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 22:25 / bws
Manganese	0.61	mg/L		0.01		E200.8	07/13/04 22:25 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 22:25 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 22:25 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 22:25 / bws
Selenium	0.005	mg/L		0.001		E200.8	07/13/04 22:25 / bws
Uranium	0.753	mg/L		0.0003		E200.8	07/13/04 22:25 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 22:25 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 22:25 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-012
 Client Sample ID: MP-20

Report Date: 07/15/04
 Collection Date: 06/28/04 10:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	407	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	14.6	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	1.97	%				Calculation	07/02/04 14:40 / smd
Anions	6.71	meq/L				Calculation	07/02/04 14:40 / smd
Cations	6.98	meq/L				Calculation	07/02/04 14:40 / smd
Solids, Total Dissolved Calculated	412	mg/L				Calculation	07/02/04 14:40 / smd
TDS Balance (0.80 - 1.20)	0.970	dec. %				Calculation	07/02/04 14:40 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-020
Client Sample ID: MP-21

Report Date: 07/15/04
Collection Date: 06/28/04 10:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	297	mg/L		1.0		A2320 B	06/30/04 12:37 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 12:37 / nlm
Bicarbonate as HCO3	362	mg/L		1.0		A2320 B	06/30/04 12:37 / nlm
Calcium	102	mg/L		1.0		E200.7	06/29/04 16:06 / ts
Chloride	19.7	mg/L		1.0		E200.7	06/29/04 16:06 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	07/02/04 15:10 / slb
Magnesium	18.3	mg/L		1.0		E200.7	06/29/04 16:06 / ts
Nitrogen, Ammonia as N	0.75	mg/L		0.05		A4500-NH3 G	06/29/04 12:23 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:50 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:50 / jal
Potassium	5.1	mg/L		1.0		E200.7	06/29/04 16:06 / ts
Silica	17.4	mg/L		0.1		E200.7	06/29/04 16:06 / ts
Sodium	34.5	mg/L		1.0		E200.7	06/29/04 16:06 / ts
Sulfate	62.7	mg/L		1.0		E200.7	06/29/04 16:06 / ts
PHYSICAL PROPERTIES							
Conductivity	751	umhos/cm		1.0		A2510 B	06/29/04 14:34 / dd
pH	6.79	s.u.		0.01		A4500-H B	06/29/04 14:34 / dd
Solids, Total Dissolved TDS @ 180 C	441	mg/L		10		A2540 C	06/29/04 14:33 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:06 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/14/04 00:16 / bws
Arsenic	0.341	mg/L		0.001		E200.8	07/14/04 00:16 / bws
Barium	0.1	mg/L		0.1		E200.8	07/14/04 00:16 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/14/04 00:16 / bws
Chromium	ND	mg/L		0.05		E200.8	07/14/04 00:16 / bws
Copper	ND	mg/L		0.01		E200.8	07/14/04 00:16 / bws
Iron	3.2	mg/L		0.03		E200.7	06/29/04 16:06 / ts
Lead	ND	mg/L		0.05		E200.8	07/14/04 00:16 / bws
Manganese	0.81	mg/L		0.01		E200.8	07/14/04 00:16 / bws
Mercury	ND	mg/L		0.001		E200.8	07/14/04 00:16 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/14/04 00:16 / bws
Nickel	ND	mg/L		0.05		E200.8	07/14/04 00:16 / bws
Selenium	0.006	mg/L		0.001		E200.8	07/14/04 00:16 / bws
Uranium	0.698	mg/L		0.0003		E200.8	07/14/04 00:16 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/14/04 00:16 / bws
Zinc	ND	mg/L		0.01		E200.8	07/14/04 00:16 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-020
Client Sample ID: MP-21

Report Date: 07/15/04
Collection Date: 06/28/04 10:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	1050	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	37.6	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	3.60	%				Calculation	07/02/04 14:42 / smd
Anions	7.79	meq/L				Calculation	07/02/04 14:42 / smd
Cations	8.37	meq/L				Calculation	07/02/04 14:42 / smd
Solids, Total Dissolved Calculated	437	mg/L				Calculation	07/02/04 14:42 / smd
TDS Balance (0.80 - 1.20)	1.01	dec. %				Calculation	07/02/04 14:42 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-013
Client Sample ID: MP-22

Report Date: 07/15/04
Collection Date: 06/28/04 10:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	277	mg/L		1.0		A2320 B	06/30/04 11:20 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 11:20 / nlm
Bicarbonate as HCO3	338	mg/L		1.0		A2320 B	06/30/04 11:20 / nlm
Calcium	79.4	mg/L		1.0		E200.7	06/29/04 15:35 / ts
Chloride	14.8	mg/L		1.0		E200.7	06/29/04 15:35 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	07/02/04 14:41 / slb
Magnesium	18.4	mg/L		1.0		E200.7	06/29/04 15:35 / ts
Nitrogen, Ammonia as N	1.19	mg/L		0.05		A4500-NH3 G	06/29/04 12:03 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:25 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:25 / jal
Potassium	5.6	mg/L		1.0		E200.7	06/29/04 15:35 / ts
Silica	20.6	mg/L		0.1		E200.7	06/29/04 15:35 / ts
Sodium	26.2	mg/L		1.0		E200.7	06/29/04 15:35 / ts
Sulfate	22.1	mg/L		1.0		E200.7	06/29/04 15:35 / ts
PHYSICAL PROPERTIES							
Conductivity	639	umhos/cm		1.0		A2510 B	06/29/04 14:24 / dd
pH	6.78	s.u.		0.01		A4500-H B	06/29/04 14:24 / dd
Solids, Total Dissolved TDS @ 180 C	360	mg/L		10		A2540 C	06/29/04 14:31 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 15:35 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 22:32 / bws
Arsenic	0.213	mg/L		0.001		E200.8	07/13/04 22:32 / bws
Barium	0.1	mg/L		0.1		E200.8	07/13/04 22:32 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 22:32 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 22:32 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 22:32 / bws
Iron	5.5	mg/L		0.03		E200.7	06/29/04 15:35 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 22:32 / bws
Manganese	0.44	mg/L		0.01		E200.8	07/13/04 22:32 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 22:32 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 22:32 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 22:32 / bws
Selenium	0.005	mg/L		0.001		E200.8	07/13/04 22:32 / bws
Uranium	0.935	mg/L		0.0003		E200.8	07/13/04 22:32 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 22:32 / bws
Zinc	0.01	mg/L		0.01		E200.8	07/13/04 22:32 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-013
 Client Sample ID: MP-22

Report Date: 07/15/04
 Collection Date: 06/28/04 10:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	658	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	23.5	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	4.62	%				Calculation	07/02/04 14:40 / smd
Anions	6.42	meq/L				Calculation	07/02/04 14:40 / smd
Cations	7.04	meq/L				Calculation	07/02/04 14:40 / smd
Solids, Total Dissolved Calculated	353	mg/L				Calculation	07/02/04 14:40 / smd
TDS Balance (0.80 - 1.20)	1.02	dec. %				Calculation	07/02/04 14:40 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-016
 Client Sample ID: MP-23

Report Date: 07/15/04
 Collection Date: 06/28/04 10:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO ₃	212	mg/L		1.0		A2320 B	06/29/04 16:56 / nlm
Carbonate as CO ₃	ND	mg/L		1.0		A2320 B	06/29/04 16:56 / nlm
Bicarbonate as HCO ₃	259	mg/L		1.0		A2320 B	06/29/04 16:56 / nlm
Calcium	70.8	mg/L		1.0		E200.7	06/29/04 15:44 / ts
Chloride	7.7	mg/L		1.0		E200.7	06/29/04 15:44 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 14:52 / slb
Magnesium	15.0	mg/L		1.0		E200.7	06/29/04 15:44 / ts
Nitrogen, Ammonia as N	0.43	mg/L		0.05		A4500-NH ₃ G	06/29/04 12:15 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:40 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO ₂ B	06/30/04 09:40 / jal
Potassium	5.3	mg/L		1.0		E200.7	06/29/04 15:44 / ts
Silica	11.9	mg/L		0.1		E200.7	06/29/04 15:44 / ts
Sodium	33.3	mg/L		1.0		E200.7	06/29/04 15:44 / ts
Sulfate	76.7	mg/L		1.0		E200.7	06/29/04 15:44 / ts
PHYSICAL PROPERTIES							
Conductivity	421	umhos/cm		1.0		A2510 B	06/29/04 14:29 / dd
pH	6.83	s.u.		0.01		A4500-H B	06/29/04 14:29 / dd
Solids, Total Dissolved TDS @ 180 C	339	mg/L		1.0		A2540 C	06/29/04 14:32 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 15:44 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 23:00 / bws
Arsenic	0.054	mg/L		0.001		E200.8	07/13/04 23:00 / bws
Barium	0.1	mg/L		0.1		E200.8	07/13/04 23:00 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 23:00 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 23:00 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 23:00 / bws
Iron	1.6	mg/L		0.03		E200.7	06/29/04 15:44 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 23:00 / bws
Manganese	0.38	mg/L		0.01		E200.8	07/13/04 23:00 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 23:00 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 23:00 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 23:00 / bws
Selenium	0.022	mg/L		0.001		E200.8	07/13/04 23:00 / bws
Uranium	2.56	mg/L		0.0003		E200.8	07/13/04 23:00 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 23:00 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 23:00 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-016
Client Sample ID: MP-23

Report Date: 07/15/04
Collection Date: 06/28/04 10:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	651	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	23.3	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	3.10	%				Calculation	07/02/04 14:41 / smd
Anions	6.05	meq/L				Calculation	07/02/04 14:41 / smd
Cations	6.44	meq/L				Calculation	07/02/04 14:41 / smd
Solids, Total Dissolved Calculated	348	mg/L				Calculation	07/02/04 14:41 / smd
TDS Balance (0.80 - 1.20)	0.970	dec. %				Calculation	07/02/04 14:41 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Subject: Smith Ranch - HUP
 Lab ID: C04061221-007
 Client Sample ID: MP-24

Report Date: 07/15/04
 Collection Date: 06/28/04 11:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	337	mg/L		1.0		A2320 B	06/30/04 09:45 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 09:45 / nlm
Bicarbonate as HCO3	411	mg/L		1.0		A2320 B	06/30/04 09:45 / nlm
Calcium	117	mg/L		1.0		E200.7	06/29/04 14:46 / ts
Chloride	18.6	mg/L		1.0		E200.7	06/29/04 14:46 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	07/02/04 11:30 / slb
Magnesium	18.5	mg/L		1.0		E200.7	06/29/04 14:46 / ts
Nitrogen, Ammonia as N	1.05	mg/L		0.05		A4500-NH3 G	06/29/04 11:47 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:05 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:05 / jal
Potassium	5.4	mg/L		1.0		E200.7	06/29/04 14:46 / ts
Silica	17.7	mg/L		0.1		E200.7	06/29/04 14:46 / ts
Sodium	19.0	mg/L		1.0		E200.7	06/29/04 14:46 / ts
Sulfate	21.8	mg/L		1.0		E200.7	06/29/04 14:46 / ts
PHYSICAL PROPERTIES							
Conductivity	740	umhos/cm		1.0		A2510 B	06/29/04 14:16 / dd
pH	6.79	s.u.		0.01		A4500-H B	06/29/04 14:16 / dd
Solids, Total Dissolved TDS @ 180 C	429	mg/L		10		A2540 C	06/29/04 14:29 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:46 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 19:37 / bws
Arsenic	0.037	mg/L		0.001		E200.8	07/13/04 19:37 / bws
Barium	0.2	mg/L		0.1		E200.8	07/13/04 19:37 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 19:37 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 19:37 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 19:37 / bws
Iron	2.9	mg/L		0.03		E200.7	06/29/04 14:46 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 19:37 / bws
Manganese	1.04	mg/L		0.01		E200.8	07/13/04 19:37 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 19:37 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 19:37 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 19:37 / bws
Selenium	0.017	mg/L		0.001		E200.8	07/13/04 19:37 / bws
Uranium	0.288	mg/L		0.0003		E200.8	07/13/04 19:37 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 19:37 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 19:37 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-007
Client Sample ID: MP-24

Report Date: 07/15/04
Collection Date: 06/28/04 11:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	278	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	5.2	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	4.76	%				Calculation	07/02/04 14:38 / smd
Anions	7.72	meq/L				Calculation	07/02/04 14:38 / smd
Cations	8.49	meq/L				Calculation	07/02/04 14:38 / smd
Solids, Total Dissolved Calculated	420	mg/L				Calculation	07/02/04 14:38 / smd
TDS Balance (0.80 - 1.20)	1.02	dec. %				Calculation	07/02/04 14:38 / smd

Report Definitions: RL - Analyte reporting limit. MCL - Maximum contaminant level.
 QCL - Quality control limit. ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-022
Client Sample ID: MP-25

Report Date: 07/15/04
Collection Date: 06/28/04 10:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	243	mg/L		1.0		A2320 B	06/30/04 13:02 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 13:02 / nlm
Bicarbonate as HCO3	296	mg/L		1.0		A2320 B	06/30/04 13:02 / nlm
Calcium	98.9	mg/L		1.0		E200.7	06/29/04 16:12 / ts
Chloride	11.5	mg/L		1.0		E200.7	06/29/04 16:12 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	07/02/04 15:17 / slb
Magnesium	20.3	mg/L		1.0		E200.7	06/29/04 16:12 / ts
Nitrogen, Ammonia as N	0.23	mg/L		0.05		A4500-NH3 G	06/29/04 12:33 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 10:02 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 10:02 / jal
Potassium	6.8	mg/L		1.0		E200.7	06/29/04 16:12 / ts
Silica	17.0	mg/L		0.1		E200.7	06/29/04 16:12 / ts
Sodium	42.7	mg/L		1.0		E200.7	06/29/04 16:12 / ts
Sulfate	148	mg/L		1.0		E200.7	06/29/04 16:12 / ts
PHYSICAL PROPERTIES							
Conductivity	776	umhos/cm		1.0		A2510 B	06/29/04 14:36 / dd
pH	6.87	s.u.		0.01		A4500-H B	06/29/04 14:36 / dd
Solids, Total Dissolved TDS @ 180 C	478	mg/L		10		A2540 C	06/29/04 14:33 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:12 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/14/04 00:30 / bws
Arsenic	0.019	mg/L		0.001		E200.8	07/14/04 00:30 / bws
Barium	0.1	mg/L		0.1		E200.8	07/14/04 00:30 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/14/04 00:30 / bws
Chromium	ND	mg/L		0.05		E200.8	07/14/04 00:30 / bws
Copper	ND	mg/L		0.01		E200.8	07/14/04 00:30 / bws
Iron	2.2	mg/L		0.03		E200.7	06/29/04 16:12 / ts
Lead	ND	mg/L		0.05		E200.8	07/14/04 00:30 / bws
Manganese	0.29	mg/L		0.01		E200.8	07/14/04 00:30 / bws
Mercury	ND	mg/L		0.001		E200.8	07/14/04 00:30 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/14/04 00:30 / bws
Nickel	ND	mg/L		0.05		E200.8	07/14/04 00:30 / bws
Selenium	0.006	mg/L		0.001		E200.8	07/14/04 00:30 / bws
Uranium	0.614	mg/L		0.0003		E200.8	07/14/04 00:30 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/14/04 00:30 / bws
Zinc	ND	mg/L		0.01		E200.8	07/14/04 00:30 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-022
 Client Sample ID: MP-25

Report Date: 07/15/04
 Collection Date: 06/28/04 10:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	330	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	11.8	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	2.86	%				Calculation	07/02/04 14:42 / smd
Anions	8.25	meq/L				Calculation	07/02/04 14:42 / smd
Cations	8.73	meq/L				Calculation	07/02/04 14:42 / smd
Solids, Total Dissolved Calculated	490	mg/L				Calculation	07/02/04 14:42 / smd
TDS Balance (0.80 - 1.20)	0.980	dec. %				Calculation	07/02/04 14:42 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-008
Client Sample ID: MP-26

Report Date: 07/15/04
Collection Date: 06/28/04 11:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	336	mg/L		1.0		A2320 B	06/30/04 09:55 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 09:55 / nlm
Bicarbonate as HCO3	410	mg/L		1.0		A2320 B	06/30/04 09:55 / nlm
Calcium	74.8	mg/L		1.0		E200.7	06/29/04 14:49 / ts
Chloride	3.8	mg/L		1.0		E200.7	06/29/04 14:49 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	07/02/04 14:16 / slb
Magnesium	15.3	mg/L		1.0		E200.7	06/29/04 14:49 / ts
Nitrogen, Ammonia as N	0.55	mg/L		0.05		A4500-NH3 G	06/29/04 11:49 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:07 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:07 / jal
Potassium	7.0	mg/L		1.0		E200.7	06/29/04 14:49 / ts
Silica	13.3	mg/L		0.1		E200.7	06/29/04 14:49 / ts
Sodium	54.8	mg/L		1.0		E200.7	06/29/04 14:49 / ts
Sulfate	22.6	mg/L		1.0		E200.7	06/29/04 14:49 / ts
PHYSICAL PROPERTIES							
Conductivity	667	umhos/cm		1.0		A2510 B	06/29/04 14:17 / dd
pH	7.22	s.u.		0.01		A4500-H B	06/29/04 14:17 / dd
Solids, Total Dissolved TDS @ 180 C	384	mg/L		10		A2540 C	06/29/04 14:29 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:49 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 20:12 / bws
Arsenic	0.010	mg/L		0.001		E200.8	07/13/04 20:12 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 20:12 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 20:12 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 20:12 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 20:12 / bws
Iron	0.08	mg/L		0.03		E200.7	06/29/04 14:49 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 20:12 / bws
Manganese	0.23	mg/L		0.01		E200.8	07/13/04 20:12 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 20:12 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 20:12 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 20:12 / bws
Selenium	0.005	mg/L		0.001		E200.8	07/13/04 20:12 / bws
Uranium	1.04	mg/L		0.0003		E200.8	07/13/04 20:12 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 20:12 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 20:12 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-008
Client Sample ID: MP-26

Report Date: 07/15/04
Collection Date: 06/28/04 11:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	508	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	7.1	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	2.05	%				Calculation	07/02/04 14:39 / smd
Anions	7.29	meq/L				Calculation	07/02/04 14:39 / smd
Cations	7.60	meq/L				Calculation	07/02/04 14:39 / smd
Solids, Total Dissolved Calculated	393	mg/L				Calculation	07/02/04 14:39 / smd
TDS Balance (0.80 - 1.20)	0.980	dec. %				Calculation	07/02/04 14:39 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-009
 Client Sample ID: MP-27

Report Date: 07/15/04
 Collection Date: 06/28/04 12:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO ₃	321	mg/L		1.0		A2320 B	06/30/04 10:30 / nlm
Carbonate as CO ₃	ND	mg/L		1.0		A2320 B	06/30/04 10:30 / nlm
Bicarbonate as HCO ₃	391	mg/L		1.0		A2320 B	06/30/04 10:30 / nlm
Calcium	142	mg/L		1.0		E200.7	06/29/04 14:52 / ts
Chloride	14.6	mg/L		1.0		E200.7	06/29/04 14:52 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	07/02/04 14:26 / slb
Magnesium	25.8	mg/L		1.0		E200.7	06/29/04 14:52 / ts
Nitrogen, Ammonia as N	0.28	mg/L		0.05		A4500-NH ₃ G	06/29/04 11:51 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:10 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO ₂ B	06/30/04 09:10 / jal
Potassium	7.1	mg/L		1.0		E200.7	06/29/04 14:52 / ts
Silica	13.1	mg/L		0.1		E200.7	06/29/04 14:52 / ts
Sodium	29.5	mg/L		1.0		E200.7	06/29/04 14:52 / ts
Sulfate	163	mg/L		1.0		E200.7	06/29/04 14:52 / ts
PHYSICAL PROPERTIES							
Conductivity	939	umhos/cm		1.0		A2510 B	06/29/04 14:19 / dd
pH	6.89	s.u.		0.01		A4500-H B	06/29/04 14:19 / dd
Solids, Total Dissolved TDS @ 180 C	584	mg/L		10		A2540 C	06/29/04 14:29 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:52 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 20:19 / bws
Arsenic	0.002	mg/L		0.001		E200.8	07/13/04 20:19 / bws
Barium	0.1	mg/L		0.1		E200.8	07/13/04 20:19 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 20:19 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 20:19 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 20:19 / bws
Iron	0.8	mg/L		0.03		E200.7	06/29/04 14:52 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 20:19 / bws
Manganese	0.60	mg/L		0.01		E200.8	07/13/04 20:19 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 20:19 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 20:19 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 20:19 / bws
Selenium	0.020	mg/L		0.001		E200.8	07/13/04 20:19 / bws
Uranium	2.36	mg/L		0.0003		E200.8	07/13/04 20:19 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 20:19 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 20:19 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-009
Client Sample ID: MP-27

Report Date: 07/15/04
Collection Date: 06/28/04 12:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	877	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	9.4	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	2.56	%				Calculation	07/02/04 14:39 / smd
Anions	10.2	meq/L				Calculation	07/02/04 14:39 / smd
Cations	10.7	meq/L				Calculation	07/02/04 14:39 / smd
Solids, Total Dissolved Calculated	588	mg/L				Calculation	07/02/04 14:39 / smd
TDS Balance (0.80 - 1.20)	0.990	dec. %				Calculation	07/02/04 14:39 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-006
 Client Sample ID: MP-28

Report Date: 07/15/04
 Collection Date: 06/28/04 13:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	290	mg/L		1.0		A2320 B	06/29/04 14:49 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/29/04 14:49 / nlm
Bicarbonate as HCO3	354	mg/L		1.0		A2320 B	06/29/04 14:49 / nlm
Calcium	84.8	mg/L		1.0		E200.7	06/29/04 14:43 / ts
Chloride	19.2	mg/L		1.0		E200.7	06/29/04 14:43 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 11:26 / slb
Magnesium	19.5	mg/L		1.0		E200.7	06/29/04 14:43 / ts
Nitrogen, Ammonia as N	0.80	mg/L		0.05		A4500-NH3 G	06/29/04 11:45 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:02 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:02 / jal
Potassium	7.0	mg/L		1.0		E200.7	06/29/04 14:43 / ts
Silica	16.9	mg/L		0.1		E200.7	06/29/04 14:43 / ts
Sodium	48.0	mg/L		1.0		E200.7	06/29/04 14:43 / ts
Sulfate	60.8	mg/L		1.0		E200.7	06/29/04 14:43 / ts
PHYSICAL PROPERTIES							
Conductivity	625	umhos/cm		1.0		A2510 B	06/29/04 14:14 / dd
pH	7.06	s.u.		0.01		A4500-H B	06/29/04 14:14 / dd
Solids, Total Dissolved TDS @ 180 C	420	mg/L		10		A2540 C	06/29/04 14:28 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:43 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 19:23 / bws
Arsenic	0.020	mg/L		0.001		E200.8	07/13/04 19:23 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 19:23 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 19:23 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 19:23 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 19:23 / bws
Iron	0.5	mg/L		0.03		E200.7	06/29/04 14:43 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 19:23 / bws
Manganese	0.35	mg/L		0.01		E200.8	07/13/04 19:23 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 19:23 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 19:23 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 19:23 / bws
Selenium	0.018	mg/L		0.001		E200.8	07/13/04 19:23 / bws
Uranium	3.34	mg/L		0.0003		E200.8	07/13/04 19:23 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 19:23 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 19:23 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-006
Client Sample ID: MP-28

Report Date: 07/15/04
Collection Date: 06/28/04 13:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	396	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	6.4	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	3.60	%				Calculation	07/02/04 14:38 / smd
Anions	7.61	meq/L				Calculation	07/02/04 14:38 / smd
Cations	8.18	meq/L				Calculation	07/02/04 14:38 / smd
Solids, Total Dissolved Calculated	430	mg/L				Calculation	07/02/04 14:38 / smd
TDS Balance (0.80 - 1.20)	0.980	dec. %				Calculation	07/02/04 14:38 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-019
 Client Sample ID: MP-29

Report Date: 07/15/04
 Collection Date: 06/28/04 12:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO ₃	268	mg/L		1.0		A2320 B	07/12/04 10:35 / nlm
Carbonate as CO ₃	ND	mg/L		1.0		A2320 B	07/12/04 10:35 / nlm
Bicarbonate as HCO ₃	328	mg/L		1.0		A2320 B	07/12/04 10:35 / nlm
Calcium	76.1	mg/L		1.0		E200.7	06/29/04 16:03 / ts
Chloride	18.8	mg/L		1.0		E200.7	06/29/04 16:03 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 15:07 / slb
Magnesium	16.5	mg/L		1.0		E200.7	06/29/04 16:03 / ts
Nitrogen, Ammonia as N	0.12	mg/L		0.05		A4500-NH ₃ G	06/29/04 12:21 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:47 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO ₂ B	06/30/04 09:47 / jal
Potassium	6.6	mg/L		1.0		E200.7	06/29/04 16:03 / ts
Silica	15.8	mg/L		0.1		E200.7	06/29/04 16:03 / ts
Sodium	46.1	mg/L		1.0		E200.7	06/29/04 16:03 / ts
Sulfate	39.8	mg/L		1.0		E200.7	06/29/04 16:03 / ts
PHYSICAL PROPERTIES							
Conductivity	674	umhos/cm		1.0		A2510 B	06/29/04 14:32 / dd
pH	7.23	s.u.		0.01		A4500-H B	06/29/04 14:32 / dd
Solids, Total Dissolved TDS @ 180 C	398	mg/L		10		A2540 C	06/29/04 14:32 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:03 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 23:48 / bws
Arsenic	0.025	mg/L		0.001		E200.8	07/13/04 23:48 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 23:48 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 23:48 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 23:48 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 23:48 / bws
Iron	0.2	mg/L		0.03		E200.7	06/29/04 16:03 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 23:48 / bws
Manganese	0.26	mg/L		0.01		E200.8	07/13/04 23:48 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 23:48 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 23:48 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 23:48 / bws
Selenium	0.005	mg/L		0.001		E200.8	07/13/04 23:48 / bws
Uranium	2.40	mg/L		0.0003		E200.8	07/13/04 23:48 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 23:48 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 23:48 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-019
 Client Sample ID: MP-29

Report Date: 07/15/04
 Collection Date: 06/28/04 12:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	175	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	6.3	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	4.34	%				Calculation	07/12/04 15:10 / smd
Anions	6.73	meq/L				Calculation	07/12/04 15:10 / smd
Cations	7.35	meq/L				Calculation	07/12/04 15:10 / smd
Solids, Total Dissolved Calculated	381	mg/L				Calculation	07/12/04 15:10 / smd
TDS Balance (0.80 - 1.20)	1.04	dec. %				Calculation	07/12/04 15:10 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-018
 Client Sample ID: MP-30

Report Date: 07/15/04
 Collection Date: 06/28/04 12:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	256	mg/L		1.0		A2320 B	06/30/04 11:54 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 11:54 / nlm
Bicarbonate as HCO3	312	mg/L		1.0		A2320 B	06/30/04 11:54 / nlm
Calcium	76.0	mg/L		1.0		E200.7	06/29/04 16:00 / ts
Chloride	17.3	mg/L		1.0		E200.7	06/29/04 16:00 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 15:04 / slb
Magnesium	16.1	mg/L		1.0		E200.7	06/29/04 16:00 / ts
Nitrogen, Ammonia as N	0.09	mg/L		0.05		A4500-NH3 G	06/29/04 12:19 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:45 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:45 / jal
Potassium	6.4	mg/L		1.0		E200.7	06/29/04 16:00 / ts
Silica	14.0	mg/L		0.1		E200.7	06/29/04 16:00 / ts
Sodium	47.7	mg/L		1.0		E200.7	06/29/04 16:00 / ts
Sulfate	59.0	mg/L		1.0		E200.7	06/29/04 16:00 / ts
PHYSICAL PROPERTIES							
Conductivity	674	umhos/cm		1.0		A2510 B	06/29/04 14:31 / dd
pH	7.38	s.u.		0.01		A4500-H B	06/29/04 14:31 / dd
Solids, Total Dissolved TDS @ 180 C	391	mg/L		10		A2540 C	06/29/04 14:32 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:00 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 23:41 / bws
Arsenic	0.016	mg/L		0.001		E200.8	07/13/04 23:41 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 23:41 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 23:41 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 23:41 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 23:41 / bws
Iron	0.6	mg/L		0.03		E200.7	06/29/04 16:00 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 23:41 / bws
Manganese	0.22	mg/L		0.01		E200.8	07/13/04 23:41 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 23:41 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 23:41 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 23:41 / bws
Selenium	0.002	mg/L		0.001		E200.8	07/13/04 23:41 / bws
Uranium	1.32	mg/L		0.0003		E200.8	07/13/04 23:41 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 23:41 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 23:41 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-018
 Client Sample ID: MP-30

Report Date: 07/15/04
 Collection Date: 06/28/04 12:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	289	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	10.3	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	3.91	%				Calculation	07/02/04 14:41 / smd
Anions	6.83	meq/L				Calculation	07/02/04 14:41 / smd
Cations	7.38	meq/L				Calculation	07/02/04 14:41 / smd
Solids, Total Dissolved Calculated	390	mg/L				Calculation	07/02/04 14:41 / smd
TDS Balance (0.80 - 1.20)	1.00	dec. %				Calculation	07/02/04 14:41 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Object: Smith Ranch - HUP
Lab ID: C04061221-010
Client Sample ID: MP-31

Report Date: 07/15/04
Collection Date: 06/28/04 13:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	274	mg/L		1.0		A2320 B	06/30/04 10:48 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 10:48 / nlm
Bicarbonate as HCO3	334	mg/L		1.0		A2320 B	06/30/04 10:48 / nlm
Calcium	88.2	mg/L		1.0		E200.7	06/29/04 14:55 / ts
Chloride	32.0	mg/L		1.0		E200.7	06/29/04 14:55 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 14:30 / slb
Magnesium	21.3	mg/L		1.0		E200.7	06/29/04 14:55 / ts
Nitrogen, Ammonia as N	0.25	mg/L		0.05		A4500-NH3 G	06/29/04 11:53 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:12 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:12 / jal
Potassium	6.9	mg/L		1.0		E200.7	06/29/04 14:55 / ts
Silica	10.0	mg/L		0.1		E200.7	06/29/04 14:55 / ts
Sodium	60.2	mg/L		1.0		E200.7	06/29/04 14:55 / ts
Sulfate	102	mg/L		1.0		E200.7	06/29/04 14:55 / ts
PHYSICAL PROPERTIES							
Conductivity	843	umhos/cm		1.0		A2510 B	06/29/04 14:21 / dd
pH	7.19	s.u.		0.01		A4500-H B	06/29/04 14:21 / dd
Solids, Total Dissolved TDS @ 180 C	467	mg/L		10		A2540 C	06/29/04 14:29 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:55 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 22:11 / bws
Arsenic	0.011	mg/L		0.001		E200.8	07/13/04 22:11 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 22:11 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 22:11 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 22:11 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 22:11 / bws
Iron	0.9	mg/L		0.03		E200.7	06/29/04 14:55 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 22:11 / bws
Manganese	0.22	mg/L		0.01		E200.8	07/13/04 22:11 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 22:11 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 22:11 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 22:11 / bws
Selenium	0.003	mg/L		0.001		E200.8	07/13/04 22:11 / bws
Uranium	1.66	mg/L		0.0003		E200.8	07/13/04 22:11 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 22:11 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 22:11 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-010
 Client Sample ID: MP-31

Report Date: 07/15/04
 Collection Date: 06/28/04 13:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	294	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	5.6	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	2.88	%				Calculation	07/02/04 14:39 / smd
Anions	8.50	meq/L				Calculation	07/02/04 14:39 / smd
Cations	9.00	meq/L				Calculation	07/02/04 14:39 / smd
Solids, Total Dissolved Calculated	485	mg/L				Calculation	07/02/04 14:39 / smd
TDS Balance (0.80 - 1.20)	0.960	dec. %				Calculation	07/02/04 14:39 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-026
Client Sample ID: M-41

Report Date: 07/15/04
Collection Date: 06/28/04 13:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	171	mg/L		1.0		A2320 B	06/30/04 15:21 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 15:21 / nlm
Bicarbonate as HCO3	209	mg/L		1.0		A2320 B	06/30/04 15:21 / nlm
Calcium	59.7	mg/L		1.0		E200.7	06/29/04 16:24 / ts
Chloride	10.4	mg/L		1.0		E200.7	06/29/04 16:24 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 15:32 / slb
Magnesium	12.5	mg/L		1.0		E200.7	06/29/04 16:24 / ts
Nitrogen, Ammonia as N	0.17	mg/L		0.05		A4500-NH3 G	06/29/04 12:47 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 10:22 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 10:22 / jal
Potassium	6.2	mg/L		1.0		E200.7	06/29/04 16:24 / ts
Silica	16.2	mg/L		0.1		E200.7	06/29/04 16:24 / ts
Sodium	57.6	mg/L		1.0		E200.7	06/29/04 16:24 / ts
Sulfate	130	mg/L		1.0		E200.7	06/29/04 16:24 / ts
PHYSICAL PROPERTIES							
Conductivity	636	umhos/cm		1.0		A2510 B	06/29/04 14:53 / dd
pH	7.57	s.u.		0.01		A4500-H B	06/29/04 14:53 / dd
Solids, Total Dissolved TDS @ 180 C	393	mg/L		10		A2540 C	06/29/04 14:34 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:24 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/14/04 01:33 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/14/04 01:33 / bws
Barium	ND	mg/L		0.1		E200.8	07/14/04 01:33 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/14/04 01:33 / bws
Chromium	ND	mg/L		0.05		E200.8	07/14/04 01:33 / bws
Copper	ND	mg/L		0.01		E200.8	07/14/04 01:33 / bws
Iron	0.05	mg/L		0.03		E200.7	06/29/04 16:24 / ts
Lead	ND	mg/L		0.05		E200.8	07/14/04 01:33 / bws
Manganese	0.03	mg/L		0.01		E200.8	07/14/04 01:33 / bws
Mercury	ND	mg/L		0.001		E200.8	07/14/04 01:33 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/14/04 01:33 / bws
Nickel	ND	mg/L		0.05		E200.8	07/14/04 01:33 / bws
Selenium	ND	mg/L		0.001		E200.8	07/14/04 01:33 / bws
Uranium	0.0230	mg/L		0.0003		E200.8	07/14/04 01:33 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/14/04 01:33 / bws
Zinc	ND	mg/L		0.01		E200.8	07/14/04 01:33 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-026
 Client Sample ID: M-41

Report Date: 07/15/04
 Collection Date: 06/28/04 13:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	3.8	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	0.9	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	2.07	%				Calculation	07/02/04 14:43 / smd
Anions	6.42	meq/L				Calculation	07/02/04 14:43 / smd
Cations	6.69	meq/L				Calculation	07/02/04 14:43 / smd
Solids, Total Dissolved Calculated	395	mg/L				Calculation	07/02/04 14:43 / smd
TDS Balance (0.80 - 1.20)	0.990	dec. %				Calculation	07/02/04 14:43 / smd

Report Definitions: RL - Analyte reporting limit. MCL - Maximum contaminant level.
 QCL - Quality control limit. ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-024
 Client Sample ID: M-42

Report Date: 07/15/04
 Collection Date: 06/28/04 03:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	328	mg/L		1.0		A2320 B	06/30/04 15:01 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 15:01 / nlm
Bicarbonate as HCO3	401	mg/L		1.0		A2320 B	06/30/04 15:01 / nlm
Calcium	90.5	mg/L		1.0		E200.7	06/29/04 16:18 / ts
Chloride	14.2	mg/L		1.0		E200.7	06/29/04 16:18 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 15:26 / slb
Magnesium	18.7	mg/L		1.0		E200.7	06/29/04 16:18 / ts
Nitrogen, Ammonia as N	0.14	mg/L		0.05		A4500-NH3 G	06/29/04 12:37 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 10:07 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 10:07 / jal
Potassium	7.3	mg/L		1.0		E200.7	06/29/04 16:18 / ts
Silica	18.7	mg/L		0.1		E200.7	06/29/04 16:18 / ts
Sodium	71.1	mg/L		1.0		E200.7	06/29/04 16:18 / ts
Sulfate	99.2	mg/L		1.0		E200.7	06/29/04 16:18 / ts
PHYSICAL PROPERTIES							
Conductivity	843	umhos/cm		1.0		A2510 B	06/29/04 14:39 / dd
pH	7.39	s.u.		0.01		A4500-H B	06/29/04 14:39 / dd
Solids, Total Dissolved TDS @ 180 C	502	mg/L		10		A2540 C	06/29/04 14:33 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:18 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/14/04 01:19 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/14/04 01:19 / bws
Barium	ND	mg/L		0.1		E200.8	07/14/04 01:19 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/14/04 01:19 / bws
Chromium	ND	mg/L		0.05		E200.8	07/14/04 01:19 / bws
Copper	ND	mg/L		0.01		E200.8	07/14/04 01:19 / bws
Iron	0.04	mg/L		0.03		E200.7	06/29/04 16:18 / ts
Lead	ND	mg/L		0.05		E200.8	07/14/04 01:19 / bws
Manganese	0.04	mg/L		0.01		E200.8	07/14/04 01:19 / bws
Mercury	ND	mg/L		0.001		E200.8	07/14/04 01:19 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/14/04 01:19 / bws
Nickel	ND	mg/L		0.05		E200.8	07/14/04 01:19 / bws
Selenium	ND	mg/L		0.001		E200.8	07/14/04 01:19 / bws
Uranium	0.526	mg/L		0.0003		E200.8	07/14/04 01:19 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/14/04 01:19 / bws
Zinc	ND	mg/L		0.01		E200.8	07/14/04 01:19 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-024
Client Sample ID: M-42

Report Date: 07/15/04
Collection Date: 06/28/04 03:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	7.9	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	1.0	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	1.71	%				Calculation	07/02/04 14:43 / smd
Anions	9.03	meq/L				Calculation	07/02/04 14:43 / smd
Cations	9.34	meq/L				Calculation	07/02/04 14:43 / smd
Solids, Total Dissolved Calculated	517	mg/L				Calculation	07/02/04 14:43 / smd
TDS Balance (0.80 - 1.20)	0.970	dec. %				Calculation	07/02/04 14:43 / smd

Report RL - Analyte reporting limit. MCL - Maximum contaminant level.
Definitions: QCL - Quality control limit. ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-003
 Client Sample ID: M-43

Report Date: 07/15/04
 Collection Date: 06/28/04 14:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO ₃	152	mg/L		1.0		A2320 B	06/30/04 09:34 / nlm
Carbonate as CO ₃	ND	mg/L		1.0		A2320 B	06/30/04 09:34 / nlm
Bicarbonate as HCO ₃	185	mg/L		1.0		A2320 B	06/30/04 09:34 / nlm
Calcium	55.6	mg/L		1.0		E200.7	07/09/04 14:40 / cp
Chloride	9.4	mg/L		1.0		E200.7	06/29/04 14:25 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 11:12 / slb
Magnesium	11.6	mg/L		1.0		E200.7	07/09/04 14:40 / cp
Nitrogen, Ammonia as N	0.17	mg/L		0.05		A4500-NH ₃ G	06/29/04 11:33 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 08:47 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO ₂ B	06/30/04 08:47 / jal
Potassium	5.8	mg/L		1.0		E200.7	06/29/04 14:25 / ts
Silica	15.3	mg/L		0.1		E200.7	06/29/04 14:25 / ts
Sodium	49.0	mg/L		1.0		E200.7	07/09/04 14:40 / cp
Sulfate	110	mg/L		1.0		E200.7	07/09/04 14:40 / cp
PHYSICAL PROPERTIES							
Conductivity	654	umhos/cm		1.0		A2510 B	06/29/04 14:03 / dd
pH	7.87	s.u.		0.01		A4500-H B	06/29/04 14:03 / dd
Solids, Total Dissolved TDS @ 180 C	376	mg/L		10		A2540 C	06/29/04 14:28 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:25 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 19:02 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/13/04 19:02 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 19:02 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 19:02 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 19:02 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 19:02 / bws
Iron	ND	mg/L		0.03		E200.7	06/29/04 14:25 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 19:02 / bws
Manganese	0.03	mg/L		0.01		E200.8	07/13/04 19:02 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 19:02 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 19:02 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 19:02 / bws
Selenium	ND	mg/L		0.001		E200.8	07/13/04 19:02 / bws
Uranium	0.0234	mg/L		0.0003		E200.8	07/13/04 19:02 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 19:02 / bws
Zinc	0.01	mg/L		0.01		E200.8	07/13/04 19:02 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-003
Client Sample ID: M-43

Report Date: 07/15/04
Collection Date: 06/28/04 14:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	6.8	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	0.9	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	3.64	%				Calculation	07/12/04 10:54 / smd
Anions	5.60	meq/L				Calculation	07/12/04 10:54 / smd
Cations	6.02	meq/L				Calculation	07/12/04 10:54 / smd
Solids, Total Dissolved Calculated	348	mg/L				Calculation	07/12/04 10:54 / smd
TDS Balance (0.80 - 1.20)	1.08	dec. %				Calculation	07/12/04 10:54 / smd

Report Definitions: RL - Analyte reporting limit. MCL - Maximum contaminant level.
 QCL - Quality control limit. ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-002
 Client Sample ID: M-44

Report Date: 07/15/04
 Collection Date: 06/28/04 03:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	183	mg/L		1.0		A2320 B	06/30/04 09:09 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 09:09 / nlm
Bicarbonate as HCO3	224	mg/L		1.0		A2320 B	06/30/04 09:09 / nlm
Calcium	59.8	mg/L		1.0		E200.7	06/29/04 14:22 / ts
Chloride	13.6	mg/L		1.0		E200.7	06/29/04 14:22 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 11:09 / slb
Magnesium	13.2	mg/L		1.0		E200.7	06/29/04 14:22 / ts
Nitrogen, Ammonia as N	0.16	mg/L		0.05		A4500-NH3 G	06/29/04 11:31 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 08:45 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 08:45 / jal
Potassium	5.9	mg/L		1.0		E200.7	06/29/04 14:22 / ts
Silica	14.6	mg/L		0.1		E200.7	06/29/04 14:22 / ts
Sodium	55.5	mg/L		1.0		E200.7	06/29/04 14:22 / ts
Sulfate	105	mg/L		1.0		E200.7	06/29/04 14:22 / ts
PHYSICAL PROPERTIES							
Conductivity	680	umhos/cm		1.0		A2510 B	06/29/04 14:02 / dd
pH	7.90	s.u.		0.01		A4500-H B	06/29/04 14:02 / dd
Solids, Total Dissolved TDS @ 180 C	381	mg/L		10		A2540 C	06/29/04 14:27 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:22 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 18:55 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/13/04 18:55 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 18:55 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 18:55 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 18:55 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 18:55 / bws
Iron	ND	mg/L		0.03		E200.7	06/29/04 14:22 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 18:55 / bws
Manganese	0.02	mg/L		0.01		E200.8	07/13/04 18:55 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 18:55 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 18:55 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 18:55 / bws
Selenium	ND	mg/L		0.001		E200.8	07/13/04 18:55 / bws
Uranium	0.0283	mg/L		0.0003		E200.8	07/13/04 18:55 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 18:55 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 18:55 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-002
Client Sample ID: M-44

Report Date: 07/15/04
Collection Date: 06/28/04 03:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	5.9	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	0.8	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	3.18	%				Calculation	07/02/04 14:37 / smd
Anions	6.24	meq/L				Calculation	07/02/04 14:37 / smd
Cations	6.65	meq/L				Calculation	07/02/04 14:37 / smd
Solids, Total Dissolved Calculated	378	mg/L				Calculation	07/02/04 14:37 / smd
TDS Balance (0.80 - 1.20)	1.01	dec. %				Calculation	07/02/04 14:37 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-025
Client Sample ID: M-45

Report Date: 07/15/04
Collection Date: 06/28/04 04:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	176	mg/L		1.0		A2320 B	06/30/04 15:10 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 15:10 / nlm
Bicarbonate as HCO3	215	mg/L		1.0		A2320 B	06/30/04 15:10 / nlm
Calcium	56.7	mg/L		1.0		E200.7	06/29/04 16:21 / ts
Chloride	5.7	mg/L		1.0		E200.7	06/29/04 16:21 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 15:29 / slb
Magnesium	12.4	mg/L		1.0		E200.7	06/29/04 16:21 / ts
Nitrogen, Ammonia as N	0.18	mg/L		0.05		A4500-NH3 G	06/29/04 12:38 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 10:10 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 10:10 / jal
Potassium	5.8	mg/L		1.0		E200.7	06/29/04 16:21 / ts
Silica	14.3	mg/L		0.1		E200.7	06/29/04 16:21 / ts
Sodium	57.5	mg/L		1.0		E200.7	06/29/04 16:21 / ts
Sulfate	124	mg/L		1.0		E200.7	06/29/04 16:21 / ts
PHYSICAL PROPERTIES							
Conductivity	613	umhos/cm		1.0		A2510 B	06/29/04 14:52 / dd
pH	7.47	s.u.		0.01		A4500-H B	06/29/04 14:52 / dd
Solids, Total Dissolved TDS @ 180 C	374	mg/L		10		A2540 C	06/29/04 14:34 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:21 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/14/04 01:26 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/14/04 01:26 / bws
Barium	ND	mg/L		0.1		E200.8	07/14/04 01:26 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/14/04 01:26 / bws
Chromium	ND	mg/L		0.05		E200.8	07/14/04 01:26 / bws
Copper	ND	mg/L		0.01		E200.8	07/14/04 01:26 / bws
Iron	0.05	mg/L		0.03		E200.7	06/29/04 16:21 / ts
Lead	ND	mg/L		0.05		E200.8	07/14/04 01:26 / bws
Manganese	0.02	mg/L		0.01		E200.8	07/14/04 01:26 / bws
Mercury	ND	mg/L		0.001		E200.8	07/14/04 01:26 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/14/04 01:26 / bws
Nickel	ND	mg/L		0.05		E200.8	07/14/04 01:26 / bws
Selenium	ND	mg/L		0.001		E200.8	07/14/04 01:26 / bws
Uranium	0.0015	mg/L		0.0003		E200.8	07/14/04 01:26 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/14/04 01:26 / bws
Zinc	ND	mg/L		0.01		E200.8	07/14/04 01:26 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-025
Client Sample ID: M-45

Report Date: 07/15/04
Collection Date: 06/28/04 04:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	9.5	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	1.1	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	1.89	%				Calculation	07/02/04 14:43 / smd
Anions	6.27	meq/L				Calculation	07/02/04 14:43 / smd
Cations	6.51	meq/L				Calculation	07/02/04 14:43 / smd
Solids, Total Dissolved Calculated	382	mg/L				Calculation	07/02/04 14:43 / smd
TDS Balance (0.80 - 1.20)	0.980	dec. %				Calculation	07/02/04 14:43 / smd

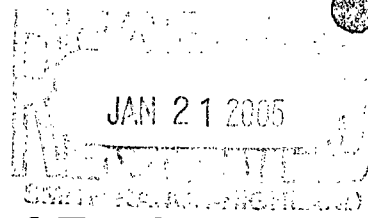
Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.

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



The State of Wyoming

Dave Freudenthal, Governor



File HVV 4.3.3.1
CC CF BH KM SPC



Department of Environmental Quality

Herschler Building • 122 West 25th Street • Cheyenne, Wyoming 82002

ADMIN/OUTREACH (307) 777-7758 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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January 19, 2005

Mr. Bill Kearney
Power Resources, Inc.
P.O. Box 1210
Glenrock, Wyoming 82637

Re: TFN 4 3/170, B-Wellfield Restoration

Dear Mr. Kearney:

The Land Quality Division (LQD) has reviewed the B-Wellfield Restoration report. The elevated arsenic level is a concern for the success of the restoration effort within the wellfield. If the arsenic levels do not stabilize to suitable levels, PRI may be required to perform additional restoration of specific wells as specified in Section 4.3.4 of the Reclamation Plan.

If you have any questions regarding the review, please contact Steve Ingle at (307) 777-7064.

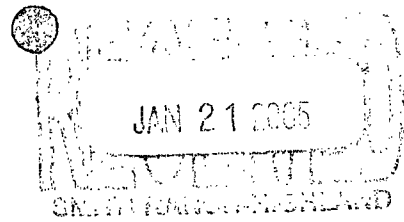
Sincerely

Steven C. Ingle
Senior Environmental Analyst
Land Quality Division

Enclosure

JK

MEMORANDUM



To File: Power Resources, Inc. Highland Project, TFN 4 3/170

From: Steve Ingle, District I

Date: December 9, 2004

Subject: Power Resources, B-Wellfield Restoration Report, TFN 4 3/170

Power Resources, Inc. (PRI) submitted their restoration report for the B-Wellfield at their Highland Uranium Project. PRI is requesting concurrence that restoration has been achieved for this wellfield.

RESTORATION METHODS

PRI produced uranium from Mine Unit B from January 1988 to July 1991. The 13-year effort began after mining ceased and consisted of: treating 2.93 pore volumes with groundwater sweep, 13.5 pore volumes were treated with reverse osmosis (RO), 1.09 pore volumes with sodium sulfide addition; 0.88 pore volumes for bioremediation and 0.92 pore volumes were recirculated. The total consumptive use of groundwater was 5.22 pore volumes. The size of a pore volume in this report is 61,535,000 gallons. Section 4.3 of the permit states that restoration will consist of three to four pore volumes of groundwater sweep and two to three pore volumes of reverse osmosis. The 2004 Restoration Report states there are four reasons for the large number of pore volumes treated with reverse osmosis. Three of the reasons are related to reductant addition to the wellfield. Addition of reductant lowered the trace metal content, but increased the total dissolved solids content and reverse osmosis was used to remove the dissolved solids. RO treated water was also used to deliver the nutrients for the bioremediation procedure.

WATER QUALITY

The baseline water quality for the wellfield is discussed in my January 11, 1988 memo, which states that all parameters meet domestic water quality criteria, except for radium. The groundwater classification would be Class IV(A) due to the elevated radium content (approximately 288 pCi/l at baseline). A total of 34 parameters were monitored at 20 injection and production wells were analyzed on July 15, 2004 to support PRI's request for restoration concurrence. Thirteen of the 34 parameters exceeded the baseline average (Table 1). Eleven parameters exceeded the baseline average plus one standard deviation (Ca, Mg, HCO₃, TDS, Cond, Alk, Fe, Mn and U). Selenium also exceeded baseline, primarily because the maximum selenium value at baseline was 0.004 mg/l and the maximum restored selenium value was 0.022. The mean value for selenium was 0.0088 mg/l. Only arsenic exceeds the Class I standard of 0.05 mg/l. The average restored arsenic value is 0.058 mg/l. The elevated arsenic values seem to be primarily due to high concentrations in three wells: MP-14, MP-21 and MP-22. The elevated arsenic values were discussed with PRI. The company indicated that the values may be because the chemical reaction did not progress enough to precipitate the arsenic.

A possible cause for the elevated arsenic is the low concentrations of sulfate in the groundwater. The bacterial methanogenetic processes may not be able to produce the sulfate to sulfide pathway necessary for arsenic precipitation.

During mining, there were several excursions in the B-Wellfield. Section 4.2.1 of the Reclamation Plan states:

“In the case that an excursion occurs into the perimeter non-mineralized production zone (M-wells) or the overlying or underlying zones, these zones will be restored to the baseline mine unit average for that zone or to the baseline condition for the individual affected well(s) if only a limited portion of the zone is affected by an excursion.”

Monitoring Wells M-38, 41, 42, 43, 44, 45 and 48 experienced excursions during mining. Section 4.2.1 of the Highland Permit requires these wells to be restored to baseline conditions for all parameters. Baseline and the July 2004, values are shown in Table 2. Water quality results for Wells M-38 and M-48 were not included in the report. These wells should be sampled. Well M-41 met Class I standards at baseline and the July 2004 sample meets Class I standards. Well M-42 met Class I standards for all parameters except radium at baseline. The radium value in the July 2004 sample is equal to the maximum radium value in the baseline samples. However, the Total Dissolved Solids exceed the Class I standard of 500 mg/l (502 mg/l in the July 2004 sample and the baseline mean TDS value was 377 mg/l) and the uranium value in Well M-42 is elevated above the baseline average of 0.0185 mg/l to 0.526 mg/l. Although this value is less than the Wyoming Class I standard of 5 mg/l it exceeds baseline and exceeds the EPA maximum contaminant level (MCL) of 0.03 mg/l. EPA prohibits movement of a contaminant into an underground source of drinking water. Wells M-43, M-44 and M-45 met all Class I standards at baseline, but the July 2004 samples exceed class of use for radium (the radium standard is 5 pCi/l and the restored radium values range from 5.9 pCi/l to 9.5 pCi/l).

COMMENTS

1. The text should discuss the individual parameter results for wells exceeding the baseline average concentration in the wellfield.
2. Wells M-38 and M-48 should be sampled.
3. Four monitor wells exceed baseline and class of use. PRI should restore these wells to meet the statutory requirements.
4. There were no graphs provided showing the water quality improvement during each stage of restoration. Please provide graphs showing water quality improvement.

Power Resource, Inc.

TFN 4 3/170

December 9, 2004

Page #3

CONCLUSION

The elevated arsenic level is a concern for the success of the restoration effort within the wellfield, especially in the MP14, 21 and MP 22 well areas. The arsenic concentration may decline as the biogeochemical reaction progresses to equilibrate to acceptable levels during stability. The restoration process lasted over 13 years, which would not represent proper application of best practicable technology. If the arsenic levels do not stabilize to suitable levels, PRI may be required to perform additional restoration of specific wells as specified in Section 4.3.4 of the Reclamation Plan. *

Monitor wells M-43 through M-45 exceed the baseline class of use and Well M-42 exceeds the EPA, MCL for uranium. PRI should take steps to return these wells to baseline concentrations. *

cc: Roberta Hoy

Table 1. 1987 baseline and July 2004, values. Bold numbers indicate values greater than one standard deviation above the baseline average.

Parameter	Baseline					July 2004	(July 2004 value-Baseline Ave.) +1s.d.
List	Average	Max	Min	Std. Dev.	Ave+1sd	Value	
Ca	49.05455	56.5	44.8	3.119482	52.17403	80.7	28.52597
Mg	10.32273	12.5	8.3	1.088438	11.41117	16.7	5.288835
Na	55.19545	64.7	48.9	4.729792	59.92525	43.4	-16.5252
K	7.6	12.5	5.3	1.868791	9.468791	5.8	-3.66879
CO3	0.179412	2.1	0	0.586091	0.765503	0	-0.7655
HCO3	211.325	231	163	11.00673	222.3317	319	96.66827
SO4	110.91	150	93.2	15.47656	126.3866	64.2	-62.1866
Cl	4.933333	12.2	2.8	1.791843	6.725176	16.8	10.07482
Nh4	5.519	107	0.12	23.88618	29.40518	0.46	-28.9452
NO2	0.003333	0.01	0	0.00483	0.008164	0	-0.00816
NO3	0.057	0.57	0	0.126662	0.183662	0	-0.18366
F	0.214	0.36	0.15	0.0426	0.2566	0.17	-0.0866
SiO2	15.905	16.7	13.1	0.793045	16.69805	14.2	-2.49805
TDS	350.525	482	286	34.25769	384.7827	397	12.21731
Cond	569.9744	968	473	77.59357	647.5679	665	17.43207
Alk	172.6452	189	134	9.311457	181.9566	261	79.04338
pH	8.12075	8.35	7.64	0.165473	8.286223	7.1	-1.18622
Al	0	0	0	0	0	0	0
As	0	0	0	0	0	0.058	0.058
Ba	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0
Cd	0	0	0	0	0	0	0
Cr	0	0	0	0	0	0	0
Cu	0	0	0	0	0	0	0
Fe	0.003636	0.07	0	0.014752	0.018388	1.3	1.281612
Pb	0	0	0	0	0	0	0
Mn	0.040435	0.21	0	0.065608	0.106042	0.36	0.253958
Hg	0	0	0	0	0	0	0
Mo	0	0	0	0	0	0	0
Ni	0	0	0	0	0	0	0
Se	0.000118	0.004	0	0.000686	0.000804	0.0009	9.64E-05
V	0	0	0	0	0	0	0
Zn	0	0	0	0	0	0	0
Radiometric							
U	0.062213	0.62	0.0044	0.131252	0.193465	1.79	1.596535
Ra226	288.4711	682	25.9	197.2807	485.7518	437	-48.7518

Note: A 0 value in the table represents a value below the detection limit.

Table 2. Monitor well summary

Monitor Well	Baseline Class	Parameters except for	July 2004 Values
M-38	Class 1	Radium	14.9 pCi/l and 21.8 pCi/l
M-41	Class 1		none provided
M-42	Class 1	Radium	7.7 pCi/l and 7.9 pCi/l
M-43	Class 1		Class I except for radium 7.9 pCi/l, TDS 502 mg/l, uranium is elevated from 0.0185 mg/l to 0.526 mg/l
M-44	Class 1		Class 1 except for radium 6.8 pCi/l
M-45	Class 1		Class 1 except for radium 5.9 pCi/l
M-48	Class 1		Class 1 except for radum 9.5 pCi/l
			none provided

Table 3.

Parameter List	Baseline Maximum	Class I Standards	Restored Wellfield Average
Ca	56.5		80.7
Mg	12.5		16.7
Na	64.7		43.4
K	12.5		5.8
CO3	2.1		0
HCO3	231		319
SO4	150	250	64.2
Cl	12.2	250	16.8
NH4	0.25	0.5	0.46
NO2	0.01	1	0
NO3	0.57	10	0
F	0.36		0.17
SiO2	16.7		14.2
TDS	482	500	397
Cond	968		665
Alk	189		261
pH	8.35	6.5-9.0	7.1
Al	0		0
As	0	0.05	0.058
Ba	0	1	0
B	0	0.75	0
Cd	0	0.01	0
Cr	0	0.05	0
Cu	0	1	0
Fe	0.07	0.3	1.3
Pb	0	0.05	0
Mn	0.21	0.05	0.36
Hg	0	0.002	0
Mo	0		0
Ni	0		0
Se	0.004	0.01	0.0009
V	0		0
Zn	0	5	0
Radiometric	0		0
U	0.62	5	1.79
Ra226	682	5pCi/l	437

Note: A parameter value shown as 0 means that no values exceeded the detection limit.

Inter-Company Memorandum

Date: February 8, 2005

To: *HUP* File 4.3.3.1

From: W. F. Kearney- Manager- Health, Safety, and Environmental Affairs *WFK*

Re: Conference Call with S. Ingle on 2/8/05

cc: S. Collings, C. Foldenauer, L. Huffman, K. Milmine

This memo is intended to summarize discussions via a conference call with Steve Ingle of the WDEQ- LQD that took place on February 8, 2005 at approximately 2:30 pm. C. Foldenauer, W. Kearney and L. Huffman participated in the call.

1. B-Wellfield- Given that the stability data has been collected in accordance with the permit it is acceptable to cease the routine monitoring of all monitoring wells. S. Ingle would like PRI to obtain more samples for arsenic from the MP wells that showed higher levels to see if they change at all. According to S. Ingle, the only issue in the mine area is arsenic. The perimeter monitor wells that do not meet Class of Use or baseline are still an issue. L. Huffman will address these items in the "Stability Report" that should be submitted to LQD in 2-3 weeks.
2. NSR for Cheese Whey- We discussed the plan (confidential) to use cheese whey as a biologic treatment in the C-North area. S. Ingle said a letter would suffice because the permit is sufficiently broad to cover it. He suggested we not mention cheese whey as it is confidential. He stated that we should reference today's discussions. L. Huffman will draft a letter with the specifics.
3. MU-J and Reynolds Ranch Drilling- We discussed our need to drill off the exiting SR-HUP permit areas. S. Ingle said we could just include it in DN-236 as to his knowledge all the holes there are reclaimed and he just needs to look at them. The existing bond of \$340k will cover the planned holes. W. Kearney committed to sending a letter requesting release of the existing reclaimed drill holes at Reynolds Ranch and supplying a description and map of the planned drilling activities at MU-J and Reynolds Ranch.
4. Status of MU-15 Baseline Water Quality Data/UCL's- S. Ingle said he was just waiting for the classification of the water from the WQD. We stressed that we need approval for to start injection in about 30 days.



Smith Ranch - Highland
Uranium Project
P. O. Box 1210
Glenrock, Wyoming USA 82637
Casper: 307-235-1628
Douglas: 307-358-6541
Fax: 307-358-4533

May 4, 2005

Mr. Steve Ingle
Land Quality Division
Wyoming Department of Environmental Quality
Herschler Building
122 West 25th Street
Cheyenne, WY 82002

RE: Permit to Mine 603
Mine Unit B MP-Well Stability Period Ground Water Quality File

Dear Steve:

Included with this letter is an electronic data file of the ground water quality for the MP-Wells in Mine Unit B during the Stability Period. It is named 0505_MP-Well_Stability Data.xls. Also, I have included a Mine Unit B baseline ground water quality data set, since I noticed that some of your calculated average parameter concentrations are different than some of the average parameter concentrations that I have calculated. Please review this data set, so that we can discuss the differences.

I hope this file meets your needs, if not, I can send you the data in another format.

Sincerely,

A handwritten signature in black ink, appearing to read "Leland Huffman", written over a horizontal line.

Leland Huffman
Restoration Superintendent

LAH/lah

cc: C. Foldenauer W.F. Kearney
File HUP-4.3.3.1



**Mine Unit B Ground Water Stability Report
Smith Ranch - Highland Uranium Project**

May 5, 2005

**Wyoming Department of Environmental Quality
Permit to Mine No. 603**

Submitted To: Land Quality Division
Wyoming Department of Environmental Quality
Herschler Building
122 West 25th Street
Cheyenne, Wyoming 82002

Prepared By: Power Resources, Inc.
P.O. Box 1210
Glenrock, Wyoming 82637

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1 Executive Summary

In correspondence dated August 5, 2004, Power Resources Inc. (PRI) submitted the Mine Unit B (MU-B) Ground Water Restoration Report. The report detailed the restoration methodology used to restore the Production Zone ground water impacted in the 30-Sand aquifer on the eastern edge of the Smith Ranch – Highland Uranium Project (SRH). Following the completion of active restoration, and in accordance with the Reclamation Plan contained in Permit No. 603, Section 4.6, a six month stability period began with ground water samples collected from the mineralized Production Zone Monitor Wells (MP-Wells) on June 28, 2004.

This report presents the ground water quality of the MU-B MP-Wells; the perimeter non-mineralized Production Zone Monitor Wells (M-Wells) and the Overlying (MO-Wells) and Underlying (MU-Wells) zones during the stability period. The goal of the stability period is to provide information that confirms that a reducing environment has been established within the ground water area affected by oxidizing mining solutions. Effectively, this means that the mining process has been stopped and the immobilization of metals has begun.

Also, contained in this report, is water level data, which provides information on the stability of the potentiometric surface, and responses to Mr. Steve Ingle's comments in correspondence dated January 19, 2005 concerning the Mine Unit B Ground Water Restoration Report.

In summary, this report shows that the ground water quality conditions and water levels of the Production Zone and Overlying and Underlying zones are sufficiently stable that no significant adverse changes in the future are expected. Information contained in this, and the previous report, show in accordance with mine permit requirements and applicable regulations, that the overall ground water quality of the Production Zone has been returned to a quality of use equal to, and consistent with uses for which the water was suitable prior to in situ leach (ISL) mining.

2 MU-B Stability Period MP-Well Ground Water Quality

2.1 Stability Period and Sampling Schedule

The Stability Period began with the end of active restoration on June 28, 2004 and ended on December 28, 2004. During this time period, ground water samples were collected from the MP-Wells on five occasions. The sample dates are listed in Table 1. The Reclamation Plan requires three samples collected from the MP-Wells “at the beginning, middle and end of the stability period” and that these ground water samples be analyzed for the parameters listed in Table 1 of Section 4.5. Also, the Reclamation Plan requires that the MP-Wells “be sampled once every two months” with the ground water being analyzed for “conductivity, chloride, bicarbonate, uranium, total dissolved solids (TDS) and problem parameters identified during active restoration”. PRI identified arsenic and selenium as the problem parameters. The MP-Wells were sampled on this schedule as required. The M-Wells, MO-Wells and the MU-Wells were sampled once every two months during the stability period.

Table 1: Mine Unit B Stability Period Sampling Schedule

Date	Analysis
06/28/2004	Table 1 Section 4.5 of the Permit and listed in Table 2 of this report
08/30/2004	Conductivity, chloride, bicarbonate, uranium, TDS, arsenic and selenium
09/27/2004	Table 1 Section 4.5 of the Permit and listed in Table 2 of this report
10/25/2004	Conductivity, chloride, bicarbonate, uranium, TDS, arsenic and selenium
12/28/2004	Table 1 Section 4.5 of the Permit and listed in Table 2 of this report

2.2 MP-Well Water Quality Data

Included in Table 2 is the average of the ground water quality data collected from MU-B during the Stability Period from Wells MP-11 to MP-16 and MP-18 to MP-31 and presented as a mine unit average of each parameter. There is no Well MP-17. The ground water quality data collected for each MP-Well is presented in Appendix A, including additional samples collected after the end of the Stability Period.

Figure 1 contains graphs of the mine unit average concentrations of the major individual ground water parameters from each sampling event. A review of these graphs shows that, except for alkalinity and bicarbonate, all of the other ground water parameters remained constant throughout the stability period.

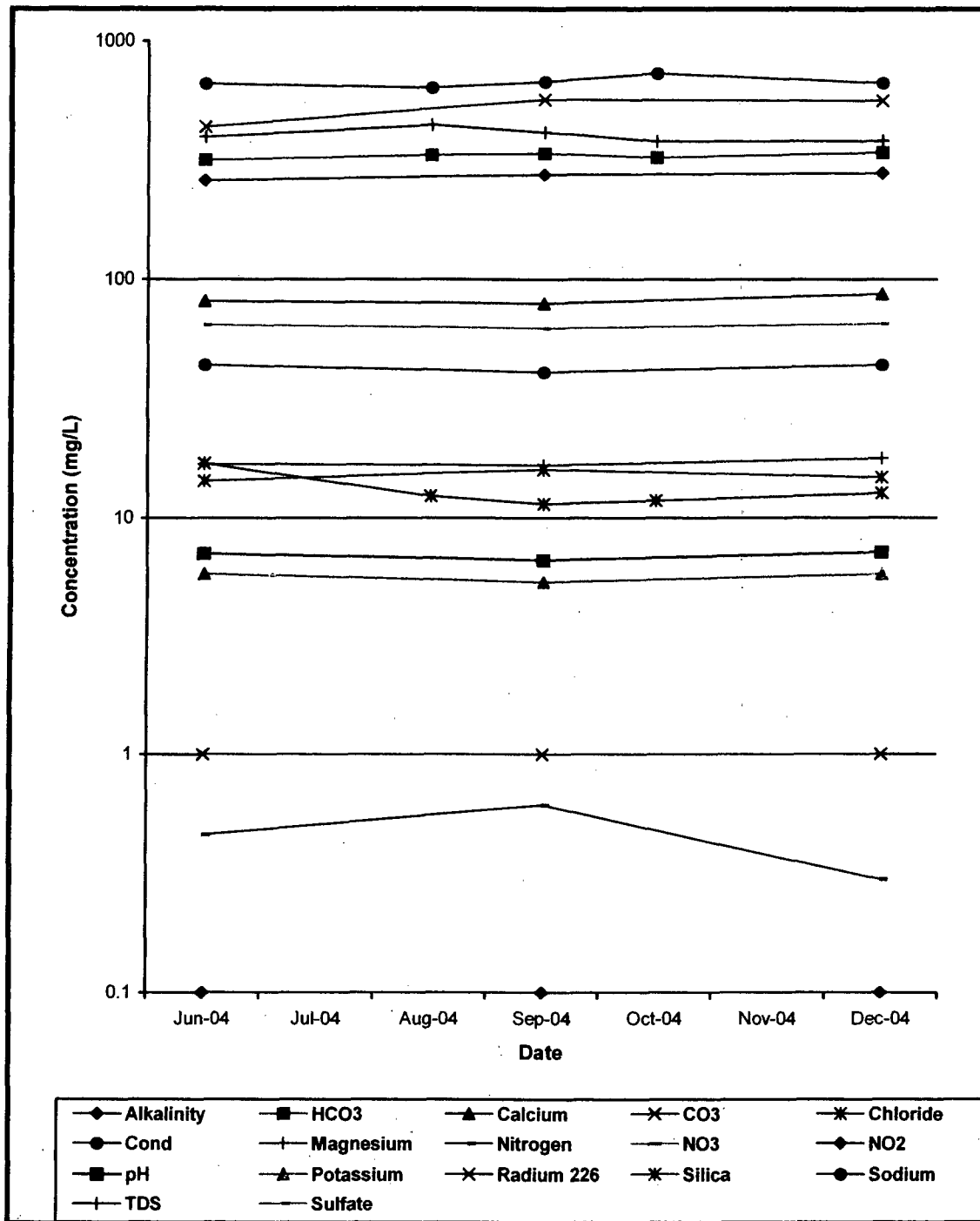
Although alkalinity and bicarbonate concentrations show slight increases, these parameters do not exhibit strongly increasing trends. The increases in the concentrations of alkalinity and bicarbonate are related to increasing pH values within the Production Zone formation. Residual carbon dioxide will convert to bicarbonate as the pH increases,

Table 2: Averaged MP-Well Ground Water Quality

Analyte	6/28/04	8/30/04	9/27/04	10/25/04	12/28/04
Alkalinity, Total as CaCO3	261		278		282
Aluminum	0.1		0.1		0.1
Arsenic	0.058	0.050	0.059	0.071	0.067
Barium	0.105		0.110		0.115
Bicarbonate as HCO3	319	335	339	328	344
Boron	0.1		0.1		0.1
Cadmium	0.005		0.005		0.005
Calcium	80.7		78.8		86.4
Carbonate as CO3	1.0		1.0		1.0
Chloride	16.8	12.3	11.5	11.8	12.7
Chromium	0.05		0.05		0.05
Conductivity	665	640	678	736	672
Copper	0.01		0.01		0.01
Fluoride	0.17		0.17		0.16
Iron	1.29		1.83		1.84
Lead	0.05		0.05		0.05
Magnesium	16.7		16.6		17.7
Manganese	0.36		0.52		0.52
Mercury	0.001		0.001		0.001
Molybdenum	0.1		0.1		0.1
Nickel	0.05		0.05		0.05
Nitrogen, Ammonia as N	0.46		0.61		0.30
Nitrogen, Nitrate+Nitrite as N	0.1		0.1		0.1
Nitrogen, Nitrite as N	0.1		0.1		0.1
PH	7.1		6.6		7.1
Potassium	5.8		5.4		5.8
Radium 226	437		571		567
Selenium	0.009	0.009	0.010	0.012	0.012
Silica	14.2		15.9		14.7
Sodium	43.4		40.6		43.5
Solids, Total Dissolved TDS @ 180 C	397	447	418	383	386
Sulfate	64.2		62.0		64.7
Uranium	1.79	2.34	2.29	2.20	2.93
Vanadium	0.1		0.1		0.1
Zinc	0.01		0.01		0.01

Note: The sample collected on 06/28/2004 represents the final restoration sample and the beginning sample for the Stability Period.

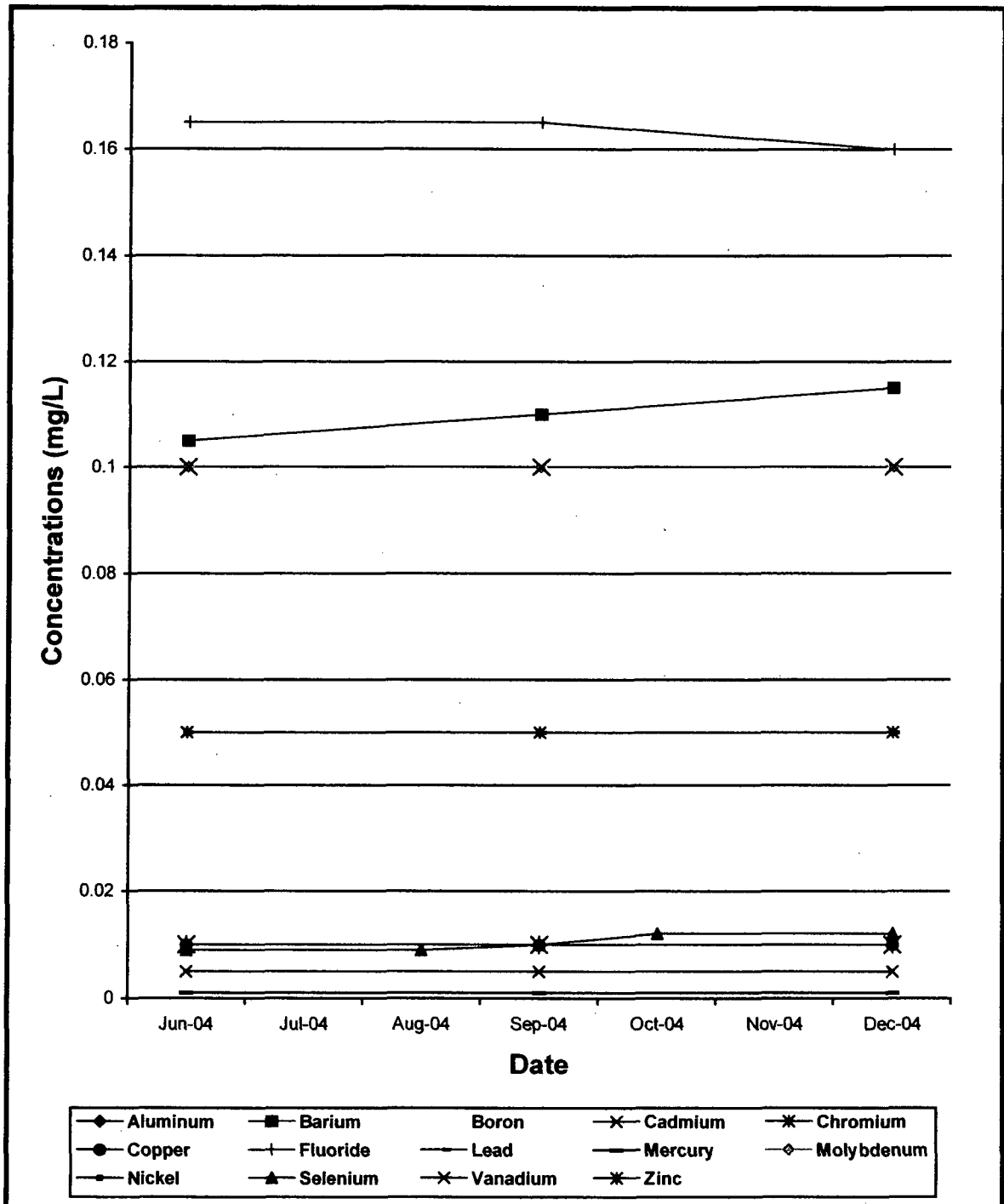
Figure 1: MU-B Stability Period Ground Water Quality Trends



which will increase the concentrations of alkalinity and bicarbonate.

Figure 2 contains the graphs of the mine unit average concentrations of the trace metals within the Production Zone during the Stability Period. Barium showed a slight increase in concentration from an end of restoration concentration of 0.105 mg/L to 0.115 mg/L. This concentration is approximately one tenth of the Class I Use Suitability Standard. The slight increase in the barium concentration may be due to the fact that since the sulfate concentration is below the baseline concentration, and if there is barite in the formation, then the barite will be dissolved so that the water rock system will reach equilibrium with sulfate. Additionally, this sulfate will be a source of sulfide, which will aid in the precipitation of arsenic from solution. Also, this process is an indication that the ground water is trending towards equilibrium. The rest of the dissolved metals remained stable during the Stability Period.

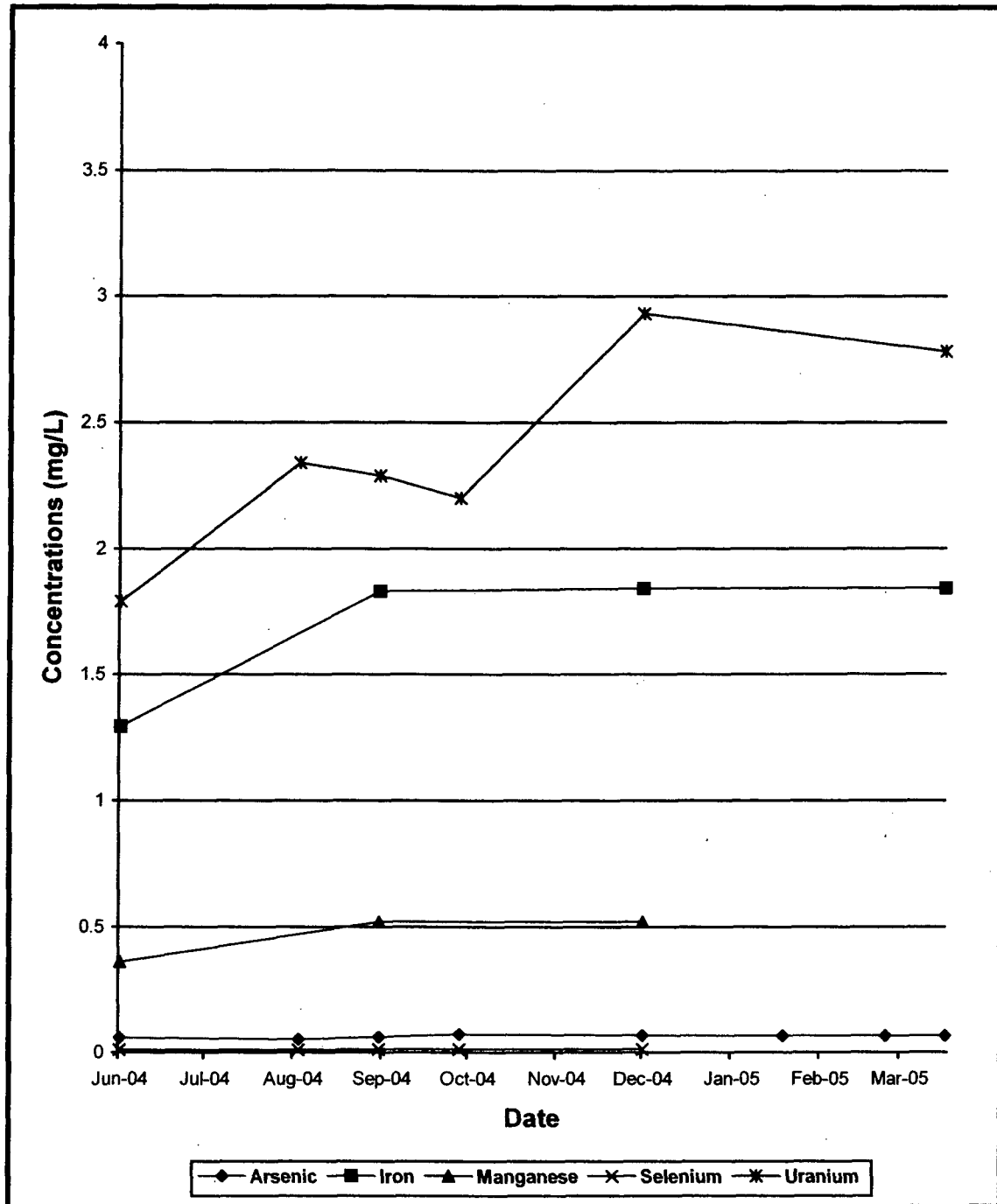
Figure 2: MU-B Stability Period Trace Metals Trends



Mine Unit B Stabilization Report

Figure 3 contains the graphs of the average mine unit concentrations of the redox sensitive metals in the Production Zone during the Stability Period. The graphed data also contains parameter concentrations collected after the end of the Stability Period from Wells MP-14, MP-21, and MP-22. Initially, there is a slight increase in the concentrations of each of these parameters. However, when the additional concentration data collected from the three MP-Wells is averaged with the rest of the MP-Well concentration data collected on December 28, 2004, the graphs show that the concentration of each parameters either stabilizes or begins to decrease. PRI expected to this type of trend to occur with the redox sensitive metals, due to the dissolution of iron hydroxides under the reducing conditions.


Figure 3: MU-B Stability Period Redox Sensitive Metals Concentration Trends



2.3 Potentiometric Surface Map

On February 13, 2005 and March 20, 2005, water levels were measured in twenty-three MU-B M-Wells and in ten MU-B Production Zone Wells and were converted to mean sea level elevations. Potentiometric surface contour maps were produced from each of these data sets and are included as Figure 4 and Figure 5, respectively.

A review of these surface contour maps shows that the ground water surface remained stable between the dates when water levels were collected. Although the water levels changed slightly, the contours remained relatively the same. Also, the measured water levels indicate that the ground water within the mine unit has recovered to above pre-mining elevations. At the time the ground water elevations were measured in 1987, the Exxon pit and the underground mine had not fully recovered and were drawing down the ground water elevations in MU-B.



A ground water divide is apparent along the northwest to southeast axis of MU-B. North of the divide, the ground water flow is to the northeast and south of the divide, the flow is to the southwest. The flow to the northeast is influenced by the natural ground water gradient, which is to the northeast. The flow to the southwest is influenced by the Exxon Highland Reservoir pit, which as of August 4, 2004 had a mean sea level water level elevation of 5029 feet (verbal communication with Mr. Steve Ingle, LQD, February 2005). This water level is well below the current ground water levels in the MU-B Production Zone. Eventually, the reservoir will fill to a water level greater than the ground water levels in MU-B and the flow will be reversed towards the northeast. The Exxon Underground Mine to the northwest of MU-B is not influencing the ground water flow direction, since the underground mine has fully recovered to its pre-mining ground water levels.

Figure 4: Mine Unit B Potentiometric Surface Map, 02/13/2005

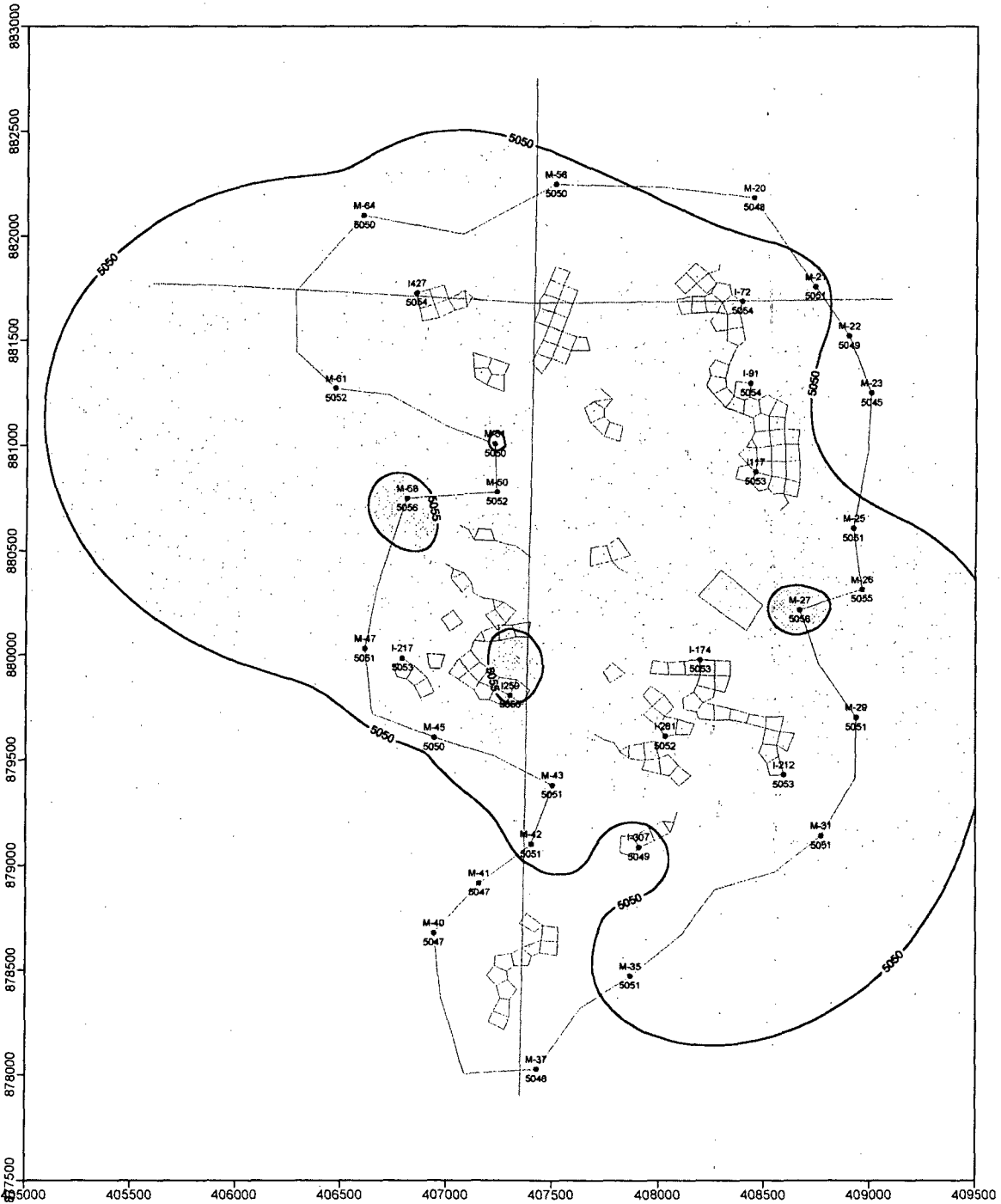
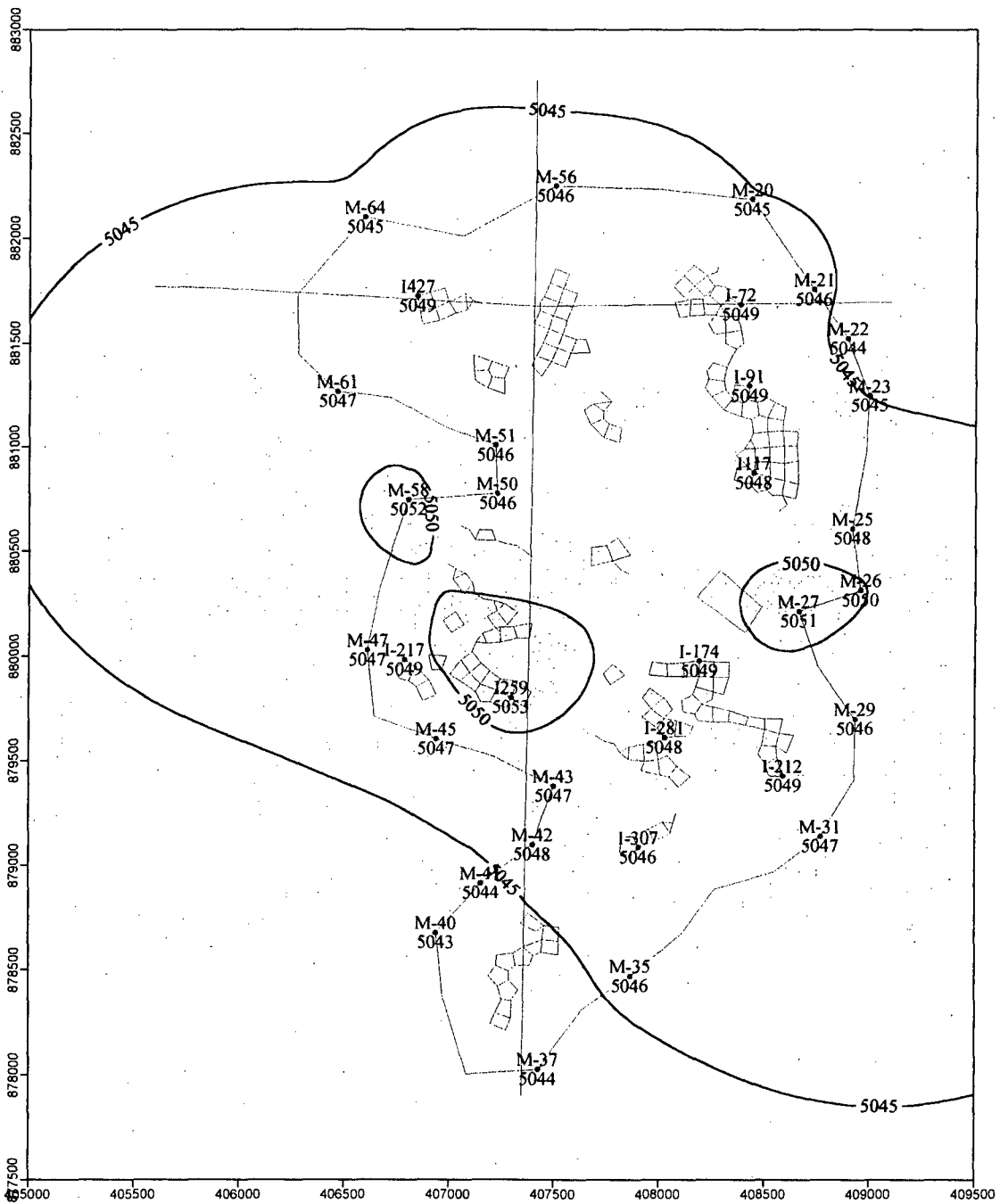


Figure 5: Mine Unit B Potentiometric Surface Map, 03/20/2005



3 MU-B Stability Period Monitor Well Ground Water Quality

3.1 M-Wells

The M-Wells consist of the monitor well ring surrounding the Production Zone. These wells include Wells M-20 through M-48, Wells M-50 and M-51 and Wells M-55 through M-64. The ground water quality data collected from these wells during the Stability Period is included in Appendix A. The data indicates there are no anomalous trends, either increasing or decreasing, in any of these wells. Therefore, the ground water quality of the M-Wells remained stable during the Stability Period.

3.2 MO-Wells

The MO-Wells are the wells that monitor the sandstone formations Overlying the Production Zone sandstone formation. These wells consist of Wells MO-5 through MO-17. There is no MO-10. The ground water quality data collected from these wells during the Stability Period is included in Appendix A. The data indicates there are no anomalous trends, either increasing or decreasing, in any of these wells. Therefore, the ground water quality of the MO-Wells remained stable during the Stability Period.

3.3 MU-Wells

The MU-Wells are the wells that monitor the sandstone formations Underlying the Production Zone sandstone formation. These wells consist of Wells MU-5 through MU-19. There is no MU-9. The ground water quality data collected from these wells during the Stability Period is included in Appendix A. The data indicates there are no anomalous trends, either increasing or decreasing, in any of these wells. Therefore, the ground water quality of the MU-Wells remained stable during the Stability Period.

Appendix A: MP-Well Laboratory Analyses

Appendix A: MP-Well Laboratory Analyses

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-004
 Client Sample ID: MP-11

Report Date: 07/15/04
 Collection Date: 06/28/04 08:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	198	mg/L		1.0		A2320 B	06/29/04 14:15 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/29/04 14:15 / nlm
Bicarbonate as HCO3	241	mg/L		1.0		A2320 B	06/29/04 14:15 / nlm
Calcium	57.8	mg/L		1.0		E200.7	06/29/04 14:28 / ts
Chloride	9.8	mg/L		1.0		E200.7	06/29/04 14:28 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 11:16 / slb
Magnesium	11.5	mg/L		1.0		E200.7	06/29/04 14:28 / ts
Nitrogen, Ammonia as N	0.35	mg/L		0.05		A4500-NH3 G	06/29/04 11:35 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 08:50 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 08:50 / jal
Potassium	5.7	mg/L		1.0		E200.7	06/29/04 14:28 / ts
Silica	11.2	mg/L		0.1		E200.7	06/29/04 14:28 / ts
Sodium	44.2	mg/L		1.0		E200.7	06/29/04 14:28 / ts
Sulfate	56.2	mg/L		1.0		E200.7	06/29/04 14:28 / ts
PHYSICAL PROPERTIES							
Conductivity	552	umhos/cm		1.0		A2510 B	06/29/04 14:06 / dd
pH	7.58	s.u.		0.01		A4500-H B	06/29/04 14:06 / dd
Solids, Total Dissolved TDS @ 180 C	323	mg/L		10		A2540 C	06/29/04 14:28 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:28 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 19:09 / bws
Arsenic	0.029	mg/L		0.001		E200.8	07/13/04 19:09 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 19:09 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 19:09 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 19:09 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 19:09 / bws
Iron	0.2	mg/L		0.03		E200.7	06/29/04 14:28 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 19:09 / bws
Manganese	0.16	mg/L		0.01		E200.8	07/13/04 19:09 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 19:09 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 19:09 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 19:09 / bws
Selenium	0.012	mg/L		0.001		E200.8	07/13/04 19:09 / bws
Uranium	3.96	mg/L		0.0003		E200.8	07/13/04 19:09 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 19:09 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 19:09 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-004
 Client Sample ID: MP-11

Report Date: 07/15/04
 Collection Date: 06/28/04 08:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	249	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	6.5	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	4.65	%				Calculation	07/02/04 14:37 / smd
Anions	5.41	meq/L				Calculation	07/02/04 14:37 / smd
Cations	5.93	meq/L				Calculation	07/02/04 14:37 / smd
Solids, Total Dissolved Calculated	315	mg/L				Calculation	07/02/04 14:37 / smd
TDS Balance (0.80 - 1.20)	1.03	dec. %				Calculation	07/02/04 14:37 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-017
 Client Sample ID: MP-12

Report Date: 07/15/04
 Collection Date: 06/28/04 08:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	204	mg/L		1.0		A2320 B	06/30/04 11:43 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 11:43 / nlm
Bicarbonate as HCO3	248	mg/L		1.0		A2320 B	06/30/04 11:43 / nlm
Calcium	51.8	mg/L		1.0		E200.7	06/29/04 15:47 / ts
Chloride	9.1	mg/L		1.0		E200.7	06/29/04 15:47 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 14:56 / slb
Magnesium	10.4	mg/L		1.0		E200.7	06/29/04 15:47 / ts
Nitrogen, Ammonia as N	0.09	mg/L		0.05		A4500-NH3 G	06/29/04 12:17 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:42 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:42 / jal
Potassium	4.2	mg/L		1.0		E200.7	06/29/04 15:47 / ts
Silica	10.5	mg/L		0.1		E200.7	06/29/04 15:47 / ts
Sodium	34.3	mg/L		1.0		E200.7	06/29/04 15:47 / ts
Sulfate	23.4	mg/L		1.0		E200.7	06/29/04 15:47 / ts
PHYSICAL PROPERTIES							
Conductivity	337	umhos/cm		1.0		A2510 B	06/29/04 14:30 / dd
pH	7.16	s.u.		0.01		A4500-H B	06/29/04 14:30 / dd
Solids, Total Dissolved TDS @ 180 C	264	mg/L		10		A2540 C	06/29/04 14:32 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 15:47 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 23:07 / bws
Arsenic	0.059	mg/L		0.001		E200.8	07/13/04 23:07 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 23:07 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 23:07 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 23:07 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 23:07 / bws
Iron	0.2	mg/L		0.03		E200.7	06/29/04 15:47 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 23:07 / bws
Manganese	0.20	mg/L		0.01		E200.8	07/13/04 23:07 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 23:07 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 23:07 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 23:07 / bws
Selenium	0.007	mg/L		0.001		E200.8	07/13/04 23:07 / bws
Uranium	2.46	mg/L		0.0003		E200.8	07/13/04 23:07 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 23:07 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 23:07 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-017
Client Sample ID: MP-12

Report Date: 07/15/04
Collection Date: 06/28/04 08:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	332	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	11.9	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	2.49	%				Calculation	07/02/04 14:41 / smd
Anions	4.81	meq/L				Calculation	07/02/04 14:41 / smd
Cations	5.06	meq/L				Calculation	07/02/04 14:41 / smd
Solids, Total Dissolved Calculated	266	mg/L				Calculation	07/02/04 14:41 / smd
TDS Balance (0.80 - 1.20)	0.990	dec. %				Calculation	07/02/04 14:41 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-014
Client Sample ID: MP-13

Report Date: 07/15/04
Collection Date: 06/28/04 08:30
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	230	mg/L		1.0		A2320 B	06/30/04 11:32 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 11:32 / nlm
Bicarbonate as HCO3	281	mg/L		1.0		A2320 B	06/30/04 11:32 / nlm
Calcium	71.9	mg/L		1.0		E200.7	06/29/04 15:38 / ts
Chloride	30.8	mg/L		1.0		E200.7	06/29/04 15:38 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 14:45 / slb
Magnesium	15.9	mg/L		1.0		E200.7	06/29/04 15:38 / ts
Nitrogen, Ammonia as N	0.08	mg/L		0.05		A4500-NH3 G	06/29/04 12:05 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:27 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:27 / jal
Potassium	5.2	mg/L		1.0		E200.7	06/29/04 15:38 / ts
Silica	10.8	mg/L		0.1		E200.7	06/29/04 15:38 / ts
Sodium	50.6	mg/L		1.0		E200.7	06/29/04 15:38 / ts
Sulfate	72.6	mg/L		1.0		E200.7	06/29/04 15:38 / ts
PHYSICAL PROPERTIES							
Conductivity	689	umhos/cm		1.0		A2510 B	06/29/04 14:25 / dd
pH	7.13	s.u.		0.01		A4500-H B	06/29/04 14:25 / dd
Solids, Total Dissolved TDS @ 180 C	376	mg/L		10		A2540 C	06/29/04 14:31 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 15:38 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 22:39 / bws
Arsenic	0.020	mg/L		0.001		E200.8	07/13/04 22:39 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 22:39 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 22:39 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 22:39 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 22:39 / bws
Iron	0.2	mg/L		0.03		E200.7	06/29/04 15:38 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 22:39 / bws
Manganese	0.23	mg/L		0.01		E200.8	07/13/04 22:39 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 22:39 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 22:39 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 22:39 / bws
Selenium	0.003	mg/L		0.001		E200.8	07/13/04 22:39 / bws
Uranium	1.75	mg/L		0.0003		E200.8	07/13/04 22:39 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 22:39 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 22:39 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-014
 Client Sample ID: MP-13

Report Date: 07/15/04
 Collection Date: 06/28/04 08:30
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	221	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	7.9	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	1.82	%				Calculation	07/02/04 14:40 / smd
Anions	6.98	meq/L				Calculation	07/02/04 14:40 / smd
Cations	7.24	meq/L				Calculation	07/02/04 14:40 / smd
Solids, Total Dissolved Calculated	396	mg/L				Calculation	07/02/04 14:40 / smd
TDS Balance (0.80 - 1.20)	0.950	dec. %				Calculation	07/02/04 14:40 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-015
 Client Sample ID: MP-14

Report Date: 07/15/04
 Collection Date: 06/28/04 08:30
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	269	mg/L		1.0		A2320 B	06/29/04 16:23 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/29/04 16:23 / nlm
Bicarbonate as HCO3	328	mg/L		1.0		A2320 B	06/29/04 16:23 / nlm
Calcium	84.6	mg/L		1.0		E200.7	06/29/04 15:41 / ts
Chloride	20.8	mg/L		1.0		E200.7	06/29/04 15:41 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 14:49 / sib
Magnesium	19.0	mg/L		1.0		E200.7	06/29/04 15:41 / ts
Nitrogen, Ammonia as N	0.16	mg/L		0.05		A4500-NH3 G	06/29/04 12:07 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:30 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:30 / jal
Potassium	6.5	mg/L		1.0		E200.7	06/29/04 15:41 / ts
Silica	10.7	mg/L		0.1		E200.7	06/29/04 15:41 / ts
Sodium	50.9	mg/L		1.0		E200.7	06/29/04 15:41 / ts
Sulfate	82.7	mg/L		1.0		E200.7	06/29/04 15:41 / ts
PHYSICAL PROPERTIES							
Conductivity	754	umhos/cm		1.0		A2510 B	06/29/04 14:28 / dd
pH	7.07	s.u.		0.01		A4500-H B	06/29/04 14:28 / dd
Solids, Total Dissolved TDS @ 180 C	434	mg/L		10		A2540 C	06/29/04 14:32 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 15:41 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 22:46 / bws
Arsenic	0.149	mg/L		0.001		E200.8	07/13/04 22:46 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 22:46 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 22:46 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 22:46 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 22:46 / bws
Iron	0.4	mg/L		0.03		E200.7	06/29/04 15:41 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 22:46 / bws
Manganese	0.24	mg/L		0.01		E200.8	07/13/04 22:46 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 22:46 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 22:46 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 22:46 / bws
Selenium	0.012	mg/L		0.001		E200.8	07/13/04 22:46 / bws
Uranium	4.89	mg/L		0.0003		E200.8	07/13/04 22:46 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 22:46 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 22:46 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-015
Client Sample ID: MP-14

Report Date: 07/15/04
Collection Date: 06/28/04 08:30
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	508	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	18.2	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	3.24	%				Calculation	07/02/04 14:41 / smd
Anions	7.68	meq/L				Calculation	07/02/04 14:41 / smd
Cations	8.19	meq/L				Calculation	07/02/04 14:41 / smd
Solids, Total Dissolved Calculated	436	mg/L				Calculation	07/02/04 14:41 / smd
TDS Balance (0.80 - 1.20)	1.00	dec. %				Calculation	07/02/04 14:41 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-023
 Client Sample ID: MP-15

Report Date: 07/15/04
 Collection Date: 06/28/04 09:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	198	mg/L		1.0		A2320 B	06/30/04 13:13 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 13:13 / nlm
Bicarbonate as HCO3	241	mg/L		1.0		A2320 B	06/30/04 13:13 / nlm
Calcium	53.6	mg/L		1.0		E200.7	06/29/04 16:15 / ts
Chloride	10.6	mg/L		1.0		E200.7	06/29/04 16:15 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 15:21 / slb
Magnesium	11.1	mg/L		1.0		E200.7	06/29/04 16:15 / ts
Nitrogen, Ammonia as N	0.07	mg/L		0.05		A4500-NH3 G	06/29/04 12:35 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 10:05 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 10:05 / jal
Potassium	4.1	mg/L		1.0		E200.7	06/29/04 16:15 / ts
Silica	10.4	mg/L		0.1		E200.7	06/29/04 16:15 / ts
Sodium	37.7	mg/L		1.0		E200.7	06/29/04 16:15 / ts
Sulfate	36.1	mg/L		1.0		E200.7	06/29/04 16:15 / ts
PHYSICAL PROPERTIES							
Conductivity	493	umhos/cm		1.0		A2510 B	06/29/04 14:37 / dd
pH	7.31	s.u.		0.01		A4500-H B	06/29/04 14:37 / dd
Solids, Total Dissolved TDS @ 180 C	293	mg/L		10		A2540 C	06/29/04 14:33 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:15 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/14/04 00:37 / bws
Arsenic	0.041	mg/L		0.001		E200.8	07/14/04 00:37 / bws
Barium	ND	mg/L		0.1		E200.8	07/14/04 00:37 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/14/04 00:37 / bws
Chromium	ND	mg/L		0.05		E200.8	07/14/04 00:37 / bws
Copper	ND	mg/L		0.01		E200.8	07/14/04 00:37 / bws
Iron	0.2	mg/L		0.03		E200.7	06/29/04 16:15 / ts
Lead	ND	mg/L		0.05		E200.8	07/14/04 00:37 / bws
Manganese	0.16	mg/L		0.01		E200.8	07/14/04 00:37 / bws
Mercury	ND	mg/L		0.001		E200.8	07/14/04 00:37 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/14/04 00:37 / bws
Nickel	ND	mg/L		0.05		E200.8	07/14/04 00:37 / bws
Selenium	0.004	mg/L		0.001		E200.8	07/14/04 00:37 / bws
Uranium	1.05	mg/L		0.0003		E200.8	07/14/04 00:37 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/14/04 00:37 / bws
Zinc	ND	mg/L		0.01		E200.8	07/14/04 00:37 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-023
Client Sample ID: MP-15

Report Date: 07/15/04
Collection Date: 06/28/04 09:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	189	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	6.8	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	3.31	%				Calculation	07/02/04 14:43 / smd
Anions	5.00	meq/L				Calculation	07/02/04 14:43 / smd
Cations	5.34	meq/L				Calculation	07/02/04 14:43 / smd
Solids, Total Dissolved Calculated	282	mg/L				Calculation	07/02/04 14:43 / smd
TDS Balance (0.80 - 1.20)	1.04	dec. %				Calculation	07/02/04 14:43 / smd

Report
Abbreviations: RL - Analyte reporting limit.

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-021
Client Sample ID: MP-16

Report Date: 07/15/04
Collection Date: 06/28/04 10:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	223	mg/L		1.0		A2320 B	06/30/04 12:49 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 12:49 / nlm
Bicarbonate as HCO3	272	mg/L		1.0		A2320 B	06/30/04 12:49 / nlm
Calcium	45.4	mg/L		1.0		E200.7	06/29/04 16:09 / ts
Chloride	8.4	mg/L		1.0		E200.7	06/29/04 16:09 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	07/02/04 15:14 / slb
Magnesium	10.2	mg/L		1.0		E200.7	06/29/04 16:09 / ts
Nitrogen, Ammonia as N	0.50	mg/L		0.05		A4500-NH3 G	06/29/04 12:31 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 10:00 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 10:00 / jal
Potassium	3.1	mg/L		1.0		E200.7	06/29/04 16:09 / ts
Silica	16.1	mg/L		0.1		E200.7	06/29/04 16:09 / ts
Sodium	49.5	mg/L		1.0		E200.7	06/29/04 16:09 / ts
Sulfate	8.0	mg/L		1.0		E200.7	06/29/04 16:09 / ts
PHYSICAL PROPERTIES							
Conductivity	502	umhos/cm		1.0		A2510 B	06/29/04 14:35 / dd
pH	7.11	s.u.		0.01		A4500-H B	06/29/04 14:35 / dd
Solids, Total Dissolved TDS @ 180 C	303	mg/L		10		A2540 C	06/29/04 14:33 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:09 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/14/04 00:23 / bws
Arsenic	0.037	mg/L		0.001		E200.8	07/14/04 00:23 / bws
Barium	ND	mg/L		0.1		E200.8	07/14/04 00:23 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/14/04 00:23 / bws
Chromium	ND	mg/L		0.05		E200.8	07/14/04 00:23 / bws
Copper	ND	mg/L		0.01		E200.8	07/14/04 00:23 / bws
Iron	1.9	mg/L		0.03		E200.7	06/29/04 16:09 / ts
Lead	ND	mg/L		0.05		E200.8	07/14/04 00:23 / bws
Manganese	0.29	mg/L		0.01		E200.8	07/14/04 00:23 / bws
Mercury	ND	mg/L		0.001		E200.8	07/14/04 00:23 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/14/04 00:23 / bws
Nickel	ND	mg/L		0.05		E200.8	07/14/04 00:23 / bws
Selenium	0.011	mg/L		0.001		E200.8	07/14/04 00:23 / bws
Uranium	0.282	mg/L		0.0003		E200.8	07/14/04 00:23 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/14/04 00:23 / bws
Zinc	ND	mg/L		0.01		E200.8	07/14/04 00:23 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-021
 Client Sample ID: MP-16

Report Date: 07/15/04
 Collection Date: 06/28/04 10:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	271	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	9.7	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	4.99	%				Calculation	07/12/04 15:11 / smd
Anions	4.88	meq/L				Calculation	07/12/04 15:11 / smd
Cations	5.40	meq/L				Calculation	07/12/04 15:11 / smd
Solids, Total Dissolved Calculated	274	mg/L				Calculation	07/12/04 15:11 / smd
TDS Balance (0.80 - 1.20)	1.11	dec. %				Calculation	07/12/04 15:11 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-005
Client Sample ID: MP-18

Report Date: 07/15/04
Collection Date: 06/28/04 13:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	373	mg/L		1.0		A2320 B	06/29/04 14:25 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/29/04 14:25 / nlm
Bicarbonate as HCO3	455	mg/L		1.0		A2320 B	06/29/04 14:25 / nlm
Calcium	120	mg/L		1.0		E200.7	06/29/04 14:40 / ts
Chloride	44.2	mg/L		1.0		E200.7	06/29/04 14:40 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 11:20 / slb
Magnesium	27.2	mg/L		1.0		E200.7	06/29/04 14:40 / ts
Nitrogen, Ammonia as N	0.40	mg/L		0.05		A4500-NH3 G	06/29/04 11:37 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 08:52 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 08:52 / jal
Potassium	8.3	mg/L		1.0		E200.7	06/29/04 14:40 / ts
Silica	14.6	mg/L		0.1		E200.7	06/29/04 14:40 / ts
Sodium	48.6	mg/L		1.0		E200.7	06/29/04 14:40 / ts
Sulfate	57.1	mg/L		1.0		E200.7	06/29/04 14:40 / ts
PHYSICAL PROPERTIES							
Conductivity	953	umhos/cm		1.0		A2510 B	06/29/04 14:13 / dd
pH	6.97	s.u.		0.01		A4500-H B	06/29/04 14:13 / dd
Solids, Total Dissolved TDS @ 180 C	536	mg/L		10		A2540 C	06/29/04 14:28 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:40 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 19:16 / bws
Arsenic	0.007	mg/L		0.001		E200.8	07/13/04 19:16 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 19:16 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 19:16 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 19:16 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 19:16 / bws
Iron	0.4	mg/L		0.03		E200.7	06/29/04 14:40 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 19:16 / bws
Manganese	0.39	mg/L		0.01		E200.8	07/13/04 19:16 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 19:16 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 19:16 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 19:16 / bws
Selenium	0.010	mg/L		0.001		E200.8	07/13/04 19:16 / bws
Uranium	2.84	mg/L		0.0003		E200.8	07/13/04 19:16 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 19:16 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 19:16 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-005
 Client Sample ID: MP-18

Report Date: 07/15/04
 Collection Date: 06/28/04 13:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	783	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	11.9	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	3.29	%				Calculation	07/02/04 14:38 / smd
Anions	9.90	meq/L				Calculation	07/02/04 14:38 / smd
Cations	10.6	meq/L				Calculation	07/02/04 14:38 / smd
Solids, Total Dissolved Calculated	543	mg/L				Calculation	07/02/04 14:38 / smd
TDS Balance (0.80 - 1.20)	0.990	dec. %				Calculation	07/02/04 14:38 / smd

Notes:

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-011
 Client Sample ID: MP-19

Report Date: 07/15/04
 Collection Date: 06/28/04 13:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	245	mg/L		1.0		A2320 B	06/30/04 10:59 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 10:59 / nlm
Bicarbonate as HCO3	299	mg/L		1.0		A2320 B	06/30/04 10:59 / nlm
Calcium	56.4	mg/L		1.0		E200.7	06/29/04 15:29 / ts
Chloride	17.2	mg/L		1.0		E200.7	06/29/04 15:29 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 14:34 / slb
Magnesium	12.9	mg/L		1.0		E200.7	06/29/04 15:29 / ts
Nitrogen, Ammonia as N	1.09	mg/L		0.05		A4500-NH3 G	06/29/04 11:59 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:20 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:20 / jal
Potassium	5.3	mg/L		1.0		E200.7	06/29/04 15:29 / ts
Silica	18.4	mg/L		0.1		E200.7	06/29/04 15:29 / ts
Sodium	48.3	mg/L		1.0		E200.7	06/29/04 15:29 / ts
Sulfate	22.8	mg/L		1.0		E200.7	06/29/04 15:29 / ts
PHYSICAL PROPERTIES							
Conductivity	593	umhos/cm		1.0		A2510 B	06/29/04 14:22 / dd
pH	6.96	s.u.		0.01		A4500-H B	06/29/04 14:22 / dd
Solids, Total Dissolved TDS @ 180 C	314	mg/L		10		A2540 C	06/29/04 14:30 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 15:29 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 22:18 / bws
Arsenic	0.023	mg/L		0.001		E200.8	07/13/04 22:18 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 22:18 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 22:18 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 22:18 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 22:18 / bws
Iron	2.6	mg/L		0.03		E200.7	06/29/04 15:29 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 22:18 / bws
Manganese	0.16	mg/L		0.01		E200.8	07/13/04 22:18 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 22:18 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 22:18 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 22:18 / bws
Selenium	0.003	mg/L		0.001		E200.8	07/13/04 22:18 / bws
Uranium	0.505	mg/L		0.0003		E200.8	07/13/04 22:18 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 22:18 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 22:18 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-011
 Client Sample ID: MP-19

Report Date: 07/15/04
 Collection Date: 06/28/04 13:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	276	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	5.3	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	3.58	%				Calculation	07/02/04 14:39 / smd
Anions	5.85	meq/L				Calculation	07/02/04 14:39 / smd
Cations	6.28	meq/L				Calculation	07/02/04 14:39 / smd
Solids, Total Dissolved Calculated	328	mg/L				Calculation	07/02/04 14:39 / smd
TDS Balance (0.80 - 1.20)	0.960	dec. %				Calculation	07/02/04 14:39 / smd



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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-012
Client Sample ID: MP-20

Report Date: 07/15/04
Collection Date: 06/28/04 10:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	172	mg/L		1.0		A2320 B	06/30/04 11:08 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 11:08 / nlm
Bicarbonate as HCO3	210	mg/L		1.0		A2320 B	06/30/04 11:08 / nlm
Calcium	63.1	mg/L		1.0		E200.7	06/29/04 15:32 / ts
Chloride	7.5	mg/L		1.0		E200.7	06/29/04 15:32 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 14:37 / slb
Magnesium	11.1	mg/L		1.0		E200.7	06/29/04 15:32 / ts
Nitrogen, Ammonia as N	0.73	mg/L		0.05		A4500-NH3 G	06/29/04 12:01 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:22 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:22 / jal
Potassium	4.0	mg/L		1.0		E200.7	06/29/04 15:32 / ts
Silica	14.3	mg/L		0.1		E200.7	06/29/04 15:32 / ts
Sodium	62.4	mg/L		1.0		E200.7	06/29/04 15:32 / ts
Sulfate	147	mg/L		1.0		E200.7	06/29/04 15:32 / ts
PHYSICAL PROPERTIES							
Conductivity	679	umhos/cm		1.0		A2510 B	06/29/04 14:23 / dd
pH	7.07	s.u.		0.01		A4500-H B	06/29/04 14:23 / dd
Solids, Total Dissolved TDS @ 180 C	400	mg/L		10		A2540 C	06/29/04 14:31 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 15:32 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 22:25 / bws
Arsenic	0.038	mg/L		0.001		E200.8	07/13/04 22:25 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 22:25 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 22:25 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 22:25 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 22:25 / bws
Iron	1.3	mg/L		0.03		E200.7	06/29/04 15:32 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 22:25 / bws
Manganese	0.61	mg/L		0.01		E200.8	07/13/04 22:25 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 22:25 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 22:25 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 22:25 / bws
Selenium	0.005	mg/L		0.001		E200.8	07/13/04 22:25 / bws
Uranium	0.753	mg/L		0.0003		E200.8	07/13/04 22:25 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 22:25 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 22:25 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-012
 Client Sample ID: MP-20

Report Date: 07/15/04
 Collection Date: 06/28/04 10:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	407	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	14.6	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	1.97	%				Calculation	07/02/04 14:40 / smd
Anions	6.71	meq/L				Calculation	07/02/04 14:40 / smd
Cations	6.98	meq/L				Calculation	07/02/04 14:40 / smd
Solids, Total Dissolved Calculated	412	mg/L				Calculation	07/02/04 14:40 / smd
TDS Balance (0.80 - 1.20)	0.970	dec. %				Calculation	07/02/04 14:40 / smd



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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-020
Client Sample ID: MP-21

Report Date: 07/15/04
Collection Date: 06/28/04 10:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	297	mg/L		1.0		A2320 B	06/30/04 12:37 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 12:37 / nlm
Bicarbonate as HCO3	362	mg/L		1.0		A2320 B	06/30/04 12:37 / nlm
Calcium	102	mg/L		1.0		E200.7	06/29/04 16:06 / ts
Chloride	19.7	mg/L		1.0		E200.7	06/29/04 16:06 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	07/02/04 15:10 / slb
Magnesium	18.3	mg/L		1.0		E200.7	06/29/04 16:06 / ts
Nitrogen, Ammonia as N	0.75	mg/L		0.05		A4500-NH3 G	06/29/04 12:23 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:50 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:50 / jal
Potassium	5.1	mg/L		1.0		E200.7	06/29/04 16:06 / ts
Silica	17.4	mg/L		0.1		E200.7	06/29/04 16:06 / ts
Sodium	34.5	mg/L		1.0		E200.7	06/29/04 16:06 / ts
Sulfate	62.7	mg/L		1.0		E200.7	06/29/04 16:06 / ts
PHYSICAL PROPERTIES							
Conductivity	751	umhos/cm		1.0		A2510 B	06/29/04 14:34 / dd
pH	6.79	s.u.		0.01		A4500-H B	06/29/04 14:34 / dd
Solids, Total Dissolved TDS @ 180 C	441	mg/L		10		A2540 C	06/29/04 14:33 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:06 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/14/04 00:16 / bws
Arsenic	0.341	mg/L		0.001		E200.8	07/14/04 00:16 / bws
Barium	0.1	mg/L		0.1		E200.8	07/14/04 00:16 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/14/04 00:16 / bws
Chromium	ND	mg/L		0.05		E200.8	07/14/04 00:16 / bws
Copper	ND	mg/L		0.01		E200.8	07/14/04 00:16 / bws
Iron	3.2	mg/L		0.03		E200.7	06/29/04 16:06 / ts
Lead	ND	mg/L		0.05		E200.8	07/14/04 00:16 / bws
Manganese	0.81	mg/L		0.01		E200.8	07/14/04 00:16 / bws
Mercury	ND	mg/L		0.001		E200.8	07/14/04 00:16 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/14/04 00:16 / bws
Nickel	ND	mg/L		0.05		E200.8	07/14/04 00:16 / bws
Selenium	0.006	mg/L		0.001		E200.8	07/14/04 00:16 / bws
Uranium	0.698	mg/L		0.0003		E200.8	07/14/04 00:16 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/14/04 00:16 / bws
Zinc	ND	mg/L		0.01		E200.8	07/14/04 00:16 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-020
 Client Sample ID: MP-21

Report Date: 07/15/04
 Collection Date: 06/28/04 10:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	1050	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	37.6	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	3.60	%				Calculation	07/02/04 14:42 / smd
Anions	7.79	meq/L				Calculation	07/02/04 14:42 / smd
Cations	8.37	meq/L				Calculation	07/02/04 14:42 / smd
Solids, Total Dissolved Calculated	437	mg/L				Calculation	07/02/04 14:42 / smd
TDS Balance (0.80 - 1.20)	1.01	dec. %				Calculation	07/02/04 14:42 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-013
Client Sample ID: MP-22

Report Date: 07/15/04
Collection Date: 06/28/04 10:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	277	mg/L		1.0		A2320 B	06/30/04 11:20 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 11:20 / nlm
Bicarbonate as HCO3	338	mg/L		1.0		A2320 B	06/30/04 11:20 / nlm
Calcium	79.4	mg/L		1.0		E200.7	06/29/04 15:35 / ts
Chloride	14.8	mg/L		1.0		E200.7	06/29/04 15:35 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	07/02/04 14:41 / slb
Magnesium	18.4	mg/L		1.0		E200.7	06/29/04 15:35 / ts
Nitrogen, Ammonia as N	1.19	mg/L		0.05		A4500-NH3 G	06/29/04 12:03 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:25 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:25 / jal
Potassium	5.6	mg/L		1.0		E200.7	06/29/04 15:35 / ts
Silica	20.6	mg/L		0.1		E200.7	06/29/04 15:35 / ts
Sodium	26.2	mg/L		1.0		E200.7	06/29/04 15:35 / ts
Sulfate	22.1	mg/L		1.0		E200.7	06/29/04 15:35 / ts
PHYSICAL PROPERTIES							
Conductivity	639	umhos/cm		1.0		A2510 B	06/29/04 14:24 / dd
pH	6.78	s.u.		0.01		A4500-H B	06/29/04 14:24 / dd
Solids, Total Dissolved TDS @ 180 C	360	mg/L		10		A2540 C	06/29/04 14:31 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 15:35 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 22:32 / bws
Arsenic	0.213	mg/L		0.001		E200.8	07/13/04 22:32 / bws
Barium	0.1	mg/L		0.1		E200.8	07/13/04 22:32 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 22:32 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 22:32 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 22:32 / bws
Iron	5.5	mg/L		0.03		E200.7	06/29/04 15:35 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 22:32 / bws
Manganese	0.44	mg/L		0.01		E200.8	07/13/04 22:32 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 22:32 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 22:32 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 22:32 / bws
Selenium	0.005	mg/L		0.001		E200.8	07/13/04 22:32 / bws
Uranium	0.935	mg/L		0.0003		E200.8	07/13/04 22:32 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 22:32 / bws
Zinc	0.01	mg/L		0.01		E200.8	07/13/04 22:32 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-013
 Client Sample ID: MP-22

Report Date: 07/15/04
 Collection Date: 06/28/04 10:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	658	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	23.5	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	4.62	%				Calculation	07/02/04 14:40 / smd
Anions	6.42	meq/L				Calculation	07/02/04 14:40 / smd
Cations	7.04	meq/L				Calculation	07/02/04 14:40 / smd
Solids, Total Dissolved Calculated	353	mg/L				Calculation	07/02/04 14:40 / smd
TDS Balance (0.80 - 1.20)	1.02	dec. %				Calculation	07/02/04 14:40 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-016
Client Sample ID: MP-23

Report Date: 07/15/04
Collection Date: 06/28/04 10:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	212	mg/L		1.0		A2320 B	06/29/04 16:56 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/29/04 16:56 / nlm
Bicarbonate as HCO3	259	mg/L		1.0		A2320 B	06/29/04 16:56 / nlm
Calcium	70.8	mg/L		1.0		E200.7	06/29/04 15:44 / ts
Chloride	7.7	mg/L		1.0		E200.7	06/29/04 15:44 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 14:52 / slb
Magnesium	15.0	mg/L		1.0		E200.7	06/29/04 15:44 / ts
Nitrogen, Ammonia as N	0.43	mg/L		0.05		A4500-NH3 G	06/29/04 12:15 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:40 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:40 / jal
Potassium	5.3	mg/L		1.0		E200.7	06/29/04 15:44 / ts
Silica	11.9	mg/L		0.1		E200.7	06/29/04 15:44 / ts
Sodium	33.3	mg/L		1.0		E200.7	06/29/04 15:44 / ts
Sulfate	76.7	mg/L		1.0		E200.7	06/29/04 15:44 / ts
PHYSICAL PROPERTIES							
Conductivity	421	umhos/cm		1.0		A2510 B	06/29/04 14:29 / dd
pH	6.83	s.u.		0.01		A4500-H B	06/29/04 14:29 / dd
Solids, Total Dissolved TDS @ 180 C	339	mg/L		10		A2540 C	06/29/04 14:32 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 15:44 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 23:00 / bws
Arsenic	0.054	mg/L		0.001		E200.8	07/13/04 23:00 / bws
Barium	0.1	mg/L		0.1		E200.8	07/13/04 23:00 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 23:00 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 23:00 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 23:00 / bws
Iron	1.6	mg/L		0.03		E200.7	06/29/04 15:44 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 23:00 / bws
Manganese	0.38	mg/L		0.01		E200.8	07/13/04 23:00 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 23:00 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 23:00 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 23:00 / bws
Selenium	0.022	mg/L		0.001		E200.8	07/13/04 23:00 / bws
Uranium	2.56	mg/L		0.0003		E200.8	07/13/04 23:00 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 23:00 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 23:00 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-016
Client Sample ID: MP-23

Report Date: 07/15/04
Collection Date: 06/28/04 10:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	651	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	23.3	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	3.10	%				Calculation	07/02/04 14:41 / smd
Anions	6.05	meq/L				Calculation	07/02/04 14:41 / smd
Cations	6.44	meq/L				Calculation	07/02/04 14:41 / smd
Solids, Total Dissolved Calculated	348	mg/L				Calculation	07/02/04 14:41 / smd
TDS Balance (0.80 - 1.20)	0.970	dec. %				Calculation	07/02/04 14:41 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-007
 Client Sample ID: MP-24

Report Date: 07/15/04
 Collection Date: 06/28/04 11:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	337	mg/L		1.0		A2320 B	06/30/04 09:45 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 09:45 / nlm
Bicarbonate as HCO3	411	mg/L		1.0		A2320 B	06/30/04 09:45 / nlm
Calcium	117	mg/L		1.0		E200.7	06/29/04 14:46 / ts
Chloride	18.6	mg/L		1.0		E200.7	06/29/04 14:46 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	07/02/04 11:30 / slb
Magnesium	18.5	mg/L		1.0		E200.7	06/29/04 14:46 / ts
Nitrogen, Ammonia as N	1.05	mg/L		0.05		A4500-NH3 G	06/29/04 11:47 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:05 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:05 / jal
Potassium	5.4	mg/L		1.0		E200.7	06/29/04 14:46 / ts
Silica	17.7	mg/L		0.1		E200.7	06/29/04 14:46 / ts
Sodium	19.0	mg/L		1.0		E200.7	06/29/04 14:46 / ts
Sulfate	21.8	mg/L		1.0		E200.7	06/29/04 14:46 / ts
PHYSICAL PROPERTIES							
Conductivity	740	umhos/cm		1.0		A2510 B	06/29/04 14:16 / dd
pH	6.79	s.u.		0.01		A4500-H B	06/29/04 14:16 / dd
Solids, Total Dissolved TDS @ 180 C	429	mg/L		10		A2540 C	06/29/04 14:29 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:46 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 19:37 / bws
Arsenic	0.037	mg/L		0.001		E200.8	07/13/04 19:37 / bws
Barium	0.2	mg/L		0.1		E200.8	07/13/04 19:37 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 19:37 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 19:37 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 19:37 / bws
Iron	2.9	mg/L		0.03		E200.7	06/29/04 14:46 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 19:37 / bws
Manganese	1.04	mg/L		0.01		E200.8	07/13/04 19:37 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 19:37 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 19:37 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 19:37 / bws
Selenium	0.017	mg/L		0.001		E200.8	07/13/04 19:37 / bws
Uranium	0.288	mg/L		0.0003		E200.8	07/13/04 19:37 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 19:37 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 19:37 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-007
 Client Sample ID: MP-24

Report Date: 07/15/04
 Collection Date: 06/28/04 11:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	278	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	5.2	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	4.76	%				Calculation	07/02/04 14:38 / smd
Anions	7.72	meq/L				Calculation	07/02/04 14:38 / smd
Cations	8.49	meq/L				Calculation	07/02/04 14:38 / smd
Solids, Total Dissolved Calculated	420	mg/L				Calculation	07/02/04 14:38 / smd
TDS Balance (0.80 - 1.20)	1.02	dec. %				Calculation	07/02/04 14:38 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Subject: Smith Ranch - HUP
 Lab ID: C04061221-022
 Client Sample ID: MP-25

Report Date: 07/15/04
 Collection Date: 06/28/04 10:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	243	mg/L		1.0		A2320 B	06/30/04 13:02 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 13:02 / nlm
Bicarbonate as HCO3	296	mg/L		1.0		A2320 B	06/30/04 13:02 / nlm
Calcium	98.9	mg/L		1.0		E200.7	06/29/04 16:12 / ts
Chloride	11.5	mg/L		1.0		E200.7	06/29/04 16:12 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	07/02/04 15:17 / slb
Magnesium	20.3	mg/L		1.0		E200.7	06/29/04 16:12 / ts
Nitrogen, Ammonia as N	0.23	mg/L		0.05		A4500-NH3 G	06/29/04 12:33 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 10:02 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 10:02 / jal
Potassium	6.8	mg/L		1.0		E200.7	06/29/04 16:12 / ts
Silica	17.0	mg/L		0.1		E200.7	06/29/04 16:12 / ts
Sodium	42.7	mg/L		1.0		E200.7	06/29/04 16:12 / ts
Sulfate	148	mg/L		1.0		E200.7	06/29/04 16:12 / ts
PHYSICAL PROPERTIES							
Conductivity	776	umhos/cm		1.0		A2510 B	06/29/04 14:36 / dd
pH	6.87	s.u.		0.01		A4500-H B	06/29/04 14:36 / dd
Solids, Total Dissolved TDS @ 180 C	478	mg/L		10		A2540 C	06/29/04 14:33 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:12 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/14/04 00:30 / bws
Arsenic	0.019	mg/L		0.001		E200.8	07/14/04 00:30 / bws
Barium	0.1	mg/L		0.1		E200.8	07/14/04 00:30 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/14/04 00:30 / bws
Chromium	ND	mg/L		0.05		E200.8	07/14/04 00:30 / bws
Copper	ND	mg/L		0.01		E200.8	07/14/04 00:30 / bws
Iron	2.2	mg/L		0.03		E200.7	06/29/04 16:12 / ts
Lead	ND	mg/L		0.05		E200.8	07/14/04 00:30 / bws
Manganese	0.29	mg/L		0.01		E200.8	07/14/04 00:30 / bws
Mercury	ND	mg/L		0.001		E200.8	07/14/04 00:30 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/14/04 00:30 / bws
Nickel	ND	mg/L		0.05		E200.8	07/14/04 00:30 / bws
Selenium	0.006	mg/L		0.001		E200.8	07/14/04 00:30 / bws
Uranium	0.614	mg/L		0.0003		E200.8	07/14/04 00:30 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/14/04 00:30 / bws
Zinc	ND	mg/L		0.01		E200.8	07/14/04 00:30 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-022
 Client Sample ID: MP-25

Report Date: 07/15/04
 Collection Date: 06/28/04 10:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	330	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	11.8	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	2.86	%				Calculation	07/02/04 14:42 / smd
Anions	8.25	meq/L				Calculation	07/02/04 14:42 / smd
Cations	8.73	meq/L				Calculation	07/02/04 14:42 / smd
Solids, Total Dissolved Calculated	490	mg/L				Calculation	07/02/04 14:42 / smd
TDS Balance (0.80 - 1.20)	0.980	dec. %				Calculation	07/02/04 14:42 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-008
 Client Sample ID: MP-26

Report Date: 07/15/04
 Collection Date: 06/28/04 11:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	336	mg/L		1.0		A2320 B	06/30/04 09:55 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 09:55 / nlm
Bicarbonate as HCO3	410	mg/L		1.0		A2320.B	06/30/04 09:55 / nlm
Calcium	74.8	mg/L		1.0		E200.7	06/29/04 14:49 / ts
Chloride	3.8	mg/L		1.0		E200.7	06/29/04 14:49 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	07/02/04 14:16 / slb
Magnesium	15.3	mg/L		1.0		E200.7	06/29/04 14:49 / ts
Nitrogen, Ammonia as N	0.55	mg/L		0.05		A4500-NH3 G	06/29/04 11:49 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:07 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:07 / jal
Potassium	7.0	mg/L		1.0		E200.7	06/29/04 14:49 / ts
Silica	13.3	mg/L		0.1		E200.7	06/29/04 14:49 / ts
Sodium	54.8	mg/L		1.0		E200.7	06/29/04 14:49 / ts
Sulfate	22.6	mg/L		1.0		E200.7	06/29/04 14:49 / ts
PHYSICAL PROPERTIES							
Conductivity	667	umhos/cm		1.0		A2510 B	06/29/04 14:17 / dd
pH	7.22	s.u.		0.01		A4500-H B	06/29/04 14:17 / dd
Solids, Total Dissolved TDS @ 180 C	384	mg/L		10		A2540 C	06/29/04 14:29 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:49 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 20:12 / bws
Arsenic	0.010	mg/L		0.001		E200.8	07/13/04 20:12 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 20:12 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 20:12 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 20:12 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 20:12 / bws
Iron	0.08	mg/L		0.03		E200.7	06/29/04 14:49 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 20:12 / bws
Manganese	0.23	mg/L		0.01		E200.8	07/13/04 20:12 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 20:12 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 20:12 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 20:12 / bws
Selenium	0.005	mg/L		0.001		E200.8	07/13/04 20:12 / bws
Uranium	1.04	mg/L		0.0003		E200.8	07/13/04 20:12 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 20:12 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 20:12 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-008
 Client Sample ID: MP-26

Report Date: 07/15/04
 Collection Date: 06/28/04 11:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	508	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	7.1	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	2.05	%				Calculation	07/02/04 14:39 / smd
Anions	7.29	meq/L				Calculation	07/02/04 14:39 / smd
Cations	7.60	meq/L				Calculation	07/02/04 14:39 / smd
Solids, Total Dissolved Calculated	393	mg/L				Calculation	07/02/04 14:39 / smd
TDS Balance (0.80 - 1.20)	0.980	dec. %				Calculation	07/02/04 14:39 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Subject: Smith Ranch - HUP
Lab ID: C04061221-009
Client Sample ID: MP-27

Report Date: 07/15/04
Collection Date: 06/28/04 12:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	321	mg/L		1.0		A2320 B	06/30/04 10:30 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 10:30 / nlm
Bicarbonate as HCO3	391	mg/L		1.0		A2320 B	06/30/04 10:30 / nlm
Calcium	142	mg/L		1.0		E200.7	06/29/04 14:52 / ts
Chloride	14.6	mg/L		1.0		E200.7	06/29/04 14:52 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	07/02/04 14:26 / slb
Magnesium	25.8	mg/L		1.0		E200.7	06/29/04 14:52 / ts
Nitrogen, Ammonia as N	0.28	mg/L		0.05		A4500-NH3 G	06/29/04 11:51 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:10 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:10 / jal
Potassium	7.1	mg/L		1.0		E200.7	06/29/04 14:52 / ts
Silica	13.1	mg/L		0.1		E200.7	06/29/04 14:52 / ts
Sodium	29.5	mg/L		1.0		E200.7	06/29/04 14:52 / ts
Sulfate	163	mg/L		1.0		E200.7	06/29/04 14:52 / ts
PHYSICAL PROPERTIES							
Conductivity	939	umhos/cm		1.0		A2510 B	06/29/04 14:19 / dd
pH	6.89	s.u.		0.01		A4500-H B	06/29/04 14:19 / dd
Solids, Total Dissolved TDS @ 180 C	584	mg/L		10		A2540 C	06/29/04 14:29 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:52 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 20:19 / bws
Arsenic	0.002	mg/L		0.001		E200.8	07/13/04 20:19 / bws
Barium	0.1	mg/L		0.1		E200.8	07/13/04 20:19 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 20:19 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 20:19 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 20:19 / bws
Iron	0.8	mg/L		0.03		E200.7	06/29/04 14:52 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 20:19 / bws
Manganese	0.60	mg/L		0.01		E200.8	07/13/04 20:19 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 20:19 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 20:19 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 20:19 / bws
Selenium	0.020	mg/L		0.001		E200.8	07/13/04 20:19 / bws
Uranium	2.36	mg/L		0.0003		E200.8	07/13/04 20:19 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 20:19 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 20:19 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-009
 Client Sample ID: MP-27

Report Date: 07/15/04
 Collection Date: 06/28/04 12:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	877	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	9.4	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	2.56	%				Calculation	07/02/04 14:39 / smd
Anions	10.2	meq/L				Calculation	07/02/04 14:39 / smd
Cations	10.7	meq/L				Calculation	07/02/04 14:39 / smd
Solids, Total Dissolved Calculated	588	mg/L				Calculation	07/02/04 14:39 / smd
TDS Balance (0.80 - 1.20)	0.990	dec. %				Calculation	07/02/04 14:39 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-006
 Client Sample ID: MP-28

Report Date: 07/15/04
 Collection Date: 06/28/04 13:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	290	mg/L		1.0		A2320 B	06/29/04 14:49 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/29/04 14:49 / nlm
Bicarbonate as HCO3	354	mg/L		1.0		A2320 B	06/29/04 14:49 / nlm
Calcium	84.8	mg/L		1.0		E200.7	06/29/04 14:43 / ts
Chloride	19.2	mg/L		1.0		E200.7	06/29/04 14:43 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 11:26 / slb
Magnesium	19.5	mg/L		1.0		E200.7	06/29/04 14:43 / ts
Nitrogen, Ammonia as N	0.80	mg/L		0.05		A4500-NH3 G	06/29/04 11:45 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:02 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:02 / jal
Potassium	7.0	mg/L		1.0		E200.7	06/29/04 14:43 / ts
Silica	16.9	mg/L		0.1		E200.7	06/29/04 14:43 / ts
Sodium	48.0	mg/L		1.0		E200.7	06/29/04 14:43 / ts
Sulfate	60.8	mg/L		1.0		E200.7	06/29/04 14:43 / ts
PHYSICAL PROPERTIES							
Conductivity	625	umhos/cm		1.0		A2510 B	06/29/04 14:14 / dd
pH	7.06	s.u.		0.01		A4500-H B	06/29/04 14:14 / dd
Solids, Total Dissolved TDS @ 180 C	420	mg/L		10		A2540 C	06/29/04 14:28 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:43 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 19:23 / bws
Arsenic	0.020	mg/L		0.001		E200.8	07/13/04 19:23 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 19:23 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 19:23 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 19:23 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 19:23 / bws
Iron	0.5	mg/L		0.03		E200.7	06/29/04 14:43 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 19:23 / bws
Manganese	0.35	mg/L		0.01		E200.8	07/13/04 19:23 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 19:23 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 19:23 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 19:23 / bws
Selenium	0.018	mg/L		0.001		E200.8	07/13/04 19:23 / bws
Uranium	3.34	mg/L		0.0003		E200.8	07/13/04 19:23 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 19:23 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 19:23 / bws

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-006
 Client Sample ID: MP-28

Report Date: 07/15/04
 Collection Date: 06/28/04 13:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	396	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	6.4	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	3.60	%				Calculation	07/02/04 14:38 / smd
Anions	7.61	meq/L				Calculation	07/02/04 14:38 / smd
Cations	8.18	meq/L				Calculation	07/02/04 14:38 / smd
Solids, Total Dissolved Calculated	430	mg/L				Calculation	07/02/04 14:38 / smd
TDS Balance (0.80 - 1.20)	0.980	dec. %				Calculation	07/02/04 14:38 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-019
 Client Sample ID: MP-29

Report Date: 07/15/04
 Collection Date: 06/28/04 12:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	268	mg/L		1.0		A2320 B	07/12/04 10:35 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	07/12/04 10:35 / nlm
Bicarbonate as HCO3	328	mg/L		1.0		A2320 B	07/12/04 10:35 / nlm
Calcium	76.1	mg/L		1.0		E200.7	06/29/04 16:03 / ts
Chloride	18.8	mg/L		1.0		E200.7	06/29/04 16:03 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 15:07 / sib
Magnesium	16.5	mg/L		1.0		E200.7	06/29/04 16:03 / ts
Nitrogen, Ammonia as N	0.12	mg/L		0.05		A4500-NH3 G	06/29/04 12:21 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:47 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:47 / jal
Potassium	6.6	mg/L		1.0		E200.7	06/29/04 16:03 / ts
Silica	15.8	mg/L		0.1		E200.7	06/29/04 16:03 / ts
Sodium	46.1	mg/L		1.0		E200.7	06/29/04 16:03 / ts
Sulfate	39.8	mg/L		1.0		E200.7	06/29/04 16:03 / ts
PHYSICAL PROPERTIES							
Conductivity	674	umhos/cm		1.0		A2510 B	06/29/04 14:32 / dd
pH	7.23	s.u.		0.01		A4500-H B	06/29/04 14:32 / dd
Solids, Total Dissolved TDS @ 180 C	398	mg/L		10		A2540 C	06/29/04 14:32 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:03 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 23:48 / bws
Arsenic	0.025	mg/L		0.001		E200.8	07/13/04 23:48 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 23:48 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 23:48 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 23:48 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 23:48 / bws
Iron	0.2	mg/L		0.03		E200.7	06/29/04 16:03 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 23:48 / bws
Manganese	0.26	mg/L		0.01		E200.8	07/13/04 23:48 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 23:48 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 23:48 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 23:48 / bws
Selenium	0.005	mg/L		0.001		E200.8	07/13/04 23:48 / bws
Uranium	2.40	mg/L		0.0003		E200.8	07/13/04 23:48 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 23:48 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 23:48 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-019
 Client Sample ID: MP-29

Report Date: 07/15/04
 Collection Date: 06/28/04 12:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	175	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	6.3	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	4.34	%				Calculation	07/12/04 15:10 / smd
Anions	6.73	meq/L				Calculation	07/12/04 15:10 / smd
Cations	7.35	meq/L				Calculation	07/12/04 15:10 / smd
Solids, Total Dissolved Calculated	381	mg/L				Calculation	07/12/04 15:10 / smd
TDS Balance (0.80 - 1.20)	1.04	dec. %				Calculation	07/12/04 15:10 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-018
 Client Sample ID: MP-30

Report Date: 07/15/04
 Collection Date: 06/28/04 12:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	256	mg/L		1.0		A2320 B	06/30/04 11:54 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 11:54 / nlm
Bicarbonate as HCO3	312	mg/L		1.0		A2320 B	06/30/04 11:54 / nlm
Calcium	76.0	mg/L		1.0		E200.7	06/29/04 16:00 / ts
Chloride	17.3	mg/L		1.0		E200.7	06/29/04 16:00 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 15:04 / slb
Magnesium	16.1	mg/L		1.0		E200.7	06/29/04 16:00 / ts
Nitrogen, Ammonia as N	0.09	mg/L		0.05		A4500-NH3 G	06/29/04 12:19 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:45 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:45 / jal
Potassium	6.4	mg/L		1.0		E200.7	06/29/04 16:00 / ts
Silica	14.0	mg/L		0.1		E200.7	06/29/04 16:00 / ts
Sodium	47.7	mg/L		1.0		E200.7	06/29/04 16:00 / ts
Sulfate	59.0	mg/L		1.0		E200.7	06/29/04 16:00 / ts
PHYSICAL PROPERTIES							
Conductivity	674	umhos/cm		1.0		A2510 B	06/29/04 14:31 / dd
pH	7.38	s.u.		0.01		A4500-H B	06/29/04 14:31 / dd
Solids, Total Dissolved TDS @ 180 C	391	mg/L		10		A2540 C	06/29/04 14:32 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:00 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 23:41 / bws
Arsenic	0.016	mg/L		0.001		E200.8	07/13/04 23:41 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 23:41 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 23:41 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 23:41 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 23:41 / bws
Iron	0.6	mg/L		0.03		E200.7	06/29/04 16:00 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 23:41 / bws
Manganese	0.22	mg/L		0.01		E200.8	07/13/04 23:41 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 23:41 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 23:41 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 23:41 / bws
Selenium	0.002	mg/L		0.001		E200.8	07/13/04 23:41 / bws
Uranium	1.32	mg/L		0.0003		E200.8	07/13/04 23:41 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 23:41 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 23:41 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Subject: Smith Ranch - HUP
 Lab ID: C04061221-018
 Client Sample ID: MP-30

Report Date: 07/15/04
 Collection Date: 06/28/04 12:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	289	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	10.3	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	3.91	%				Calculation	07/02/04 14:41 / smd
Anions	6.83	meq/L				Calculation	07/02/04 14:41 / smd
Cations	7.38	meq/L				Calculation	07/02/04 14:41 / smd
Solids, Total Dissolved Calculated	390	mg/L				Calculation	07/02/04 14:41 / smd
TDS Balance (0.80 - 1.20)	1.00	dec. %				Calculation	07/02/04 14:41 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-010
 Client Sample ID: MP-31

Report Date: 07/15/04
 Collection Date: 06/28/04 13:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	274	mg/L		1.0		A2320 B	06/30/04 10:48 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 10:48 / nlm
Bicarbonate as HCO3	334	mg/L		1.0		A2320 B	06/30/04 10:48 / nlm
Calcium	88.2	mg/L		1.0		E200.7	06/29/04 14:55 / ts
Chloride	32.0	mg/L		1.0		E200.7	06/29/04 14:55 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 14:30 / slb
Magnesium	21.3	mg/L		1.0		E200.7	06/29/04 14:55 / ts
Nitrogen, Ammonia as N	0.25	mg/L		0.05		A4500-NH3 G	06/29/04 11:53 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 09:12 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 09:12 / jal
Potassium	6.9	mg/L		1.0		E200.7	06/29/04 14:55 / ts
Silica	10.0	mg/L		0.1		E200.7	06/29/04 14:55 / ts
Sodium	60.2	mg/L		1.0		E200.7	06/29/04 14:55 / ts
Sulfate	102	mg/L		1.0		E200.7	06/29/04 14:55 / ts
PHYSICAL PROPERTIES							
Conductivity	843	umhos/cm		1.0		A2510 B	06/29/04 14:21 / dd
pH	7.19	s.u.		0.01		A4500-H B	06/29/04 14:21 / dd
Solids, Total Dissolved TDS @ 180 C	467	mg/L		10		A2540 C	06/29/04 14:29 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:55 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 22:11 / bws
Arsenic	0.011	mg/L		0.001		E200.8	07/13/04 22:11 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 22:11 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 22:11 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 22:11 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 22:11 / bws
Iron	0.9	mg/L		0.03		E200.7	06/29/04 14:55 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 22:11 / bws
Manganese	0.22	mg/L		0.01		E200.8	07/13/04 22:11 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 22:11 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 22:11 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 22:11 / bws
Selenium	0.003	mg/L		0.001		E200.8	07/13/04 22:11 / bws
Uranium	1.66	mg/L		0.0003		E200.8	07/13/04 22:11 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 22:11 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 22:11 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-010
 Client Sample ID: MP-31

Report Date: 07/15/04
 Collection Date: 06/28/04 13:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	294	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	5.6	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	2.88	%				Calculation	07/02/04 14:39 / smd
Anions	8.50	meq/L				Calculation	07/02/04 14:39 / smd
Cations	9.00	meq/L				Calculation	07/02/04 14:39 / smd
Solids, Total Dissolved Calculated	485	mg/L				Calculation	07/02/04 14:39 / smd
TDS Balance (0.80 - 1.20)	0.960	dec. %				Calculation	07/02/04 14:39 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-026
 Client Sample ID: M-41

Report Date: 07/15/04
 Collection Date: 06/28/04 13:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	171	mg/L		1.0		A2320 B	06/30/04 15:21 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 15:21 / nlm
Bicarbonate as HCO3	209	mg/L		1.0		A2320 B	06/30/04 15:21 / nlm
Calcium	59.7	mg/L		1.0		E200.7	06/29/04 16:24 / ts
Chloride	10.4	mg/L		1.0		E200.7	06/29/04 16:24 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 15:32 / slb
Magnesium	12.5	mg/L		1.0		E200.7	06/29/04 16:24 / ts
Nitrogen, Ammonia as N	0.17	mg/L		0.05		A4500-NH3 G	06/29/04 12:47 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 10:22 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 10:22 / jal
Potassium	6.2	mg/L		1.0		E200.7	06/29/04 16:24 / ts
Silica	16.2	mg/L		0.1		E200.7	06/29/04 16:24 / ts
Sodium	57.6	mg/L		1.0		E200.7	06/29/04 16:24 / ts
Sulfate	130	mg/L		1.0		E200.7	06/29/04 16:24 / ts
PHYSICAL PROPERTIES							
Conductivity	636	umhos/cm		1.0		A2510 B	06/29/04 14:53 / dd
pH	7.57	s.u.		0.01		A4500-H B	06/29/04 14:53 / dd
Solids, Total Dissolved TDS @ 180 C	393	mg/L		10		A2540 C	06/29/04 14:34 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:24 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/14/04 01:33 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/14/04 01:33 / bws
Barium	ND	mg/L		0.1		E200.8	07/14/04 01:33 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/14/04 01:33 / bws
Chromium	ND	mg/L		0.05		E200.8	07/14/04 01:33 / bws
Copper	ND	mg/L		0.01		E200.8	07/14/04 01:33 / bws
Iron	0.05	mg/L		0.03		E200.7	06/29/04 16:24 / ts
Lead	ND	mg/L		0.05		E200.8	07/14/04 01:33 / bws
Manganese	0.03	mg/L		0.01		E200.8	07/14/04 01:33 / bws
Mercury	ND	mg/L		0.001		E200.8	07/14/04 01:33 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/14/04 01:33 / bws
Nickel	ND	mg/L		0.05		E200.8	07/14/04 01:33 / bws
Selenium	ND	mg/L		0.001		E200.8	07/14/04 01:33 / bws
Uranium	0.0230	mg/L		0.0003		E200.8	07/14/04 01:33 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/14/04 01:33 / bws
Zinc	ND	mg/L		0.01		E200.8	07/14/04 01:33 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-026
 Client Sample ID: M-41

Report Date: 07/15/04
 Collection Date: 06/28/04 13:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	3.8	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	0.9	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	2.07	%				Calculation	07/02/04 14:43 / smd
Anions	6.42	meq/L				Calculation	07/02/04 14:43 / smd
Cations	6.69	meq/L				Calculation	07/02/04 14:43 / smd
Solids, Total Dissolved Calculated	395	mg/L				Calculation	07/02/04 14:43 / smd
TDS Balance (0.80 - 1.20)	0.990	dec. %				Calculation	07/02/04 14:43 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Subject: Smith Ranch - HUP
 Lab ID: C04061221-024
 Client Sample ID: M-42

Report Date: 07/15/04
 Collection Date: 06/28/04 03:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	328	mg/L		1.0		A2320 B	06/30/04 15:01 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 15:01 / nlm
Bicarbonate as HCO3	401	mg/L		1.0		A2320 B	06/30/04 15:01 / nlm
Calcium	90.5	mg/L		1.0		E200.7	06/29/04 16:18 / ts
Chloride	14.2	mg/L		1.0		E200.7	06/29/04 16:18 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 15:26 / slb
Magnesium	18.7	mg/L		1.0		E200.7	06/29/04 16:18 / ts
Nitrogen, Ammonia as N	0.14	mg/L		0.05		A4500-NH3 G	06/29/04 12:37 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 10:07 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 10:07 / jal
Potassium	7.3	mg/L		1.0		E200.7	06/29/04 16:18 / ts
Silica	18.7	mg/L		0.1		E200.7	06/29/04 16:18 / ts
Sodium	71.1	mg/L		1.0		E200.7	06/29/04 16:18 / ts
Sulfate	99.2	mg/L		1.0		E200.7	06/29/04 16:18 / ts
PHYSICAL PROPERTIES							
Conductivity	843	umhos/cm		1.0		A2510 B	06/29/04 14:39 / dd
pH	7.39	s.u.		0.01		A4500-H B	06/29/04 14:39 / dd
Solids, Total Dissolved TDS @ 180 C	502	mg/L		10		A2540 C	06/29/04 14:33 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:18 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/14/04 01:19 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/14/04 01:19 / bws
Barium	ND	mg/L		0.1		E200.8	07/14/04 01:19 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/14/04 01:19 / bws
Chromium	ND	mg/L		0.05		E200.8	07/14/04 01:19 / bws
Copper	ND	mg/L		0.01		E200.8	07/14/04 01:19 / bws
Iron	0.04	mg/L		0.03		E200.7	06/29/04 16:18 / ts
Lead	ND	mg/L		0.05		E200.8	07/14/04 01:19 / bws
Manganese	0.04	mg/L		0.01		E200.8	07/14/04 01:19 / bws
Mercury	ND	mg/L		0.001		E200.8	07/14/04 01:19 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/14/04 01:19 / bws
Nickel	ND	mg/L		0.05		E200.8	07/14/04 01:19 / bws
Selenium	ND	mg/L		0.001		E200.8	07/14/04 01:19 / bws
Uranium	0.526	mg/L		0.0003		E200.8	07/14/04 01:19 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/14/04 01:19 / bws
Zinc	ND	mg/L		0.01		E200.8	07/14/04 01:19 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Subject: Smith Ranch - HUP
Lab ID: C04061221-024
Client Sample ID: M-42

Report Date: 07/15/04
Collection Date: 06/28/04 03:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	7.9	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	1.0	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	1.71	%				Calculation	07/02/04 14:43 / smd
Anions	9.03	meq/L				Calculation	07/02/04 14:43 / smd
Cations	9.34	meq/L				Calculation	07/02/04 14:43 / smd
Solids, Total Dissolved Calculated	517	mg/L				Calculation	07/02/04 14:43 / smd
TDS Balance (0.80 - 1.20)	0.970	dec. %				Calculation	07/02/04 14:43 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-003
 Client Sample ID: M-43

Report Date: 07/15/04
 Collection Date: 06/28/04 14:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	152	mg/L		1.0		A2320 B	06/30/04 09:34 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 09:34 / nlm
Bicarbonate as HCO3	185	mg/L		1.0		A2320 B	06/30/04 09:34 / nlm
Calcium	55.6	mg/L		1.0		E200.7	07/09/04 14:40 / cp
Chloride	9.4	mg/L		1.0		E200.7	06/29/04 14:25 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 11:12 / slb
Magnesium	11.6	mg/L		1.0		E200.7	07/09/04 14:40 / cp
Nitrogen, Ammonia as N	0.17	mg/L		0.05		A4500-NH3 G	06/29/04 11:33 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 08:47 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 08:47 / jal
Potassium	5.8	mg/L		1.0		E200.7	06/29/04 14:25 / ts
Silica	15.3	mg/L		0.1		E200.7	06/29/04 14:25 / ts
Sodium	49.0	mg/L		1.0		E200.7	07/09/04 14:40 / cp
Sulfate	110	mg/L		1.0		E200.7	07/09/04 14:40 / cp
PHYSICAL PROPERTIES							
Conductivity	654	umhos/cm		1.0		A2510 B	06/29/04 14:03 / dd
pH	7.87	s.u.		0.01		A4500-H B	06/29/04 14:03 / dd
Solids, Total Dissolved TDS @ 180 C	376	mg/L		10		A2540 C	06/29/04 14:28 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:25 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 19:02 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/13/04 19:02 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 19:02 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 19:02 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 19:02 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 19:02 / bws
Iron	ND	mg/L		0.03		E200.7	06/29/04 14:25 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 19:02 / bws
Manganese	0.03	mg/L		0.01		E200.8	07/13/04 19:02 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 19:02 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 19:02 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 19:02 / bws
Selenium	ND	mg/L		0.001		E200.8	07/13/04 19:02 / bws
Uranium	0.0234	mg/L		0.0003		E200.8	07/13/04 19:02 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 19:02 / bws
Zinc	0.01	mg/L		0.01		E200.8	07/13/04 19:02 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-003
 Client Sample ID: M-43

Report Date: 07/15/04
 Collection Date: 06/28/04 14:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	6.8	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	0.9	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	3.64	%				Calculation	07/12/04 10:54 / smd
Anions	5.60	meq/L				Calculation	07/12/04 10:54 / smd
Cations	6.02	meq/L				Calculation	07/12/04 10:54 / smd
Solids, Total Dissolved Calculated	348	mg/L				Calculation	07/12/04 10:54 / smd
TDS Balance (0.80 - 1.20)	1.08	dec. %				Calculation	07/12/04 10:54 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-002
 Client Sample ID: M-44

Report Date: 07/15/04
 Collection Date: 06/28/04 03:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	183	mg/L		1.0		A2320 B	06/30/04 09:09 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 09:09 / nlm
Bicarbonate as HCO3	224	mg/L		1.0		A2320 B	06/30/04 09:09 / nlm
Calcium	59.8	mg/L		1.0		E200.7	06/29/04 14:22 / ts
Chloride	13.6	mg/L		1.0		E200.7	06/29/04 14:22 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 11:09 / slb
Magnesium	13.2	mg/L		1.0		E200.7	06/29/04 14:22 / ts
Nitrogen, Ammonia as N	0.16	mg/L		0.05		A4500-NH3 G	06/29/04 11:31 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 08:45 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 08:45 / jal
Potassium	5.9	mg/L		1.0		E200.7	06/29/04 14:22 / ts
Silica	14.6	mg/L		0.1		E200.7	06/29/04 14:22 / ts
Sodium	55.5	mg/L		1.0		E200.7	06/29/04 14:22 / ts
Sulfate	105	mg/L		1.0		E200.7	06/29/04 14:22 / ts
PHYSICAL PROPERTIES							
Conductivity	680	umhos/cm		1.0		A2510 B	06/29/04 14:02 / dd
pH	7.90	s.u.		0.01		A4500-H B	06/29/04 14:02 / dd
Solids, Total Dissolved TDS @ 180 C	381	mg/L		1.0		A2540 C	06/29/04 14:27 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:22 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 18:55 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/13/04 18:55 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 18:55 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 18:55 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 18:55 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 18:55 / bws
Iron	ND	mg/L		0.03		E200.7	06/29/04 14:22 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 18:55 / bws
Manganese	0.02	mg/L		0.01		E200.8	07/13/04 18:55 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 18:55 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 18:55 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 18:55 / bws
Selenium	ND	mg/L		0.001		E200.8	07/13/04 18:55 / bws
Uranium	0.0283	mg/L		0.0003		E200.8	07/13/04 18:55 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 18:55 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 18:55 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-002
 Client Sample ID: M-44

Report Date: 07/15/04
 Collection Date: 06/28/04 03:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	5.9	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	0.8	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	3.18	%				Calculation	07/02/04 14:37 / smd
Anions	6.24	meq/L				Calculation	07/02/04 14:37 / smd
Cations	6.65	meq/L				Calculation	07/02/04 14:37 / smd
Solids, Total Dissolved Calculated	378	mg/L				Calculation	07/02/04 14:37 / smd
TDS Balance (0.80 - 1.20)	1.01	dec. %				Calculation	07/02/04 14:37 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Smith Ranch - HUP
 Lab ID: C04061221-025
 Client Sample ID: M-45

Report Date: 07/15/04
 Collection Date: 06/28/04 04:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	176	mg/L		1.0		A2320 B	06/30/04 15:10 / nlm
Carbonate as CO3	ND	mg/L		1.0		A2320 B	06/30/04 15:10 / nlm
Bicarbonate as HCO3	215	mg/L		1.0		A2320 B	06/30/04 15:10 / nlm
Calcium	56.7	mg/L		1.0		E200.7	06/29/04 16:21 / ts
Chloride	5.7	mg/L		1.0		E200.7	06/29/04 16:21 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	07/02/04 15:29 / slb
Magnesium	12.4	mg/L		1.0		E200.7	06/29/04 16:21 / ts
Nitrogen, Ammonia as N	0.18	mg/L		0.05		A4500-NH3 G	06/29/04 12:38 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	06/30/04 10:10 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 10:10 / jal
Potassium	5.8	mg/L		1.0		E200.7	06/29/04 16:21 / ts
Silica	14.3	mg/L		0.1		E200.7	06/29/04 16:21 / ts
Sodium	57.5	mg/L		1.0		E200.7	06/29/04 16:21 / ts
Sulfate	124	mg/L		1.0		E200.7	06/29/04 16:21 / ts
PHYSICAL PROPERTIES							
Conductivity	613	umhos/cm		1.0		A2510 B	06/29/04 14:52 / dd
pH	7.47	s.u.		0.01		A4500-H B	06/29/04 14:52 / dd
Solids, Total Dissolved TDS @ 180 C	374	mg/L		10		A2540 C	06/29/04 14:34 / js
METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 16:21 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/14/04 01:26 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/14/04 01:26 / bws
Barium	ND	mg/L		0.1		E200.8	07/14/04 01:26 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/14/04 01:26 / bws
Chromium	ND	mg/L		0.05		E200.8	07/14/04 01:26 / bws
Copper	ND	mg/L		0.01		E200.8	07/14/04 01:26 / bws
Iron	0.05	mg/L		0.03		E200.7	06/29/04 16:21 / ts
Lead	ND	mg/L		0.05		E200.8	07/14/04 01:26 / bws
Manganese	0.02	mg/L		0.01		E200.8	07/14/04 01:26 / bws
Mercury	ND	mg/L		0.001		E200.8	07/14/04 01:26 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/14/04 01:26 / bws
Nickel	ND	mg/L		0.05		E200.8	07/14/04 01:26 / bws
Selenium	ND	mg/L		0.001		E200.8	07/14/04 01:26 / bws
Uranium	0.0015	mg/L		0.0003		E200.8	07/14/04 01:26 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/14/04 01:26 / bws
Zinc	ND	mg/L		0.01		E200.8	07/14/04 01:26 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-025
Client Sample ID: M-45


Report Date: 07/15/04
Collection Date: 06/28/04 04:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	9.5	pCi/L		0.2		E903.0	07/02/04 13:30 / trs
Radium 226 precision (±)	1.1	pCi/L				E903.0	07/02/04 13:30 / trs
DATA QUALITY							
A/C Balance (± 5)	1.89	%				Calculation	07/02/04 14:43 / smd
Anions	6.27	meq/L				Calculation	07/02/04 14:43 / smd
Cations	6.51	meq/L				Calculation	07/02/04 14:43 / smd
Solids, Total Dissolved Calculated	382	mg/L				Calculation	07/02/04 14:43 / smd
TDS Balance (0.80 - 1.20)	0.980	dec. %				Calculation	07/02/04 14:43 / smd

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

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

LABORATORY ANALYTICAL REPORT


 Power Resources Inc
 Smith Ranch - HUP
 Lab ID: C04061221-001
 Client Sample ID: M-63

Report Date: 07/15/04
 Collection Date: 06/28/04 05:00
 Date Received: 06/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO ₃	300	mg/L		1.0		A2320 B	06/29/04 13:46 / nlm
Carbonate as CO ₃	ND	mg/L		1.0		A2320 B	06/29/04 13:46 / nlm
Bicarbonate as HCO ₃	366	mg/L		1.0		A2320 B	06/29/04 13:46 / nlm
Calcium	59.8	mg/L		1.0		E200.7	06/29/04 14:00 / ts
Chloride	9.3	mg/L		1.0		E200.7	06/29/04 14:00 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	07/02/04 11:05 / slb
Magnesium	14.0	mg/L		1.0		E200.7	06/29/04 14:00 / ts
Nitrogen, Ammonia as N	0.21	mg/L		0.05		A4500-NH3 G	06/29/04 11:29 / jal
Nitrogen, Nitrate+Nitrite as N	0.21	mg/L		0.10		E353.2	06/30/04 08:42 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	06/30/04 15:39 / dd
Potassium	5.9	mg/L		1.0		E200.7	06/29/04 14:00 / ts
Silica	16.8	mg/L		0.1		E200.7	06/29/04 14:00 / ts
Sodium	60.0	mg/L		1.0		E200.7	06/29/04 14:00 / ts
Sulfate	48.3	mg/L		1.0		E200.7	06/29/04 14:00 / ts

PHYSICAL PROPERTIES							
Specific Gravity	673	umhos/cm		1.0		A2510 B	06/29/04 14:00 / dd
pH	7.74	s.u.		0.01		A4500-H B	06/29/04 14:00 / dd
Solids, Total Dissolved TDS @ 180 C	366	mg/L		10		A2540 C	06/29/04 14:25 / js

METALS - DISSOLVED							
Boron	ND	mg/L		0.1		E200.7	06/29/04 14:00 / ts
Aluminum	ND	mg/L		0.1		E200.8	07/13/04 17:11 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/13/04 17:11 / bws
Barium	ND	mg/L		0.1		E200.8	07/13/04 17:11 / bws
Cadmium	ND	mg/L		0.005		E200.8	07/13/04 17:11 / bws
Chromium	ND	mg/L		0.05		E200.8	07/13/04 17:11 / bws
Copper	ND	mg/L		0.01		E200.8	07/13/04 17:11 / bws
Iron	ND	mg/L		0.03		E200.7	06/29/04 14:00 / ts
Lead	ND	mg/L		0.05		E200.8	07/13/04 17:11 / bws
Manganese	0.04	mg/L		0.01		E200.8	07/13/04 17:11 / bws
Mercury	ND	mg/L		0.001		E200.8	07/13/04 17:11 / bws
Molybdenum	ND	mg/L		0.1		E200.8	07/13/04 17:11 / bws
Nickel	ND	mg/L		0.05		E200.8	07/13/04 17:11 / bws
Selenium	ND	mg/L		0.001		E200.8	07/13/04 17:11 / bws
Uranium	0.185	mg/L		0.0003		E200.8	07/13/04 17:11 / bws
Vanadium	ND	mg/L		0.1		E200.8	07/13/04 17:11 / bws
Zinc	ND	mg/L		0.01		E200.8	07/13/04 17:11 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Smith Ranch - HUP
Lab ID: C04061221-001
Client Sample ID: M-63

Report Date: 07/15/04
Collection Date: 06/28/04 05:00
Date Received: 06/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	6.4	pCi/L		0.2		E903.0	07/01/04 15:50 / trs
Radium 226 precision (±)	0.8	pCi/L				E903.0	07/01/04 15:50 / trs
DATA QUALITY							
A/C Balance (± 5)	-2.62	%				Calculation	07/02/04 14:36 / smd
Anions	7.28	meq/L				Calculation	07/02/04 14:36 / smd
Cations	6.91	meq/L				Calculation	07/02/04 14:36 / smd
Solids, Total Dissolved Calculated	395	mg/L				Calculation	07/02/04 14:36 / smd
TDS Balance (0.80 - 1.20)	0.930	dec. %				Calculation	07/02/04 14:36 / smd

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04090083-013
Client Sample ID: BMP-11

Report Date: 09/15/04
Collection Date: 08/30/04 10:45
Date Received: 08/31/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO3	294	mg/L		1		A2320 B	09/07/04 11:04 / nlm
Chloride	7	mg/L		1		A4500-Cl B	09/03/04 13:32 / jl
PHYSICAL PROPERTIES							
Conductivity	567	umhos/cm		1.0		A2510 B	09/02/04 17:54 / dd
Solids, Total Dissolved TDS @ 180 C	400	mg/L		10		A2540 C	09/02/04 17:30 / dd
METALS - DISSOLVED							
Arsenic	0.020	mg/L		0.001		E200.8	09/12/04 03:51 / eli-b
Selenium	0.010	mg/L		0.001		E200.8	09/12/04 03:51 / eli-b
Uranium	6.32	mg/L		0.0003		E200.8	09/12/04 03:51 / eli-b

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04090083-014
 Client Sample ID: BMP-12

Report Date: 09/15/04
 Collection Date: 08/30/04 10:15
 Date Received: 08/31/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	281	mg/L		1		A2320 B	09/07/04 11:18 / nlm
Chloride	6	mg/L		1		A4500-Cl B	09/03/04 13:33 / jl
PHYSICAL PROPERTIES							
Conductivity	501	umhos/cm			1.0	A2510 B	09/02/04 17:55 / dd
Solids, Total Dissolved TDS @ 180 C	340	mg/L			10	A2540 C	09/02/04 17:31 / dd
METALS - DISSOLVED							
Arsenic	0.052	mg/L			0.001	E200.8	09/12/04 04:46 / eli-b
Selenium	0.011	mg/L			0.001	E200.8	09/12/04 04:46 / eli-b
Uranium	4.10	mg/L			0.0003	E200.8	09/12/04 04:46 / eli-b

Report
 Definitions:

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04090083-015
 Client Sample ID: BMP-13

Report Date: 09/15/04
 Collection Date: 08/30/04 11:00
 Date Received: 08/31/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	285	mg/L		1		A2320 B	09/07/04 11:30 / nlm
Chloride	23	mg/L		1		A4500-Cl B	09/03/04 13:34 / jl
PHYSICAL PROPERTIES							
Conductivity	633	umhos/cm		1.0		A2510 B	09/02/04 17:56 / dd
Solids, Total Dissolved TDS @ 180 C	424	mg/L		10		A2540 C	09/02/04 17:31 / dd
METALS - DISSOLVED							
Arsenic	0.024	mg/L		0.001		E200.8	09/12/04 04:53 / eli-b
Selenium	0.016	mg/L		0.001		E200.8	09/12/04 04:53 / eli-b
Uranium	2.11	mg/L		0.0003		E200.8	09/12/04 04:53 / eli-b

Report
 Definitions:

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04090083-016
Client Sample ID: BMP-14

Report Date: 09/15/04
Collection Date: 08/30/04 11:15
Date Received: 08/31/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	333	mg/L		1		A2320 B	09/07/04 11:57 / nlm
Chloride	15	mg/L		1		A4500-Cl B	09/03/04 13:48 / jl
PHYSICAL PROPERTIES							
Conductivity	700	umhos/cm		1.0		A2510 B	09/02/04 17:57 / dd
Solids, Total Dissolved TDS @ 180 C	487	mg/L		10		A2540 C	09/02/04 17:31 / dd
METALS - DISSOLVED							
Arsenic	0.154	mg/L		0.001		E200.8	09/12/04 05:00 / eli-b
Selenium	0.016	mg/L		0.001		E200.8	09/12/04 05:00 / eli-b
Uranium	4.37	mg/L		0.0003		E200.8	09/12/04 05:00 / eli-b

Port
Definitions:

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04090083-017
Client Sample ID: BMP-15

Report Date: 09/15/04
Collection Date: 08/30/04 11:30
Date Received: 08/31/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO3	294	mg/L		1		A2320 B	09/07/04 12:12 / nlm
Chloride	6	mg/L		1		A4500-Cl B	09/03/04 13:49 / jl
PHYSICAL PROPERTIES							
Conductivity	523	umhos/cm		1.0		A2510 B	09/02/04 17:58 / dd
Solids, Total Dissolved TDS @ 180 C	370	mg/L		10		A2540 C	09/02/04 17:31 / dd
METALS - DISSOLVED							
Arsenic	0.042	mg/L		0.001		E200.8	09/12/04 05:07 / eli-b
Selenium	0.006	mg/L		0.001		E200.8	09/12/04 05:07 / eli-b
Uranium	4.47	mg/L		0.0003		E200.8	09/12/04 05:07 / eli-b

Report
Definitions:

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04090083-018
Client Sample ID: BMP-16

Report Date: 09/15/04
Collection Date: 08/30/04 11:45
Date Received: 08/31/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	298	mg/L		1		A2320 B	09/07/04 12:25 / nlm
Chloride	4	mg/L		1		A4500-Cl B	09/03/04 13:49 / jl
PHYSICAL PROPERTIES							
Conductivity	475	umhos/cm		1.0		A2510 B	09/02/04 18:00 / dd
Solids, Total Dissolved TDS @ 180 C	327	mg/L		10		A2540 C	09/02/04 17:32 / dd
METALS - DISSOLVED							
Arsenic	0.043	mg/L		0.001		E200.8	09/12/04 05:14 / eli-b
Selenium	0.005	mg/L		0.001		E200.8	09/12/04 05:14 / eli-b
Uranium	0.944	mg/L		0.0003		E200.8	09/12/04 05:14 / eli-b

Definitions:

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

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



Sample → 10.0mg

*cc rsh
9/20/04*

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04090083-001
Client Sample ID: BMP-18

Report Date: 09/15/04
Collection Date: 08/30/04 08:25
Date Received: 08/31/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO3	456	mg/L		1		A2320 B	09/02/04 17:28 / nlm
Chloride	36	mg/L		1		A4500-Cl B	09/03/04 12:22 / jl
PHYSICAL PROPERTIES							
Conductivity	878	umhos/cm		1.0		A2510 B	09/02/04 17:09 / dd
Solids, Total Dissolved TDS @ 180 C	588	mg/L		10		A2540 C	09/02/04 17:22 / dd
METALS - DISSOLVED							
Arsenic	0.005	mg/L		0.001		E200.8	09/12/04 01:42 / eli-b
Selenium	0.011	mg/L		0.001		E200.8	09/12/04 01:42 / eli-b
Uranium	1.97	mg/L		0.0003		E200.8	09/12/04 01:42 / eli-b

Report Definitions:

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04090083-002
 Client Sample ID: BMP-19

Report Date: 09/15/04
 Collection Date: 08/30/04 08:40
 Date Received: 08/31/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	305	mg/L		1		A2320 B	09/02/04 17:39 / nlm
Chloride	13	mg/L		1		A4500-Cl B	09/03/04 12:27 / ji
PHYSICAL PROPERTIES							
Conductivity	546	umhos/cm		1.0		A2510 B	09/02/04 17:20 / dd
Solids, Total Dissolved TDS @ 180 C	371	mg/L		10		A2540 C	09/02/04 17:22 / dd
METALS - DISSOLVED							
Arsenic	0.016	mg/L		0.001		E200.8	09/12/04 01:48 / eli-b
Selenium	0.004	mg/L		0.001		E200.8	09/12/04 01:48 / eli-b
Uranium	0.502	mg/L		0.0003		E200.8	09/12/04 01:48 / eli-b



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04090083-003
 Client Sample ID: BMP-20

Report Date: 09/15/04
 Collection Date: 08/30/04 08:55
 Date Received: 08/31/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO3	227	mg/L		1		A2320 B	09/02/04 17:51 / nlm
Chloride	5	mg/L		1		A4500-Cl B	09/03/04 12:35 / jl
PHYSICAL PROPERTIES							
Conductivity	614	umhos/cm		1.0		A2510 B	09/02/04 17:23 / dd
Solids, Total Dissolved TDS @ 180 C	441	mg/L		10		A2540 C	09/02/04 17:24 / dd
METALS - DISSOLVED							
Arsenic	0.032	mg/L		0.001		E200.8	09/12/04 01:55 / eli-b
Selenium	0.004	mg/L		0.001		E200.8	09/12/04 01:55 / eli-b
Uranium	0.977	mg/L		0.0003		E200.8	09/12/04 01:55 / eli-b



Definitions:

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04090083-004
Client Sample ID: BMP-21

Report Date: 09/15/04
Collection Date: 08/30/04 09:37
Date Received: 08/31/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	366	mg/L		1		A2320 B	09/02/04 18:28 / nlm
Chloride	14	mg/L		1		A4500-Cl B	09/03/04 12:35 / jl
PHYSICAL PROPERTIES							
Conductivity	693	umhos/cm		1.0		A2510 B	09/02/04 17:26 / dd
Solids, Total Dissolved TDS @ 180 C	482	mg/L		10		A2540 C	09/02/04 17:25 / dd
METALS - DISSOLVED							
Arsenic	0.302	mg/L		0.001		E200.8	09/12/04 02:22 / eli-b
Selenium	0.002	mg/L		0.001		E200.8	09/12/04 02:22 / eli-b
Uranium	0.639	mg/L		0.0003		E200.8	09/12/04 02:22 / eli-b



Definitions:

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04090083-005
 Client Sample ID: BMP-22

Report Date: 09/15/04
 Collection Date: 08/30/04 09:07
 Date Received: 08/31/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	339	mg/L		1		A2320 B	09/02/04 18:39 / nlm
Chloride	10	mg/L		1		A4500-Cl B	09/03/04 12:36 / jl
PHYSICAL PROPERTIES							
Conductivity	579	umhos/cm		1.0		A2510 B	09/02/04 17:28 / dd
Solids, Total Dissolved TDS @ 180 C	398	mg/L		10		A2540 C	09/02/04 17:25 / dd
METALS - DISSOLVED							
Arsenic	0.146	mg/L		0.001		E200.8	09/12/04 02:57 / eli-b
Selenium	0.001	mg/L		0.001		E200.8	09/12/04 02:57 / eli-b
Uranium	1.22	mg/L		0.0003		E200.8	09/12/04 02:57 / eli-b

Report
 Definitions:

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04090083-006
 Client Sample ID: BMP-23

Report Date: 09/15/04
 Collection Date: 08/30/04 09:50
 Date Received: 08/31/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	255	mg/L		1		A2320 B	09/02/04 18:52 / nlm
Chloride	5	mg/L		1		A4500-Cl B	09/03/04 13:19 / jl
PHYSICAL PROPERTIES							
Conductivity	550	umhos/cm		1.0		A2510 B	09/02/04 17:31 / dd
Solids, Total Dissolved TDS @ 180 C	390	mg/L		10		A2540 C	09/02/04 17:26 / dd
METALS - DISSOLVED							
Arsenic	0.045	mg/L		0.001		E200.8	09/12/04 03:04 / eli-b
Selenium	0.016	mg/L		0.001		E200.8	09/12/04 03:04 / eli-b
Uranium	1.96	mg/L		0.0003		E200.8	09/12/04 03:04 / eli-b



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04090083-007
 Client Sample ID: BMP-24

Report Date: 09/15/04
 Collection Date: 08/30/04 10:05
 Date Received: 08/31/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	430	mg/L		1		A2320 B	09/02/04 19:04 / nlm
Chloride	12	mg/L		1		A4500-Cl B	09/03/04 13:19 / jl
PHYSICAL PROPERTIES							
Conductivity	692	umhos/cm		1.0		A2510 B	09/02/04 17:35 / dd
Solids, Total Dissolved TDS @ 180 C	497	mg/L		10		A2540 C	09/02/04 17:27 / dd
METALS - DISSOLVED							
Arsenic	0.033	mg/L		0.001		E200.8	09/12/04 03:11 / eli-b
Selenium	0.006	mg/L		0.001		E200.8	09/12/04 03:11 / eli-b
Uranium	0.315	mg/L		0.0003		E200.8	09/12/04 03:11 / eli-b

Report
 Definitions:

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04090083-008
Client Sample ID: BMP-25

Report Date: 09/15/04
Collection Date: 08/30/04 11:00
Date Received: 08/31/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	311	mg/L		1		A2320 B	09/02/04 19:16 / nlm
Chloride	8	mg/L		1		A4500-Cl B	09/03/04 13:20 / jl
PHYSICAL PROPERTIES							
Conductivity	655	umhos/cm		1.0		A2510 B	09/02/04 17:46 / dd
Solids, Total Dissolved TDS @ 180 C	492	mg/L		10		A2540 C	09/02/04 17:28 / dd
METALS - DISSOLVED							
Arsenic	0.020	mg/L		0.001		E200.8	09/12/04 03:18 / eli-b
Selenium	0.004	mg/L		0.001		E200.8	09/12/04 03:18 / eli-b
Uranium	0.587	mg/L		0.0003		E200.8	09/12/04 03:18 / eli-b

Report
Definitions:

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04090083-009
 Client Sample ID: BMP-26

Report Date: 09/15/04
 Collection Date: 08/30/04 10:55
 Date Received: 08/31/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	393	mg/L		1		A2320 B	09/07/04 09:39 / nlm
Chloride	2	mg/L		1		A4500-Cl B	09/03/04 13:21 / jl
PHYSICAL PROPERTIES							
Conductivity	603	umhos/cm		1.0		A2510 B	09/02/04 17:47 / dd
Solids, Total Dissolved TDS @ 180 C	408	mg/L		10		A2540 C	09/02/04 17:28 / dd
METALS - DISSOLVED							
Arsenic	0.009	mg/L		0.001		E200.8	09/12/04 03:24 / eli-b
Selenium	0.010	mg/L		0.001		E200.8	09/12/04 03:24 / eli-b
Uranium	0.914	mg/L		0.0003		E200.8	09/12/04 03:24 / eli-b

Report
 Definitions:

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04090083-010
 Client Sample ID: BMP-27

Report Date: 09/15/04
 Collection Date: 08/30/04 11:10
 Date Received: 08/31/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO3	396	mg/L		1		A2320 B	09/07/04 09:54 / nlm
Chloride	11	mg/L		1		A4500-Cl B	09/03/04 13:22 / jl
PHYSICAL PROPERTIES							
Conductivity	852	umhos/cm				A2510 B	09/02/04 17:48 / dd
Solids, Total Dissolved TDS @ 180 C	613	mg/L		10		A2540 C	09/02/04 17:28 / dd
METALS - DISSOLVED							
Arsenic	0.002	mg/L			0.001	E200.8	09/12/04 03:31 / eli-b
Selenium	0.017	mg/L			0.001	E200.8	09/12/04 03:31 / eli-b
Uranium	2.27	mg/L			0.0003	E200.8	09/12/04 03:31 / eli-b

Report
 Definitions:

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04090083-011
 Client Sample ID: BMP-28

Report Date: 09/15/04
 Collection Date: 08/30/04 09:22
 Date Received: 08/31/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO3	344	mg/L		1		A2320 B	09/07/04 10:07 / nlm
Chloride	13	mg/L		1		A4500-Cl B	09/03/04 13:31 / jl
PHYSICAL PROPERTIES							
Conductivity	647	umhos/cm		1.0		A2510 B	09/02/04 17:49 / dd
Solids, Total Dissolved TDS @ 180 C	443	mg/L		10		A2540 C	09/02/04 17:28 / dd
METALS - DISSOLVED							
Arsenic	0.015	mg/L		0.001		E200.8	09/12/04 03:38 / eli-b
Selenium	0.027	mg/L		0.001		E200.8	09/12/04 03:38 / eli-b
Uranium	2.29	mg/L		0.0003		E200.8	09/12/04 03:38 / eli-b

Report
 Definitions:

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04090083-019
Client Sample ID: BMP-29

Report Date: 09/15/04
Collection Date: 08/30/04 10:30
Date Received: 08/31/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	356	mg/L		1		A2320 B	09/07/04 12:37 / nlm
Chloride	14	mg/L		1		A4500-Cl B	09/03/04 13:50 / jl
PHYSICAL PROPERTIES							
Conductivity	628	umhos/cm		1.0		A2510 B	09/02/04 18:02 / dd
Solids, Total Dissolved TDS @ 180 C	429	mg/L		10		A2540 C	09/02/04 17:33 / dd
METALS - DISSOLVED							
Arsenic	0.026	mg/L		0.001		E200.8	09/12/04 05:20 / eli-b
Selenium	0.008	mg/L		0.001		E200.8	09/12/04 05:20 / eli-b
Uranium	4.34	mg/L		0.0003		E200.8	09/12/04 05:20 / eli-b

Report
Definitions:

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04090083-020
Client Sample ID: BMP-30

Report Date: 09/15/04
Collection Date: 08/30/04 10:00
Date Received: 08/31/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	388	mg/L		1		A2320 B	09/07/04 12:51 / nlm
Chloride	13	mg/L		1		A4500-Cl B	09/03/04 13:51 / jl
PHYSICAL PROPERTIES							
Conductivity	690	umhos/cm		1.0		A2510 B	09/02/04 18:03 / dd
Solids, Total Dissolved TDS @ 180 C	511	mg/L		10		A2540 C	09/02/04 17:33 / dd
METALS - DISSOLVED							
Arsenic	0.013	mg/L		0.001		E200.8	09/12/04 05:55 / eli-b
Selenium	0.006	mg/L		0.001		E200.8	09/12/04 05:55 / eli-b
Uranium	4.36	mg/L		0.0003		E200.8	09/13/04 13:26 / eli-b



Report
Definitions:

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04090083-012
Client Sample ID: BMP-31

Report Date: 09/15/04
Collection Date: 08/30/04 09:00
Date Received: 08/31/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	347	mg/L		1		A2320 B	09/07/04 10:19 / nlm
Chloride	29	mg/L		1		A4500-Cl B	09/03/04 13:31 / jl
PHYSICAL PROPERTIES							
Conductivity	779	umhos/cm		1.0		A2510 B	09/02/04 17:53 / dd
Solids, Total Dissolved TDS @ 180 C	531	mg/L		10		A2540 C	09/02/04 17:29 / dd
METALS - DISSOLVED							
Arsenic	0.007	mg/L		0.001		E200.8	09/12/04 03:45 / eli-b
Selenium	0.003	mg/L		0.001		E200.8	09/12/04 03:45 / eli-b
Uranium	2.19	mg/L		0.0003		E200.8	09/12/04 03:45 / eli-b

Report
Definitions:

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-019
 Client Sample ID: BMP-11

Report Date: 10/20/04
 Collection Date: 09/27/04 11:40
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	247	mg/L		1		A2320 B	10/04/04 12:02 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/04/04 12:02 / nlm
Bicarbonate as HCO3	301	mg/L		1		A2320 B	10/04/04 12:02 / nlm
Calcium	67	mg/L		1		E200.7	10/08/04 14:35 / ts
Chloride	5	mg/L		1		E200.7	10/08/04 14:35 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	10/06/04 13:14 / nlm
Magnesium	14	mg/L		1		E200.7	10/08/04 14:35 / ts
Nitrogen, Ammonia as N	0.58	mg/L		0.05		A4500-NH3 G	09/28/04 14:13 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 12:06 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 12:06 / jal
Potassium	5	mg/L		1		E200.7	10/08/04 14:35 / ts
Silica	13.7	mg/L		0.1		E200.7	10/08/04 14:35 / ts
Sodium	44	mg/L		1		E200.7	10/08/04 14:35 / ts
Sulfate	68	mg/L		1		E200.7	10/08/04 14:35 / ts
PHYSICAL PROPERTIES							
Conductivity	616	umhos/cm		1.0		A2510 B	09/28/04 14:56 / dd
pH	6.97	s.u.		0.01		A4500-H B	09/28/04 14:56 / dd
Solids, Total Dissolved TDS @ 180 C	395	mg/L		10		A2540 C	09/28/04 17:45 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 14:35 / ts
Arsenic	0.017	mg/L		0.001		E200.8	10/14/04 10:27 / bws
Barium	ND	mg/L		0.1		E200.7	10/08/04 14:35 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 14:35 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 10:27 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 14:35 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 10:27 / bws
Iron	0.33	mg/L		0.03		E200.7	10/08/04 14:35 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 10:27 / bws
Manganese	0.21	mg/L		0.01		E200.7	10/08/04 14:35 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 10:27 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 14:35 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 10:27 / bws
Selenium	0.016	mg/L		0.001		E200.8	10/14/04 10:27 / bws
Uranium	7.75	mg/L		0.0003		E200.8	10/14/04 10:27 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 14:35 / ts
Zinc	ND	mg/L		0.01		E200.7	10/08/04 14:35 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04091088-019
Client Sample ID: BMP-11

Report Date: 10/20/04
Collection Date: 09/27/04 11:40
Date Received: 09/27/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	339	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	12.2	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	0.575	%				Calculation	10/11/04 11:41 / smd
Anions	6.51	meq/L				Calculation	10/11/04 11:41 / smd
Cations	6.59	meq/L				Calculation	10/11/04 11:41 / smd
Solids, Total Dissolved Calculated	366	mg/L				Calculation	10/11/04 11:41 / smd
TDS Balance (0.80 - 1.20)	1.08	dec. %				Calculation	10/11/04 11:41 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-020
 Client Sample ID: BMP-12

Report Date: 10/20/04
 Collection Date: 09/27/04 12:10
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	231	mg/L		1		A2320 B	10/04/04 12:41 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/04/04 12:41 / nlm
Bicarbonate as HCO3	282	mg/L		1		A2320 B	10/04/04 12:41 / nlm
Calcium	59	mg/L		1		E200.7	10/08/04 14:38 / ts
Chloride	5	mg/L		1		E200.7	10/08/04 14:38 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	10/06/04 13:17 / nlm
Magnesium	12	mg/L		1		E200.7	10/08/04 14:38 / ts
Nitrogen, Ammonia as N	0.59	mg/L		0.05		A4500-NH3 G	09/28/04 14:15 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 12:08 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 12:08 / jal
Potassium	4	mg/L		1		E200.7	10/08/04 14:38 / ts
Silica	13.1	mg/L		0.1		E200.7	10/08/04 14:38 / ts
Sodium	34	mg/L		1		E200.7	10/08/04 14:38 / ts
Iron	38	mg/L		1		E200.7	10/08/04 14:38 / ts
PHYSICAL PROPERTIES							
Conductivity	537	umhos/cm		1.0		A2510 B	09/28/04 15:05 / dd
pH	6.69	s.u.		0.01		A4500-H B	09/28/04 15:05 / dd
Solids, Total Dissolved TDS @ 180 C	325	mg/L		10		A2540 C	09/28/04 17:46 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 14:38 / ts
Arsenic	0.054	mg/L		0.001		E200.8	10/14/04 11:23 / bws
Barium	ND	mg/L		0.1		E200.7	10/08/04 14:38 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 14:38 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 11:23 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 14:38 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 11:23 / bws
Iron	0.70	mg/L		0.03		E200.7	10/08/04 14:38 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 11:23 / bws
Manganese	0.36	mg/L		0.01		E200.7	10/08/04 14:38 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 11:23 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 14:38 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 11:23 / bws
Selenium	0.012	mg/L		0.001		E200.8	10/14/04 11:23 / bws
Uranium	3.62	mg/L		0.0003		E200.8	10/14/04 11:23 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 14:38 / ts
Zinc	ND	mg/L		0.01		E200.7	10/08/04 14:38 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-020
 Client Sample ID: BMP-12

Report Date: 10/20/04
 Collection Date: 09/27/04 12:10
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	460	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	16.5	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	0.923	%				Calculation	10/11/04 11:42 / smd
Anions	5.56	meq/L				Calculation	10/11/04 11:42 / smd
Cations	5.66	meq/L				Calculation	10/11/04 11:42 / smd
Solids, Total Dissolved Calculated	305	mg/L				Calculation	10/11/04 11:42 / smd
TDS Balance (0.80 - 1.20)	1.07	dec. %				Calculation	10/11/04 11:42 / smd

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-010
 Client Sample ID: BMP-13

Report Date: 10/20/04
 Collection Date: 09/27/04 12:20
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	231	mg/L		1		A2320 B	10/04/04 10:04 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/04/04 10:04 / nlm
Bicarbonate as HCO3	282	mg/L		1		A2320 B	10/04/04 10:04 / nlm
Calcium	68	mg/L		1		E200.7	10/08/04 13:31 / ts
Chloride	24	mg/L		1		E200.7	10/08/04 13:31 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	10/06/04 12:40 / nlm
Magnesium	15	mg/L		1		E200.7	10/08/04 13:31 / ts
Nitrogen, Ammonia as N.	0.38	mg/L		0.05		A4500-NH3 G	09/28/04 13:45 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 11:31 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 11:31 / jal
Potassium	5	mg/L		1		E200.7	10/08/04 13:31 / ts
Silica	12.2	mg/L		0.1		E200.7	10/08/04 13:31 / ts
Sodium	48	mg/L		1		E200.7	10/08/04 13:31 / ts
Sulfate	78	mg/L		1		E200.7	10/08/04 13:31 / ts
PHYSICAL PROPERTIES							
Conductivity	670	umhos/cm		1.0		A2510 B	09/28/04 13:54 / dd
pH	6.77	s.u.		0.01		A4500-H B	09/28/04 13:54 / dd
Solids, Total Dissolved TDS @ 180 C	402	mg/L		10		A2540 C	09/28/04 17:42 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 13:31 / ts
Arsenic	0.022	mg/L		0.001		E200.8	10/14/04 07:31 / bws
Barium	ND	mg/L		0.1		E200.7	10/08/04 13:31 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 13:31 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 07:31 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 13:31 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 07:31 / bws
Iron	0.27	mg/L		0.03		E200.7	10/08/04 13:31 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 07:31 / bws
Manganese	0.32	mg/L		0.01		E200.7	10/08/04 13:31 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 07:31 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 13:31 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 07:31 / bws
Selenium	0.019	mg/L		0.001		E200.8	10/14/04 07:31 / bws
Uranium	1.92	mg/L		0.0003		E200.8	10/14/04 07:31 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 13:31 / ts
Zinc	ND	mg/L		0.01		E200.7	10/08/04 13:31 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04091088-010
Client Sample ID: BMP-13

Report Date: 10/20/04
Collection Date: 09/27/04 12:20
Date Received: 09/27/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	327	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	11.8	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	0.072	%				Calculation	10/11/04 11:39 / smd
Anions	6.92	meq/L				Calculation	10/11/04 11:39 / smd
Cations	6.93	meq/L				Calculation	10/11/04 11:39 / smd
Solids, Total Dissolved Calculated	389	mg/L				Calculation	10/11/04 11:39 / smd
TDS Balance (0.80 - 1.20)	1.03	dec. %				Calculation	10/11/04 11:39 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-002
 Client Sample ID: BMP-14

Report Date: 10/20/04
 Collection Date: 09/27/04 12:30
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	270	mg/L		1		A2320 B	10/01/04 19:10 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/01/04 19:10 / nlm
Bicarbonate as HCO3	329	mg/L		1		A2320 B	10/01/04 19:10 / nlm
Calcium	84	mg/L		1		E200.7	10/08/04 12:58 / ts
Chloride	15	mg/L		1		E200.7	10/08/04 12:58 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	10/06/04 12:06 / nlm
Magnesium	19	mg/L		1		E200.7	10/08/04 12:58 / ts
Nitrogen, Ammonia as N	0.57	mg/L		0.05		A4500-NH3 G	09/28/04 13:23 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 11:03 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 11:03 / jal
Potassium	6	mg/L		1		E200.7	10/08/04 12:58 / ts
Silica	14.8	mg/L		0.1		E200.7	10/08/04 12:58 / ts
Sulfate	50	mg/L		1		E200.7	10/08/04 12:58 / ts
Sulfate	100	mg/L		1		E200.7	10/08/04 12:58 / ts
PHYSICAL PROPERTIES							
Conductivity	765	umhos/cm		1.0		A2510 B	09/28/04 13:21 / dd
pH	6.50	s.u.		0.01		A4500-H B	09/28/04 13:21 / dd
Solids, Total Dissolved TDS @ 180 C	460	mg/L		10		A2540 C	09/28/04 17:36 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 12:58 / ts
Arsenic	0.183	mg/L		0.001		E200.8	10/14/04 04:16 / bws
Barium	ND	mg/L		0.1		E200.7	10/08/04 12:58 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 12:58 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 04:16 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 12:58 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 04:16 / bws
Iron	1.82	mg/L		0.03		E200.7	10/08/04 12:58 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 04:16 / bws
Manganese	0.39	mg/L		0.01		E200.7	10/08/04 12:58 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 04:16 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 12:58 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 04:16 / bws
Selenium	0.025	mg/L		0.001		E200.8	10/14/04 04:16 / bws
Uranium	4.34	mg/L		0.0003		E200.8	10/14/04 04:16 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 12:58 / ts
	ND	mg/L		0.01		E200.7	10/08/04 12:58 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-002
 Client Sample ID: BMP-14

Report Date: 10/20/04
 Collection Date: 09/27/04 12:30
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	700	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	25.1	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	2.09	%				Calculation	10/11/04 11:36 / smd
Anions	7.91	meq/L				Calculation	10/11/04 11:36 / smd
Cations	8.24	meq/L				Calculation	10/11/04 11:36 / smd
Solids, Total Dissolved Calculated	451	mg/L				Calculation	10/11/04 11:36 / smd
TDS Balance (0.80 - 1.20)	1.02	dec. %				Calculation	10/11/04 11:36 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-013
 Client Sample ID: BMP-15

Report Date: 10/20/04
 Collection Date: 09/27/04 12:40
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	232	mg/L		1		A2320 B	10/04/04 10:39 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/04/04 10:39 / nlm
Bicarbonate as HCO3	283	mg/L		1		A2320 B	10/04/04 10:39 / nlm
Calcium	58	mg/L		1		E200.7	10/08/04 14:07 / ts
Chloride	6	mg/L		1		E200.7	10/08/04 14:07 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	10/06/04 12:51 / nlm
Magnesium	12	mg/L		1		E200.7	10/08/04 14:07 / ts
Nitrogen, Ammonia as N	1.05	mg/L		0.05		A4500-NH3 G	09/28/04 13:55 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 11:43 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 11:43 / jal
Potassium	4	mg/L		1		E200.7	10/08/04 14:07 / ts
Silica	13.9	mg/L		0.1		E200.7	10/08/04 14:07 / ts
Sodium	38	mg/L		1		E200.7	10/08/04 14:07 / ts
Sulfate	39	mg/L		1		E200.7	10/08/04 14:07 / ts
PHYSICAL PROPERTIES							
Conductivity	557	umhos/cm		1.0		A2510 B	09/28/04 14:06 / dd
pH	6.78	s.u.		0.01		A4500-H B	09/28/04 14:06 / dd
Solids, Total Dissolved TDS @ 180 C	343	mg/L		10		A2540 C	09/28/04 17:42 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 14:07 / ts
Arsenic	0.035	mg/L		0.001		E200.8	10/14/04 08:20 / bws
Barium	ND	mg/L		0.1		E200.7	10/08/04 14:07 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 14:07 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 08:20 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 14:07 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 08:20 / bws
Iron	0.31	mg/L		0.03		E200.7	10/08/04 14:07 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 08:20 / bws
Manganese	0.28	mg/L		0.01		E200.7	10/08/04 14:07 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 08:20 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 14:07 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 08:20 / bws
Selenium	0.010	mg/L		0.001		E200.8	10/14/04 08:20 / bws
Uranium	3.91	mg/L		0.0003		E200.8	10/14/04 08:20 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 14:07 / ts
Zinc	ND	mg/L		0.01		E200.7	10/08/04 14:07 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04091088-013
Client Sample ID: BMP-15

Report Date: 10/20/04
Collection Date: 09/27/04 12:40
Date Received: 09/27/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	456	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	16.4	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	1.25	%				Calculation	10/11/04 11:40 / smd
Anions	5.63	meq/L				Calculation	10/11/04 11:40 / smd
Cations	5.77	meq/L				Calculation	10/11/04 11:40 / smd
Solids, Total Dissolved Calculated	311	mg/L				Calculation	10/11/04 11:40 / smd
TDS Balance (0.80 - 1.20)	1.10	dec. %				Calculation	10/11/04 11:40 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-001
 Client Sample ID: BMP-16

Report Date: 10/20/04
 Collection Date: 09/27/04 12:50
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	239	mg/L		1		A2320 B	10/01/04 18:31 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/01/04 18:31 / nlm
Bicarbonate as HCO3	292	mg/L		1		A2320 B	10/01/04 18:31 / nlm
Calcium	49	mg/L		1		E200.7	10/08/04 12:54 / ts
Chloride	4	mg/L		1		E200.7	10/08/04 12:54 / ts
Fluoride	ND	mg/L		0.1		A4500-F C	10/06/04 12:02 / nlm
Magnesium	11	mg/L		1		E200.7	10/08/04 12:54 / ts
Nitrogen, Ammonia as N	0.18	mg/L		0.05		A4500-NH3 G	09/28/04 13:21 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 11:01 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 11:01 / jal
Potassium	3	mg/L		1		E200.7	10/08/04 12:54 / ts
Silica	16.6	mg/L		0.1		E200.7	10/08/04 12:54 / ts
Sodium	49	mg/L		1		E200.7	10/08/04 12:54 / ts
Iron	17	mg/L		1		E200.7	10/08/04 12:54 / ts
PHYSICAL PROPERTIES							
Conductivity	451	umhos/cm		1.0		A2510 B	09/28/04 13:18 / dd
pH	6.62	s.u.		0.01		A4500-H B	09/28/04 13:18 / dd
Solids, Total Dissolved TDS @ 180 C	296	mg/L		10		A2540 C	09/28/04 17:36 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 12:54 / ts
Arsenic	0.056	mg/L		0.001		E200.8	10/14/04 04:09 / bws
Barium	ND	mg/L		0.1		E200.7	10/08/04 12:54 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 12:54 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 04:09 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 12:54 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 04:09 / bws
Iron	2.16	mg/L		0.03		E200.7	10/08/04 12:54 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 04:09 / bws
Manganese	0.64	mg/L		0.01		E200.7	10/08/04 12:54 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 04:09 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 12:54 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 04:09 / bws
Selenium	0.004	mg/L		0.001		E200.8	10/14/04 04:09 / bws
Uranium	1.20	mg/L		0.0003		E200.8	10/14/04 04:09 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 12:54 / ts
Zinc	ND	mg/L		0.01		E200.7	10/08/04 12:54 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-001
 Client Sample ID: BMP-16

Report Date: 10/20/04
 Collection Date: 09/27/04 12:50
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	410	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	14.7	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	4.45	%				Calculation	10/11/04 11:36 / smd
Anions	5.25	meq/L				Calculation	10/11/04 11:36 / smd
Cations	5.74	meq/L				Calculation	10/11/04 11:36 / smd
Solids, Total Dissolved Calculated	294	mg/L				Calculation	10/11/04 11:36 / smd
TDS Balance (0.80 - 1.20)	1.01	dec. %				Calculation	10/11/04 11:36 / smd

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-015
 Client Sample ID: BMP-18

Report Date: 10/20/04
 Collection Date: 09/27/04 12:35
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	383	mg/L		1		A2320 B	10/04/04 11:16 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/04/04 11:16 / nlm
Bicarbonate as HCO3	467	mg/L		1		A2320 B	10/04/04 11:16 / nlm
Calcium	115	mg/L		1		E200.7	10/08/04 14:14 / ts
Chloride	34	mg/L		1		E200.7	10/08/04 14:14 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	10/06/04 12:57 / nlm
Magnesium	27	mg/L		1		E200.7	10/08/04 14:14 / ts
Nitrogen, Ammonia as N	0.43	mg/L		0.05		A4500-NH3 G	09/28/04 13:59 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 11:48 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 11:48 / jal
Potassium	8	mg/L		1		E200.7	10/08/04 14:14 / ts
Silica	14.8	mg/L		0.1		E200.7	10/08/04 14:14 / ts
Sodium	47	mg/L		1		E200.7	10/08/04 14:14 / ts
Sulfate	74	mg/L		1		E200.7	10/08/04 14:14 / ts
PHYSICAL PROPERTIES							
Conductivity	910	umhos/cm		1.0		A2510 B	09/28/04 14:14 / dd
pH	6.68	s.u.		0.01		A4500-H B	09/28/04 14:14 / dd
Solids, Total Dissolved TDS @ 180 C	572	mg/L		10		A2540 C	09/28/04 17:43 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 14:14 / ts
Arsenic	0.005	mg/L		0.001		E200.8	10/14/04 08:34 / bws
Barium	ND	mg/L		0.1		E200.7	10/08/04 14:14 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 14:14 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 08:34 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 14:14 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 08:34 / bws
Iron	0.34	mg/L		0.03		E200.7	10/08/04 14:14 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 08:34 / bws
Manganese	0.38	mg/L		0.01		E200.7	10/08/04 14:14 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 08:34 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 14:14 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 08:34 / bws
Selenium	0.009	mg/L		0.001		E200.8	10/14/04 08:34 / bws
Uranium	2.16	mg/L		0.0003		E200.8	10/14/04 08:34 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 14:14 / ts
Zinc	ND	mg/L		0.01		E200.7	10/08/04 14:14 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-015
 Client Sample ID: BMP-18

Report Date: 10/20/04
 Collection Date: 09/27/04 12:35
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	501	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	18.0	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	0.599	%				Calculation	10/11/04 11:40 / smd
Anions	10.2	meq/L				Calculation	10/11/04 11:40 / smd
Cations	10.3	meq/L				Calculation	10/11/04 11:40 / smd
Solids, Total Dissolved Calculated	549	mg/L				Calculation	10/11/04 11:40 / smd
TDS Balance (0.80 - 1.20)	1.04	dec. %				Calculation	10/11/04 11:40 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-006
 Client Sample ID: BMP-19

Report Date: 10/20/04
 Collection Date: 09/27/04 12:20
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	261	mg/L		1		A2320 B	10/04/04 09:11 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/04/04 09:11 / nlm
Bicarbonate as HCO3	319	mg/L		1		A2320 B	10/04/04 09:11 / nlm
Calcium	56	mg/L		1		E200.7	10/08/04 13:19 / ts
Chloride	12	mg/L		1		E200.7	10/08/04 13:19 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	10/06/04 12:25 / nlm
Magnesium	13	mg/L		1		E200.7	10/08/04 13:19 / ts
Nitrogen, Ammonia as N	0.70	mg/L		0.05		A4500-NH3 G	09/28/04 13:37 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 11:21 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 11:21 / jal
Potassium	5	mg/L		1		E200.7	10/08/04 13:19 / ts
Silica	20.3	mg/L		0.1		E200.7	10/08/04 13:19 / ts
Sodium	39	mg/L		1		E200.7	10/08/04 13:19 / ts
Sulfate	29	mg/L		1		E200.7	10/08/04 13:19 / ts
PHYSICAL PROPERTIES							
Conductivity	605	umhos/cm		1.0		A2510 B	09/28/04 13:41 / dd
pH	6.36	s.u.		0.01		A4500-H B	09/28/04 13:41 / dd
Solids, Total Dissolved TDS @ 180 C	348	mg/L		10		A2540 C	09/28/04 17:38 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 13:19 / ts
Arsenic	0.019	mg/L		0.001		E200.8	10/14/04 06:43 / bws
Barium	ND	mg/L		0.1		E200.7	10/08/04 13:19 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 13:19 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 06:43 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 13:19 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 06:43 / bws
Iron	4.72	mg/L		0.03		E200.7	10/08/04 13:19 / ts
Lead	ND	mg/L		0.05		E200.7	10/08/04 13:19 / ts
Manganese	0.26	mg/L		0.01		E200.7	10/08/04 13:19 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 06:43 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 13:19 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 06:43 / bws
Selenium	0.003	mg/L		0.001		E200.8	10/14/04 06:43 / bws
Uranium	0.536	mg/L		0.0003		E200.8	10/14/04 06:43 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 13:19 / ts
Zinc	0.01	mg/L		0.01		E200.7	10/08/04 13:19 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04091088-006
Client Sample ID: BMP-19

Report Date: 10/20/04
Collection Date: 09/27/04 12:20
Date Received: 09/27/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	367	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	13.2	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	-2.11	%				Calculation	10/11/04 11:37 / smd
Anions	6.18	meq/L				Calculation	10/11/04 11:37 / smd
Cations	5.93	meq/L				Calculation	10/11/04 11:37 / smd
Solids, Total Dissolved Calculated	331	mg/L				Calculation	10/11/04 11:37 / smd
TDS Balance (0.80 - 1.20)	1.05	dec. %				Calculation	10/11/04 11:37 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-009
 Client Sample ID: BMP-20

Report Date: 10/20/04
 Collection Date: 09/27/04 13:30
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	238	mg/L		1		A2320 B	10/04/04 15:22 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/04/04 15:22 / nlm
Bicarbonate as HCO3	290	mg/L		1		A2320 B	10/04/04 15:22 / nlm
Calcium	68	mg/L		1		E200.7	10/08/04 13:28 / ts
Chloride	4	mg/L		1		E200.7	10/08/04 13:28 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	10/06/04 12:37 / nlm
Magnesium	12	mg/L		1		E200.7	10/08/04 13:28 / ts
Nitrogen, Ammonia as N	0.63	mg/L		0.05		A4500-NH3 G	09/28/04 13:43 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 11:28 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 11:28 / jal
Potassium	4	mg/L		1		E200.7	10/08/04 13:28 / ts
Silica	16.4	mg/L		0.1		E200.7	10/08/04 13:28 / ts
Strontium	60	mg/L		1		E200.7	10/08/04 13:28 / ts
Sulfate	101	mg/L		1		E200.7	10/08/04 13:28 / ts
PHYSICAL PROPERTIES							
Conductivity	679	umhos/cm		1.0		A2510 B	09/28/04 13:52 / dd
pH	6.64	s.u.		0.01		A4500-H B	09/28/04 13:52 / dd
Solids, Total Dissolved TDS @ 180 C	426	mg/L		10		A2540 C	09/28/04 17:39 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 13:28 / ts
Arsenic	0.037	mg/L		0.001		E200.8	10/14/04 07:03 / bws
Barium	ND	mg/L		0.1		E200.7	10/08/04 13:28 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 13:28 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 07:03 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 13:28 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 07:03 / bws
Iron	1.38	mg/L		0.03		E200.7	10/08/04 13:28 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 07:03 / bws
Manganese	0.83	mg/L		0.01		E200.7	10/08/04 13:28 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 07:03 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 13:28 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 07:03 / bws
Selenium	0.003	mg/L		0.001		E200.8	10/14/04 07:03 / bws
Uranium	1.52	mg/L		0.0003		E200.8	10/14/04 07:03 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 13:28 / ts
	ND	mg/L		0.01		E200.7	10/08/04 13:28 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-009
 Client Sample ID: BMP-20

Report Date: 10/20/04
 Collection Date: 09/27/04 13:30
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	586	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	21.0	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	1.68	%				Calculation	10/11/04 11:38 / smd
Anions	6.99	meq/L				Calculation	10/11/04 11:38 / smd
Cations	7.23	meq/L				Calculation	10/11/04 11:38 / smd
Solids, Total Dissolved Calculated	408	mg/L				Calculation	10/11/04 11:38 / smd
TDS Balance (0.80 - 1.20)	1.04	dec. %				Calculation	10/11/04 11:38 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-014
 Client Sample ID: BMP-21

Report Date: 10/20/04
 Collection Date: 09/27/04 10:25
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	310	mg/L		1		A2320 B	10/04/04 11:06 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/04/04 11:06 / nlm
Bicarbonate as HCO3	378	mg/L		1		A2320 B	10/04/04 11:06 / nlm
Calcium	97	mg/L		1		E200.7	10/08/04 14:11 / ts
Chloride	13	mg/L		1		E200.7	10/08/04 14:11 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	10/06/04 12:54 / nlm
Magnesium	18	mg/L		1		E200.7	10/08/04 14:11 / ts
Nitrogen, Ammonia as N	0.77	mg/L		0.05		A4500-NH3 G	09/28/04 13:57 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 11:46 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 11:46 / jal
Potassium	5	mg/L		1		E200.7	10/08/04 14:11 / ts
Silica	19.2	mg/L		0.1		E200.7	10/08/04 14:11 / ts
Sodium	32	mg/L		1		E200.7	10/08/04 14:11 / ts
Sulfate	60	mg/L		1		E200.7	10/08/04 14:11 / ts
PHYSICAL PROPERTIES							
Conductivity	738	umhos/cm		1.0		A2510 B	09/28/04 14:08 / dd
pH	6.32	s.u.		0.01		A4500-H B	09/28/04 14:08 / dd
Solids, Total Dissolved TDS @ 180 C	460	mg/L		10		A2540 C	09/28/04 17:43 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 14:11 / ts
Arsenic	0.349	mg/L		0.001		E200.8	10/14/04 08:27 / bws
Barium	0.2	mg/L		0.1		E200.7	10/08/04 14:11 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 14:11 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 08:27 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 14:11 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 08:27 / bws
Iron	3.58	mg/L		0.03		E200.7	10/08/04 14:11 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 08:27 / bws
Manganese	0.99	mg/L		0.01		E200.7	10/08/04 14:11 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 08:27 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 14:11 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 08:27 / bws
Selenium	ND	mg/L		0.001		E200.8	10/14/04 08:27 / bws
Uranium	0.632	mg/L		0.0003		E200.8	10/14/04 08:27 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 14:11 / ts
Zinc	0.01	mg/L		0.01		E200.7	10/08/04 14:11 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04091088-014
Client Sample ID: BMP-21

Report Date: 10/20/04
Collection Date: 09/27/04 10:25
Date Received: 09/27/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	1510	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	53.9	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	1.66	%				Calculation	10/11/04 11:40 / smd
Anions	7.82	meq/L				Calculation	10/11/04 11:40 / smd
Cations	8.09	meq/L				Calculation	10/11/04 11:40 / smd
Solids, Total Dissolved Calculated	430	mg/L				Calculation	10/11/04 11:40 / smd
TDS Balance (0.80 - 1.20)	1.07	dec. %				Calculation	10/11/04 11:40 / smd

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc.
 Project: SR-HUP
 Lab ID: C04091088-007
 Client Sample ID: BMP-22

Report Date: 10/20/04
 Collection Date: 09/27/04 12:05
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	292	mg/L		1		A2320 B	10/04/04 09:22 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/04/04 09:22 / nlm
Bicarbonate as HCO3	357	mg/L		1		A2320 B	10/04/04 09:22 / nlm
Calcium	80	mg/L		1		E200.7	10/08/04 13:22 / ts
Chloride	9	mg/L		1		E200.7	10/08/04 13:22 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	10/06/04 12:28 / nlm
Magnesium	19	mg/L		1		E200.7	10/08/04 13:22 / ts
Nitrogen, Ammonia as N	0.76	mg/L		0.05		A4500-NH3 G	09/28/04 13:39 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 11:23 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 11:23 / jal
Potassium	6	mg/L		1		E200.7	10/08/04 13:22 / ts
Silica	21.1	mg/L		0.1		E200.7	10/08/04 13:22 / ts
Sodium	27	mg/L		1		E200.7	10/08/04 13:22 / ts
Sulfate	27	mg/L		1		E200.7	10/08/04 13:22 / ts
PHYSICAL PROPERTIES							
Conductivity	638	umhos/cm		1.0		A2510 B	09/28/04 13:47 / dd
pH	6.26	s.u.		0.01		A4500-H B	09/28/04 13:47 / dd
Solids, Total Dissolved TDS @ 180 C	379	mg/L		10		A2540 C	09/28/04 17:38 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 13:22 / ts
Arsenic	0.222	mg/L	D	0.002		E200.8	10/14/04 06:50 / bws
Barium	0.1	mg/L		0.1		E200.7	10/08/04 13:22 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 13:22 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 06:50 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 13:22 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 06:50 / bws
Iron	8.25	mg/L		0.03		E200.7	10/08/04 13:22 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 06:50 / bws
Manganese	0.53	mg/L		0.01		E200.7	10/08/04 13:22 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 06:50 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 13:22 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 06:50 / bws
Selenium	ND	mg/L	D	0.004		E200.8	10/14/04 06:50 / bws
Uranium	1.65	mg/L	D	0.0004		E200.8	10/14/04 06:50 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 13:22 / ts
Zinc	ND	mg/L		0.01		E200.7	10/08/04 13:22 / ts

Report Definitions:
 RL - Analyte reporting limit.
 QCL - Quality control limit.
 D - RL increased due to sample matrix interference.

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04091088-007
Client Sample ID: BMP-22

Report Date: 10/20/04
Collection Date: 09/27/04 12:05
Date Received: 09/27/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	966	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	34.6	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	3.93	%				Calculation	10/11/04 11:38 / smd
Anions	6.66	meq/L				Calculation	10/11/04 11:38 / smd
Cations	7.20	meq/L				Calculation	10/11/04 11:38 / smd
Solids, Total Dissolved Calculated	363	mg/L				Calculation	10/11/04 11:38 / smd
TDS Balance (0.80 - 1.20)	1.04	dec. %				Calculation	10/11/04 11:38 / smd

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-004
 Client Sample ID: BMP-23

Report Date: 10/20/04
 Collection Date: 09/27/04 11:50
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	212	mg/L		1		A2320 B	10/01/04 19:39 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/01/04 19:39 / nlm
Bicarbonate as HCO3	259	mg/L		1		A2320 B	10/01/04 19:39 / nlm
Calcium	70	mg/L		1		E200.7	10/08/04 13:12 / ts
Chloride	5	mg/L		1		E200.7	10/08/04 13:12 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	10/06/04 12:13 / nlm
Magnesium	15	mg/L		1		E200.7	10/08/04 13:12 / ts
Nitrogen, Ammonia as N	0.32	mg/L		0.05		A4500-NH3 G	09/28/04 13:27 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 11:08 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 11:08 / jal
Potassium	5	mg/L		1		E200.7	10/08/04 13:12 / ts
Silica	13.3	mg/L		0.1		E200.7	10/08/04 13:12 / ts
Sodium	31	mg/L		1		E200.7	10/08/04 13:12 / ts
Strontium	85	mg/L		1		E200.7	10/08/04 13:12 / ts
PHYSICAL PROPERTIES							
Conductivity	598	umhos/cm		1.0		A2510 B	09/28/04 13:33 / dd
pH	6.44	s.u.		0.01		A4500-H B	09/28/04 13:33 / dd
Solids, Total Dissolved TDS @ 180 C	365	mg/L		10		A2540 C	09/28/04 17:37 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 13:12 / ts
Arsenic	0.061	mg/L		0.001		E200.8	10/14/04 04:58 / bws
Barium	0.1	mg/L		0.1		E200.7	10/08/04 13:12 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 13:12 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 04:58 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 13:12 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 04:58 / bws
Iron	2.80	mg/L		0.03		E200.7	10/08/04 13:12 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 04:58 / bws
Manganese	0.46	mg/L		0.01		E200.7	10/08/04 13:12 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 04:58 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 13:12 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 04:58 / bws
Selenium	0.023	mg/L		0.001		E200.8	10/14/04 04:58 / bws
Uranium	2.02	mg/L		0.0003		E200.8	10/14/04 04:58 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 13:12 / ts
Zinc	0.01	mg/L		0.01		E200.7	10/08/04 13:12 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04091088-004
Client Sample ID: BMP-23

Report Date: 10/20/04
Collection Date: 09/27/04 11:50
Date Received: 09/27/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	807	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	28.9	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	1.92	%				Calculation	10/11/04 11:37 / smd
Anions	6.13	meq/L				Calculation	10/11/04 11:37 / smd
Cations	6.37	meq/L				Calculation	10/11/04 11:37 / smd
Solids, Total Dissolved Calculated	351	mg/L				Calculation	10/11/04 11:37 / smd
TDS Balance (0.80 - 1.20)	1.04	dec. %				Calculation	10/11/04 11:37 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-005
 Client Sample ID: BMP-24

Report Date: 10/20/04
 Collection Date: 09/27/04 10:35
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	362	mg/L		1		A2320 B	10/04/04 09:01 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/04/04 09:01 / nlm
Bicarbonate as HCO3	442	mg/L		1		A2320 B	10/04/04 09:01 / nlm
Calcium	116	mg/L		1		E200.7	10/08/04 13:16 / ts
Chloride	12	mg/L		1		E200.7	10/08/04 13:16 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	10/06/04 12:17 / nlm
Magnesium	19	mg/L		1		E200.7	10/08/04 13:16 / ts
Nitrogen, Ammonia as N	0.78	mg/L		0.05		A4500-NH3 G	09/28/04 13:29 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 11:11 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 11:11 / jal
Potassium	5	mg/L		1		E200.7	10/08/04 13:16 / ts
Silica	19.5	mg/L		0.1		E200.7	10/08/04 13:16 / ts
Sodium	18	mg/L		1		E200.7	10/08/04 13:16 / ts
Sulfate	21	mg/L		1		E200.7	10/08/04 13:16 / ts
PHYSICAL PROPERTIES							
Conductivity	748	umhos/cm		1.0		A2510 B	09/28/04 13:38 / dd
pH	6.43	s.u.		0.01		A4500-H B	09/28/04 13:38 / dd
Solids, Total Dissolved TDS @ 180 C	440	mg/L		10		A2540 C	09/28/04 17:38 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L			0.1	E200.7	10/08/04 13:16 / ts
Arsenic	0.027	mg/L	D		0.002	E200.8	10/14/04 05:05 / bws
Barium	0.2	mg/L			0.1	E200.7	10/08/04 13:16 / ts
Boron	ND	mg/L			0.1	E200.7	10/08/04 13:16 / ts
Cadmium	ND	mg/L			0.005	E200.8	10/14/04 05:05 / bws
Chromium	ND	mg/L			0.05	E200.7	10/08/04 13:16 / ts
Copper	ND	mg/L			0.01	E200.8	10/14/04 05:05 / bws
Iron	4.27	mg/L			0.03	E200.7	10/08/04 13:16 / ts
Lead	ND	mg/L			0.05	E200.8	10/14/04 05:05 / bws
Manganese	1.11	mg/L			0.01	E200.7	10/08/04 13:16 / ts
Mercury	ND	mg/L			0.001	E200.8	10/14/04 05:05 / bws
Molybdenum	ND	mg/L			0.1	E200.7	10/08/04 13:16 / ts
Nickel	ND	mg/L			0.05	E200.8	10/14/04 05:05 / bws
Selenium	0.006	mg/L	D		0.004	E200.8	10/14/04 05:05 / bws
Uranium	0.339	mg/L	D		0.0004	E200.8	10/14/04 05:05 / bws
Vanadium	ND	mg/L			0.1	E200.7	10/08/04 13:16 / ts
Zinc	ND	mg/L			0.01	E200.7	10/08/04 13:16 / ts

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04091088-005
Client Sample ID: BMP-24

Report Date: 10/20/04
Collection Date: 09/27/04 10:35
Date Received: 09/27/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	356	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	12.8	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	3.00	%				Calculation	10/11/04 11:37 / smd
Anions	8.01	meq/L				Calculation	10/11/04 11:37 / smd
Cations	8.51	meq/L				Calculation	10/11/04 11:37 / smd
Solids, Total Dissolved Calculated	427	mg/L				Calculation	10/11/04 11:37 / smd
TDS Balance (0.80 - 1.20)	1.03	dec. %				Calculation	10/11/04 11:37 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-008
 Client Sample ID: BMP-25

Report Date: 10/20/04
 Collection Date: 09/27/04 10:25
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	256	mg/L		1		A2320 B	10/04/04 09:34 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/04/04 09:34 / nlm
Bicarbonate as HCO3	313	mg/L		1		A2320 B	10/04/04 09:34 / nlm
Calcium	88	mg/L		1		E200.7	10/08/04 13:25 / ts
Chloride	7	mg/L		1		E200.7	10/08/04 13:25 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	10/06/04 12:31 / nlm
Magnesium	19	mg/L		1		E200.7	10/08/04 13:25 / ts
Nitrogen, Ammonia as N	0.38	mg/L		0.05		A4500-NH3 G	09/28/04 13:41 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 11:26 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 11:26 / jal
Potassium	6	mg/L		1		E200.7	10/08/04 13:25 / ts
Silica	20.1	mg/L		0.1		E200.7	10/08/04 13:25 / ts
Sodium	38	mg/L		1		E200.7	10/08/04 13:25 / ts
Sulfate	113	mg/L		1		E200.7	10/08/04 13:25 / ts
PHYSICAL PROPERTIES							
Conductivity	725	umhos/cm		1.0		A2510 B	09/28/04 13:51 / dd
pH	6.43	s.u.		0.01		A4500-H B	09/28/04 13:51 / dd
Solids, Total Dissolved TDS @ 180 C	468	mg/L		10		A2540 C	09/28/04 17:39 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 13:25 / ts
Arsenic	0.022	mg/L		0.001		E200.8	10/14/04 06:56 / bws
Barium	0.1	mg/L		0.1		E200.7	10/08/04 13:25 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 13:25 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 06:56 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 13:25 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 06:56 / bws
Iron	3.03	mg/L		0.03		E200.7	10/08/04 13:25 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 06:56 / bws
Manganese	0.35	mg/L		0.01		E200.7	10/08/04 13:25 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 06:56 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 13:25 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 06:56 / bws
Selenium	0.003	mg/L		0.001		E200.8	10/14/04 06:56 / bws
Uranium	0.656	mg/L		0.0003		E200.8	10/14/04 06:56 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 13:25 / ts
Zinc	ND	mg/L		0.01		E200.7	10/08/04 13:25 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-008
 Client Sample ID: BMP-25

Report Date: 10/20/04
 Collection Date: 09/27/04 10:25
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	447	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	16.0	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	1.51	%				Calculation	10/11/04 11:38 / smd
Anions	7.68	meq/L				Calculation	10/11/04 11:38 / smd
Cations	7.91	meq/L				Calculation	10/11/04 11:38 / smd
Solids, Total Dissolved Calculated	445	mg/L				Calculation	10/11/04 11:38 / smd
TDS Balance (0.80 - 1.20)	1.05	dec. %				Calculation	10/11/04 11:38 / smd

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-017
 Client Sample ID: BMP-26

Report Date: 10/20/04
 Collection Date: 09/27/04 10:05
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	323	mg/L		1		A2320 B	10/04/04 11:36 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/04/04 11:36 / nlm
Bicarbonate as HCO3	394	mg/L		1		A2320 B	10/04/04 11:36 / nlm
Calcium	68	mg/L		1		E200.7	10/08/04 14:20 / ts
Chloride	2	mg/L		1		E200.7	10/08/04 14:20 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	10/06/04 13:08 / nlm
Magnesium	14	mg/L		1		E200.7	10/08/04 14:20 / ts
Nitrogen, Ammonia as N	0.37	mg/L		0.05		A4500-NH3 G	09/28/04 14:09 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 12:01 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 12:01 / jal
Potassium	6	mg/L		1		E200.7	10/08/04 14:20 / ts
Silica	12.8	mg/L		0.1		E200.7	10/08/04 14:20 / ts
Sodium	46	mg/L		1		E200.7	10/08/04 14:20 / ts
Sulfate	25	mg/L		1		E200.7	10/08/04 14:20 / ts
PHYSICAL PROPERTIES							
Conductivity	663	umhos/cm		1.0		A2510 B	09/28/04 14:29 / dd
pH	6.82	s.u.		0.01		A4500-H B	09/28/04 14:29 / dd
Solids, Total Dissolved TDS @ 180 C	389	mg/L		10		A2540 C	09/28/04 17:43 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 14:20 / ts
Arsenic	0.009	mg/L		0.001		E200.8	10/14/04 10:13 / bws
Barium	ND	mg/L		0.1		E200.7	10/08/04 14:20 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 14:20 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 10:13 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 14:20 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 10:13 / bws
Iron	0.06	mg/L		0.03		E200.7	10/08/04 14:20 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 10:13 / bws
Manganese	0.22	mg/L		0.01		E200.7	10/08/04 14:20 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 10:13 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 14:20 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 10:13 / bws
Selenium	0.006	mg/L		0.001		E200.8	10/14/04 10:13 / bws
Uranium	1.09	mg/L		0.0003		E200.8	10/14/04 10:13 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 14:20 / ts
	ND	mg/L		0.01		E200.7	10/08/04 14:20 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-017
 Client Sample ID: BMP-26

Report Date: 10/20/04
 Collection Date: 09/27/04 10:05
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	683	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	24.5	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	-1.94	%				Calculation	10/11/04 11:41 / smd
Anions	7.04	meq/L				Calculation	10/11/04 11:41 / smd
Cations	6.77	meq/L				Calculation	10/11/04 11:41 / smd
Solids, Total Dissolved Calculated	369	mg/L				Calculation	10/11/04 11:41 / smd
TDS Balance (0.80 - 1.20)	1.05	dec. %				Calculation	10/11/04 11:41 / smd

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-016
 Client Sample ID: BMP-27

Report Date: 10/20/04
 Collection Date: 09/27/04 10:10
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	327	mg/L		1		A2320 B	10/04/04 11:24 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/04/04 11:24 / nlm
Bicarbonate as HCO3	399	mg/L		1		A2320 B	10/04/04 11:24 / nlm
Calcium	126	mg/L		1		E200.7	10/08/04 14:17 / ts
Chloride	8	mg/L		1		E200.7	10/08/04 14:17 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	10/06/04 13:06 / nlm
Magnesium	22	mg/L		1		E200.7	10/08/04 14:17 / ts
Nitrogen, Ammonia as N	0.18	mg/L		0.05		A4500-NH3 G	09/28/04 14:07 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 11:58 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 11:58 / jal
Potassium	6	mg/L		1		E200.7	10/08/04 14:17 / ts
Silica	12.7	mg/L		0.1		E200.7	10/08/04 14:17 / ts
Sodium	23	mg/L		1		E200.7	10/08/04 14:17 / ts
Sulfate	122	mg/L		1		E200.7	10/08/04 14:17 / ts
PHYSICAL PROPERTIES							
Conductivity	822	umhos/cm		1.0		A2510 B	09/28/04 14:19 / dd
pH	6.46	s.u.		0.01		A4500-H B	09/28/04 14:19 / dd
Solids, Total Dissolved TDS @ 180 C	562	mg/L		10		A2540 C	09/28/04 17:43 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 14:17 / ts
Arsenic	0.002	mg/L		0.001		E200.8	10/14/04 10:06 / bws
Barium	0.1	mg/L		0.1		E200.7	10/08/04 14:17 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 14:17 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 10:06 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 14:17 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 10:06 / bws
Iron	0.56	mg/L		0.03		E200.7	10/08/04 14:17 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 10:06 / bws
Manganese	0.66	mg/L		0.01		E200.7	10/08/04 14:17 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 10:06 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 14:17 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 10:06 / bws
Selenium	0.022	mg/L		0.001		E200.8	10/14/04 10:06 / bws
Uranium	2.02	mg/L		0.0003		E200.8	10/14/04 10:06 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 14:17 / ts
Zinc	ND	mg/L		0.01		E200.7	10/08/04 14:17 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-016
 Client Sample ID: BMP-27

Report Date: 10/20/04
 Collection Date: 09/27/04 10:10
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	942	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	33.8	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	-0.051	%				Calculation	10/11/04 11:41 / smd
Anions	9.33	meq/L				Calculation	10/11/04 11:41 / smd
Cations	9.32	meq/L				Calculation	10/11/04 11:41 / smd
Solids, Total Dissolved Calculated	516	mg/L				Calculation	10/11/04 11:41 / smd
TDS Balance (0.80 - 1.20)	1.09	dec. %				Calculation	10/11/04 11:41 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-018
 Client Sample ID: BMP-28

Report Date: 10/20/04
 Collection Date: 09/27/04 12:55
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	278	mg/L		1		A2320 B	10/04/04 11:49 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/04/04 11:49 / nlm
Bicarbonate as HCO3	339	mg/L		1		A2320 B	10/04/04 11:49 / nlm
Calcium	74	mg/L		1		E200.7	10/08/04 14:32 / ts
Chloride	11	mg/L		1		E200.7	10/08/04 14:32 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	10/06/04 13:11 / nlm
Magnesium	17	mg/L		1		E200.7	10/08/04 14:32 / ts
Nitrogen, Ammonia as N	0.61	mg/L		0.05		A4500-NH3 G	09/28/04 14:11 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 12:03 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 12:03 / jal
Potassium	6	mg/L		1		E200.7	10/08/04 14:32 / ts
Silica	17.2	mg/L		0.1		E200.7	10/08/04 14:32 / ts
Sodium	44	mg/L		1		E200.7	10/08/04 14:32 / ts
Sulfate	57	mg/L		1		E200.7	10/08/04 14:32 / ts
PHYSICAL PROPERTIES							
Conductivity	676	umhos/cm		1.0		A2510 B	09/28/04 14:34 / dd
pH	6.71	s.u.		0.01		A4500-H B	09/28/04 14:34 / dd
Solids, Total Dissolved TDS @ 180 C	406	mg/L		10		A2540 C	09/28/04 17:45 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 14:32 / ts
Arsenic	0.016	mg/L		0.001		E200.8	10/14/04 10:20 / bws
Barium	ND	mg/L		0.1		E200.7	10/08/04 14:32 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 14:32 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 10:20 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 14:32 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 10:20 / bws
Iron	0.62	mg/L		0.03		E200.7	10/08/04 14:32 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 10:20 / bws
Manganese	0.32	mg/L		0.01		E200.7	10/08/04 14:32 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 10:20 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 14:32 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 10:20 / bws
Selenium	0.020	mg/L		0.001		E200.8	10/14/04 10:20 / bws
Uranium	2.00	mg/L		0.0003		E200.8	10/14/04 10:20 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 14:32 / ts
Zinc	ND	mg/L		0.01		E200.7	10/08/04 14:32 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-018
 Client Sample ID: BMP-28

Report Date: 10/20/04
 Collection Date: 09/27/04 12:55
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	490	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	17.6	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	1.33	%				Calculation	10/11/04 11:41 / smd
Anions	7.06	meq/L				Calculation	10/11/04 11:41 / smd
Cations	7.25	meq/L				Calculation	10/11/04 11:41 / smd
Solids, Total Dissolved Calculated	393	mg/L				Calculation	10/11/04 11:41 / smd
TDS Balance (0.80 - 1.20)	1.03	dec. %				Calculation	10/11/04 11:41 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-003
 Client Sample ID: BMP-29

Report Date: 10/20/04
 Collection Date: 09/27/04 11:25
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	291	mg/L		1		A2320 B	10/01/04 19:25 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/01/04 19:25 / nlm
Bicarbonate as HCO3	355	mg/L		1		A2320 B	10/01/04 19:25 / nlm
Calcium	76	mg/L		1		E200.7	10/08/04 13:01 / ts
Chloride	14	mg/L		1		E200.7	10/08/04 13:01 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	10/06/04 12:09 / nlm
Magnesium	17	mg/L		1		E200.7	10/08/04 13:01 / ts
Nitrogen, Ammonia as N	0.71	mg/L		0.05		A4500-NH3 G	09/28/04 13:25 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 11:06 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 11:06 / jal
Potassium	6	mg/L		1		E200.7	10/08/04 13:01 / ts
Silica	20.0	mg/L		0.1		E200.7	10/08/04 13:01 / ts
Sodium	44	mg/L		1		E200.7	10/08/04 13:01 / ts
Iron	41	mg/L		1		E200.7	10/08/04 13:01 / ts
PHYSICAL PROPERTIES							
Conductivity	683	umhos/cm		1.0		A2510 B	09/28/04 13:23 / dd
pH	6.73	s.u.		0.01		A4500-H B	09/28/04 13:23 / dd
Solids, Total Dissolved TDS @ 180 C	400	mg/L		10		A2540 C	09/28/04 17:36 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 13:01 / ts
Arsenic	0.023	mg/L		0.001		E200.8	10/14/04 04:51 / bws
Barium	ND	mg/L		0.1		E200.7	10/08/04 13:01 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 13:01 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 04:51 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 13:01 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 04:51 / bws
Iron	0.98	mg/L		0.03		E200.7	10/08/04 13:01 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 04:51 / bws
Manganese	1.14	mg/L		0.01		E200.7	10/08/04 13:01 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 04:51 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 13:01 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 04:51 / bws
Selenium	0.006	mg/L		0.001		E200.8	10/14/04 04:51 / bws
Uranium	3.29	mg/L		0.0003		E200.8	10/14/04 04:51 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 13:01 / ts
Zinc	ND	mg/L		0.01		E200.7	10/08/04 13:01 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04091088-003
Client Sample ID: BMP-29

Report Date: 10/20/04
Collection Date: 09/27/04 11:25
Date Received: 09/27/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	411	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	14.8	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	2.24	%				Calculation	10/11/04 11:37 / smd
Anions	7.06	meq/L				Calculation	10/11/04 11:37 / smd
Cations	7.38	meq/L				Calculation	10/11/04 11:37 / smd
Solids, Total Dissolved Calculated	392	mg/L				Calculation	10/11/04 11:37 / smd
TDS Balance (0.80 - 1.20)	1.02	dec. %				Calculation	10/11/04 11:37 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-012
 Client Sample ID: BMP-30

Report Date: 10/20/04
 Collection Date: 09/27/04 12:15
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	302	mg/L		1		A2320 B	10/04/04 10:27 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/04/04 10:27 / nlm
Bicarbonate as HCO3	368	mg/L		1		A2320 B	10/04/04 10:27 / nlm
Calcium	77	mg/L		1		E200.7	10/08/04 14:04 / ts
Chloride	13	mg/L		1		E200.7	10/08/04 14:04 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	10/06/04 12:48 / nlm
Magnesium	17	mg/L		1		E200.7	10/08/04 14:04 / ts
Nitrogen, Ammonia as N	2.06	mg/L		0.05		A4500-NH3 G	09/28/04 13:53 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 11:41 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 11:41 / jal
Potassium	6	mg/L		1		E200.7	10/08/04 14:04 / ts
Silica	16.0	mg/L		0.1		E200.7	10/08/04 14:04 / ts
Sodium	46	mg/L		1		E200.7	10/08/04 14:04 / ts
Iron	51	mg/L		1		E200.7	10/08/04 14:04 / ts
PHYSICAL PROPERTIES							
Conductivity	697	umhos/cm		1.0		A2510 B	09/28/04 14:02 / dd
pH	6.86	s.u.		0.01		A4500-H B	09/28/04 14:02 / dd
Solids, Total Dissolved TDS @ 180 C	430	mg/L		10		A2540 C	09/28/04 17:42 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 14:04 / ts
Arsenic	0.011	mg/L		0.001		E200.8	10/14/04 08:13 / bws
Barium	ND	mg/L		0.1		E200.7	10/08/04 14:04 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 14:04 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 08:13 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 14:04 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 08:13 / bws
Iron	0.12	mg/L		0.03		E200.7	10/08/04 14:04 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 08:13 / bws
Manganese	0.65	mg/L		0.01		E200.7	10/08/04 14:04 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 08:13 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 14:04 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 08:13 / bws
Selenium	0.004	mg/L		0.001		E200.8	10/14/04 08:13 / bws
Uranium	3.06	mg/L		0.0003		E200.8	10/14/04 08:13 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 14:04 / ts
Zinc	ND	mg/L		0.01		E200.7	10/08/04 14:04 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04091088-012
Client Sample ID: BMP-30

Report Date: 10/20/04
Collection Date: 09/27/04 12:15
Date Received: 09/27/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	482	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	17.3	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	0.563	%				Calculation	10/11/04 11:39 / smd
Anions	7.45	meq/L				Calculation	10/11/04 11:39 / smd
Cations	7.53	meq/L				Calculation	10/11/04 11:39 / smd
Solids, Total Dissolved Calculated	406	mg/L				Calculation	10/11/04 11:39 / smd
TDS Balance (0.80 - 1.20)	1.06	dec. %				Calculation	10/11/04 11:39 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-011
 Client Sample ID: BMP-31

Report Date: 10/20/04
 Collection Date: 09/27/04 10:30
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	274	mg/L		1		A2320 B	10/04/04 10:14 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	10/04/04 10:14 / nlm
Bicarbonate as HCO3	335	mg/L		1		A2320 B	10/04/04 10:14 / nlm
Calcium	80	mg/L		1		E200.7	10/08/04 14:01 / ts
Chloride	26	mg/L		1		E200.7	10/08/04 14:01 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	10/06/04 12:44 / nlm
Magnesium	20	mg/L		1		E200.7	10/08/04 14:01 / ts
Nitrogen, Ammonia as N	0.21	mg/L		0.05		A4500-NH3 G	09/28/04 13:51 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.10		E353.2	09/29/04 11:38 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.10		A4500-NO2 B	09/29/04 11:38 / jal
Potassium	6	mg/L		1		E200.7	10/08/04 14:01 / ts
Silica	9.9	mg/L		0.1		E200.7	10/08/04 14:01 / ts
Sodium	54	mg/L		1		E200.7	10/08/04 14:01 / ts
Sulfate	94	mg/L		1		E200.7	10/08/04 14:01 / ts
PHYSICAL PROPERTIES							
Conductivity	776	umhos/cm		1.0		A2510 B	09/28/04 13:58 / dd
pH	6.83	s.u.		0.01		A4500-H B	09/28/04 13:58 / dd
Solids, Total Dissolved TDS @ 180 C	488	mg/L		10		A2540 C	09/28/04 17:42 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	10/08/04 14:01 / ts
Arsenic	0.008	mg/L		0.001		E200.8	10/14/04 07:38 / bws
Barium	ND	mg/L		0.1		E200.7	10/08/04 14:01 / ts
Boron	ND	mg/L		0.1		E200.7	10/08/04 14:01 / ts
Cadmium	ND	mg/L		0.005		E200.8	10/14/04 07:38 / bws
Chromium	ND	mg/L		0.05		E200.7	10/08/04 14:01 / ts
Copper	ND	mg/L		0.01		E200.8	10/14/04 07:38 / bws
Iron	0.26	mg/L		0.03		E200.7	10/08/04 14:01 / ts
Lead	ND	mg/L		0.05		E200.8	10/14/04 07:38 / bws
Manganese	0.27	mg/L		0.01		E200.7	10/08/04 14:01 / ts
Mercury	ND	mg/L		0.001		E200.8	10/14/04 07:38 / bws
Molybdenum	ND	mg/L		0.1		E200.7	10/08/04 14:01 / ts
Nickel	ND	mg/L		0.05		E200.8	10/14/04 07:38 / bws
Selenium	0.002	mg/L		0.001		E200.8	10/14/04 07:38 / bws
Uranium	2.07	mg/L		0.0003		E200.8	10/14/04 07:38 / bws
Vanadium	ND	mg/L		0.1		E200.7	10/08/04 14:01 / ts
Zinc	ND	mg/L		0.01		E200.7	10/08/04 14:01 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04091088-011
 Client Sample ID: BMP-31

Report Date: 10/20/04
 Collection Date: 09/27/04 10:30
 Date Received: 09/27/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	330	pCi/L		0.2		E903.0	10/12/04 16:40 / df
Radium 226 precision (±)	11.9	pCi/L				E903.0	10/12/04 16:40 / df
DATA QUALITY							
A/C Balance (± 5)	-0.015	%				Calculation	10/11/04 11:39 / smd
Anions	8.19	meq/L				Calculation	10/11/04 11:39 / smd
Cations	8.19	meq/L				Calculation	10/11/04 11:39 / smd
Solids, Total Dissolved Calculated	456	mg/L				Calculation	10/11/04 11:39 / smd
TDS Balance (0.80 - 1.20)	1.07	dec. %				Calculation	10/11/04 11:39 / smd

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

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

WAL-KM-BW

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LABORATORY ANALYTICAL REPORT

B-WF Restoration
(Stability)

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04101114-001
Client Sample ID: BMP-11

Report Date: 11/12/04
Collection Date: 10/25/04 11:05
Date Received: 10/25/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO3	300	mg/L		1		A2320 B	10/26/04 15:07 / nlm
Chloride	6	mg/L		1		A4500-Cl B	10/26/04 13:24 / jl
PHYSICAL PROPERTIES							
Conductivity	673	umhos/cm		1.0		A2510 B	10/26/04 13:30 / dd
Solids, Total Dissolved TDS @ 180 C	374	mg/L		10		A2540 C	10/26/04 17:37 / dd
METALS - DISSOLVED							
Arsenic	0.019	mg/L		0.001		E200.8	11/07/04 18:44 / bws
Selenium	0.022	mg/L		0.001		E200.8	11/07/04 18:44 / bws
Uranium	6.50	mg/L		0.0003		E200.8	11/07/04 18:44 / bws

Definitions:

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04101114-002
 Client Sample ID: BMP-12

Report Date: 11/12/04
 Collection Date: 10/25/04 11:50
 Date Received: 10/25/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	282	mg/L		1		A2320 B	10/26/04 15:16 / nlm
Chloride	7	mg/L		1		A4500-Cl B	10/26/04 13:35 / jl
PHYSICAL PROPERTIES							
Conductivity	573	umhos/cm		1.0		A2510 B	10/26/04 13:34 / dd
Solids, Total Dissolved TDS @ 180 C	298	mg/L		10		A2540 C	10/26/04 17:39 / dd
METALS - DISSOLVED							
Arsenic	0.070	mg/L		0.001		E200.8	11/07/04 19:02 / bws
Selenium	0.027	mg/L		0.001		E200.8	11/07/04 19:02 / bws
Uranium	4.04	mg/L		0.0003		E200.8	11/07/04 19:02 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04101114-003
 Client Sample ID: BMP-13

Report Date: 11/12/04
 Collection Date: 10/25/04 12:00
 Date Received: 10/25/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	265	mg/L		1		A2320 B	10/26/04 15:51 / nlm
Chloride	23	mg/L		1		A4500-Cl B	10/26/04 13:36 / jl
PHYSICAL PROPERTIES							
Conductivity	719	umhos/cm		1.0		A2510 B	10/26/04 13:45 / dd
Solids, Total Dissolved TDS @ 180 C	370	mg/L		10		A2540 C	10/26/04 17:39 / dd
METALS - DISSOLVED							
Arsenic	0.028	mg/L		0.001		E200.8	11/07/04 19:07 / bws
Selenium	0.024	mg/L		0.001		E200.8	11/07/04 19:07 / bws
Uranium	1.88	mg/L		0.0003		E200.8	11/07/04 19:07 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04101114-004
 Client Sample ID: BMP-14

Report Date: 11/12/04
 Collection Date: 10/25/04 12:10
 Date Received: 10/25/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO3	329	mg/L		1		A2320 B	10/26/04 16:02 / nlm
Chloride	16	mg/L		1		A4500-Cl B	10/26/04 13:37 / jl
PHYSICAL PROPERTIES							
Conductivity	810	umhos/cm		1.0		A2510 B	10/26/04 13:55 / dd
Solids, Total Dissolved TDS @ 180 C	390	mg/L		10		A2540 C	10/26/04 17:39 / dd
METALS - DISSOLVED							
Arsenic	0.214	mg/L		0.001		E200.8	11/07/04 19:11 / bws
Selenium	0.029	mg/L		0.001		E200.8	11/07/04 19:11 / bws
Uranium	4.85	mg/L		0.0003		E200.8	11/07/04 19:11 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04101114-005
 Client Sample ID: BMP-15

Report Date: 11/12/04
 Collection Date: 10/25/04 12:20
 Date Received: 10/25/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO3	280	mg/L		1		A2320 B	10/27/04 10:57 / nlm
Chloride	7	mg/L		1		A4500-Cl B	10/26/04 13:38 / jl
PHYSICAL PROPERTIES							
Conductivity	588	umhos/cm		1.0		A2510 B	10/26/04 13:57 / dd
Solids, Total Dissolved TDS @ 180 C	290	mg/L		10		A2540 C	10/26/04 17:39 / dd
METALS - DISSOLVED							
Arsenic	0.040	mg/L		0.001		E200.8	11/07/04 19:16 / bws
Selenium	0.017	mg/L		0.001		E200.8	11/07/04 19:16 / bws
Uranium	3.44	mg/L		0.0003		E200.8	11/07/04 19:16 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04101114-006
 Client Sample ID: BMP-16

Report Date: 11/12/04
 Collection Date: 10/25/04 12:30
 Date Received: 10/25/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO3	271	mg/L		1		A2320 B	10/26/04 16:21 / nlm
Chloride	3	mg/L		1		A4500-Cl B	10/26/04 13:39 / jl
PHYSICAL PROPERTIES							
Conductivity	560	umhos/cm		1.0		A2510 B	10/26/04 14:01 / dd
Solids, Total Dissolved TDS @ 180 C	268	mg/L		10		A2540 C	10/26/04 17:40 / dd
METALS - DISSOLVED							
Arsenic	0.070	mg/L		0.001		E200.8	11/07/04 19:38 / bws
Selenium	0.005	mg/L		0.001		E200.8	11/07/04 19:38 / bws
Uranium	1.01	mg/L		0.0003		E200.8	11/07/04 19:38 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04101114-007
 Client Sample ID: BMP-18

Report Date: 11/12/04
 Collection Date: 10/25/04 09:10
 Date Received: 10/25/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	436	mg/L		1		A2320 B	10/26/04 16:33 / nlm
Chloride	36	mg/L		1		A4500-Cl B	10/26/04 13:50 / jl
PHYSICAL PROPERTIES							
Conductivity	1030	umhos/cm		1.0		A2510 B	10/26/04 14:04 / dd
Solids, Total Dissolved TDS @ 180 C	532	mg/L		10		A2540 C	10/26/04 17:40 / dd
METALS - DISSOLVED							
Arsenic	0.006	mg/L		0.001		E200.8	11/07/04 19:43 / bws
Selenium	0.015	mg/L		0.001		E200.8	11/07/04 19:43 / bws
Uranium	1.92	mg/L		0.0003		E200.8	11/07/04 19:43 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04101114-008
 Client Sample ID: BMP-19

Report Date: 11/12/04
 Collection Date: 10/25/04 09:25
 Date Received: 10/25/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	288	mg/L		1		A2320 B	10/26/04 16:42 / nlm
Chloride	12	mg/L		1		A4500-Cl B	10/26/04 13:51 / jl
PHYSICAL PROPERTIES							
Conductivity	641	umhos/cm		1.0		A2510 B	10/26/04 14:07 / dd
Solids, Total Dissolved TDS @ 180 C	308	mg/L		10		A2540 C	10/26/04 17:41 / dd
METALS - DISSOLVED							
Arsenic	0.024	mg/L		0.001		E200.8	11/07/04 20:46 / bws
Selenium	0.002	mg/L		0.001		E200.8	11/07/04 20:46 / bws
Uranium	0.533	mg/L		0.0003		E200.8	11/07/04 20:46 / bws

Definitions:

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04101114-009
 Client Sample ID: BMP-20

Report Date: 11/12/04
 Collection Date: 10/25/04 09:40
 Date Received: 10/25/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	318	mg/L		1		A2320 B	10/27/04 11:10 / nlm
Chloride	5	mg/L		1		A4500-Cl B	10/26/04 13:52 / jl
PHYSICAL PROPERTIES							
Conductivity	740	umhos/cm		1.0		A2510 B	10/26/04 14:17 / dd
Solids, Total Dissolved TDS @ 180 C	389	mg/L		10		A2540 C	10/26/04 17:41 / dd
METALS - DISSOLVED							
Arsenic	0.046	mg/L		0.001		E200.8	11/07/04 20:50 / bws
Selenium	0.003	mg/L		0.001		E200.8	11/07/04 20:50 / bws
Uranium	1.60	mg/L		0.0003		E200.8	11/07/04 20:50 / bws



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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04101114-010
 Client Sample ID: BMP-21

Report Date: 11/12/04
 Collection Date: 10/25/04 09:55
 Date Received: 10/25/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	346	mg/L		1		A2320 B	10/26/04 17:13 / nlm
Chloride	14	mg/L		1		A4500-Cl B	10/26/04 13:53 / jl
PHYSICAL PROPERTIES							
Conductivity	812	umhos/cm		1.0		A2510 B	10/26/04 14:33 / dd
Solids, Total Dissolved TDS @ 180 C	424	mg/L		10		A2540 C	10/26/04 17:41 / dd
METALS - DISSOLVED							
Arsenic	0.425	mg/L		0.001		E200.8	11/07/04 20:55 / bws
Selenium	0.001	mg/L		0.001		E200.8	11/07/04 20:55 / bws
Uranium	0.584	mg/L		0.0003		E200.8	11/07/04 20:55 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04101114-011
 Client Sample ID: BMP-22

Report Date: 11/12/04
 Collection Date: 10/25/04 10:55
 Date Received: 10/25/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	349	mg/L		1		A2320 B	10/26/04 17:26 / nlm
Chloride	10	mg/L		1		A4500-Cl B	10/26/04 13:55 / jl
PHYSICAL PROPERTIES							
Conductivity	693	umhos/cm		1.0		A2510 B	10/26/04 14:34 / dd
Solids, Total Dissolved TDS @ 180 C	335	mg/L		10		A2540 C	10/26/04 17:41 / dd
METALS - DISSOLVED							
Arsenic	0.273	mg/L		0.001		E200.8	11/07/04 20:59 / bws
Selenium	ND	mg/L		0.001		E200.8	11/07/04 20:59 / bws
Uranium	1.64	mg/L		0.0003		E200.8	11/07/04 20:59 / bws

Report
 Definitions:

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

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

LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04101114-012
 Client Sample ID: BMP-23

Report Date: 11/12/04
 Collection Date: 10/25/04 11:10
 Date Received: 10/25/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO3	251	mg/L		1		A2320 B	10/26/04 17:35 / nlm
Chloride	5	mg/L		1		A4500-Cl B	10/26/04 14:02 / jl
PHYSICAL PROPERTIES							
Conductivity	638	umhos/cm		1.0		A2510 B	10/26/04 14:35 / dd
Solids, Total Dissolved TDS @ 180 C	327	mg/L		10		A2540 C	10/26/04 17:45 / dd
METALS - DISSOLVED							
Arsenic	0.073	mg/L		0.001		E200.8	11/08/04 05:58 / bws
Selenium	0.028	mg/L		0.001		E200.8	11/08/04 05:58 / bws
Uranium	1.90	mg/L		0.0003		E200.8	11/08/04 05:58 / bws



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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04101114-013
Client Sample ID: BMP-24

Report Date: 11/12/04
Collection Date: 10/25/04 11:25
Date Received: 10/25/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO3	425	mg/L		1		A2320 B	10/26/04 17:48 / nlm
Chloride	10	mg/L		1		A4500-Cl B	10/26/04 14:03 / jl
PHYSICAL PROPERTIES							
Conductivity	811	umhos/cm		1.0		A2510 B	10/26/04 14:36 / dd
Solids, Total Dissolved TDS @ 180 C	395	mg/L		10		A2540 C	10/26/04 17:45 / dd
METALS - DISSOLVED							
Arsenic	0.032	mg/L		0.001		E200.8	11/08/04 05:49 / bws
Selenium	0.002	mg/L		0.001		E200.8	11/08/04 05:49 / bws
Uranium	0.312	mg/L		0.0003		E200.8	11/08/04 05:49 / bws

Definitions:

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

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

LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04101114-014
 Client Sample ID: BMP-25

Report Date: 11/12/04
 Collection Date: 10/25/04 11:40
 Date Received: 10/25/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO3	298	mg/L		1		A2320 B	10/26/04 18:01 / nlm
Chloride	7	mg/L		1		A4500-Cl B	10/26/04 14:03 / jl
PHYSICAL PROPERTIES							
Conductivity	803	umhos/cm		1.0		A2510 B	10/26/04 14:37 / dd
Solids, Total Dissolved TDS @ 180 C	420	mg/L		10		A2540 C	10/26/04 17:45 / dd
METALS - DISSOLVED							
Arsenic	0.025	mg/L		0.001		E200.8	11/08/04 05:44 / bws
Selenium	0.003	mg/L		0.001		E200.8	11/08/04 05:44 / bws
Uranium	0.752	mg/L		0.0003		E200.8	11/08/04 05:44 / bws



Definitions:

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04101114-015
Client Sample ID: BMP-26

Report Date: 11/12/04
Collection Date: 10/25/04 12:30
Date Received: 10/25/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	389	mg/L		1		A2320 B	10/26/04 18:14 / nlm
Chloride	3	mg/L		1		A4500-Cl B	10/26/04 14:08 / jl
PHYSICAL PROPERTIES							
Conductivity	708	umhos/cm		1.0		A2510 B	10/26/04 14:38 / dd
Solids, Total Dissolved TDS @ 180 C	338	mg/L		10		A2540 C	10/26/04 17:46 / dd
METALS - DISSOLVED							
Arsenic	0.009	mg/L		0.001		E200.8	11/08/04 05:40 / bws
Selenium	0.004	mg/L		0.001		E200.8	11/08/04 05:40 / bws
Uranium	0.920	mg/L		0.0003		E200.8	11/08/04 05:40 / bws

Port
Definitions:

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04101114-016
 Client Sample ID: BMP-27

Report Date: 11/12/04
 Collection Date: 10/25/04 13:05
 Date Received: 10/25/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	402	mg/L		1		A2320 B	10/28/04 08:53 / nlm
Chloride	8	mg/L		1		A4500-Cl B	10/26/04 14:16 / jl
PHYSICAL PROPERTIES							
Conductivity	915	umhos/cm		1.0		A2510 B	10/26/04 14:39 / dd
Solids, Total Dissolved TDS @ 180 C	536	mg/L		10		A2540 C	10/26/04 17:47 / dd
METALS - DISSOLVED							
Arsenic	0.002	mg/L		0.001		E200.8	11/08/04 05:35 / bws
Selenium	0.023	mg/L		0.001		E200.8	11/08/04 05:35 / bws
Uranium	1.87	mg/L		0.0003		E200.8	11/08/04 05:35 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04101114-017
 Client Sample ID: BMP-28

Report Date: 11/12/04
 Collection Date: 10/25/04 12:50
 Date Received: 10/25/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO ₃	329	mg/L		1		A2320 B	10/27/04 11:31 / nlm
Chloride	12	mg/L		1		A4500-Cl B	10/26/04 14:17 / ji
PHYSICAL PROPERTIES							
Conductivity	727	umhos/cm		1.0		A2510 B	10/26/04 14:40 / dd
Solids, Total Dissolved TDS @ 180 C	407	mg/L		10		A2540 C	10/26/04 17:47 / dd
METALS - DISSOLVED							
Arsenic	0.016	mg/L		0.001		E200.8	11/08/04 05:31 / bws
Selenium	0.015	mg/L		0.001		E200.8	11/08/04 05:31 / bws
Uranium	2.01	mg/L		0.0003		E200.8	11/08/04 05:31 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04101114-018
 Client Sample ID: BMP-29

Report Date: 11/12/04
 Collection Date: 10/25/04 10:45
 Date Received: 10/25/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO3	345	mg/L		1		A2320 B	10/27/04 11:43 / nlm
Chloride	14	mg/L		1		A4500-Cl B	10/26/04 14:18 / jl
PHYSICAL PROPERTIES							
Conductivity	724	umhos/cm		1.0		A2510 B	10/26/04 14:41 / dd
Solids, Total Dissolved TDS @ 180 C	400	mg/L		10		A2540 C	10/26/04 17:47 / dd
METALS - DISSOLVED							
Arsenic	0.022	mg/L		0.001		E200.8	11/08/04 05:26 / bws
Selenium	0.005	mg/L		0.001		E200.8	11/08/04 05:26 / bws
Uranium	3.12	mg/L		0.0003		E200.8	11/08/04 05:26 / bws

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04101114-019
Client Sample ID: BMP-30

Report Date: 11/12/04
Collection Date: 10/25/04 10:55
Date Received: 10/25/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO3	349	mg/L		1		A2320 B	10/27/04 12:40 / nlm
Chloride	12	mg/L		1		A4500-Cl B	10/26/04 14:19 / jl
PHYSICAL PROPERTIES							
Conductivity	736	umhos/cm		1.0		A2510 B	10/26/04 14:42 / dd
Solids, Total Dissolved TDS @ 180 C	408	mg/L		10		A2540 C	10/26/04 17:48 / dd
METALS - DISSOLVED							
Arsenic	0.010	mg/L		0.001		E200.8	11/08/04 04:23 / bws
Selenium	0.002	mg/L		0.001		E200.8	11/08/04 04:23 / bws
Uranium	3.13	mg/L		0.0003		E200.8	11/08/04 04:23 / bws

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04101114-020
Client Sample ID: BMP-31

Report Date: 11/12/04
Collection Date: 10/25/04 09:55
Date Received: 10/25/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Bicarbonate as HCO3	308	mg/L		1		A2320 B	10/26/04 19:29 / nlm
Chloride	26	mg/L		1		A4500-Cl B	10/26/04 14:20 / jl
PHYSICAL PROPERTIES							
Conductivity	819	umhos/cm		1.0		A2510 B	10/26/04 14:50 / dd
Solids, Total Dissolved TDS @ 180 C	459	mg/L		10		A2540 C	10/26/04 17:50 / dd
METALS - DISSOLVED							
Arsenic	0.008	mg/L		0.001		E200.8	11/08/04 04:19 / bws
Selenium	0.004	mg/L		0.001		E200.8	11/08/04 04:19 / bws
Uranium	1.89	mg/L		0.0003		E200.8	11/08/04 04:19 / bws

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

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



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LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-001
 Client Sample ID: BMP-11

B-Wellfield
Stability

Report Date: 01/20/05
 Collection Date: 12/28/04 10:50
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	253	mg/L	1			A2320 B	01/05/05 09:13 / nlm
Carbonate as CO3	ND	mg/L	1			A2320 B	01/05/05 09:13 / nlm
Bicarbonate as HCO3	309	mg/L	1			A2320 B	01/05/05 09:13 / nlm
Calcium	77	mg/L	1			E200.7	01/10/05 13:15 / ts
Chloride	6	mg/L	1			E200.7	01/10/05 13:15 / ts
Fluoride	0.2	mg/L	0.1			A4500-F C	01/04/05 10:42 / nlm
Magnesium	15	mg/L	1			E200.7	01/10/05 13:15 / ts
Nitrogen, Ammonia as N	0.27	mg/L	0.05			A4500-NH3 G	01/03/05 09:16 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.1			E353.2	12/30/04 12:48 / jal
Nitrogen, Nitrite as N	ND	mg/L	0.1			A4500-NO2 B	12/30/04 12:48 / jal
Potassium	6	mg/L	1			E200.7	01/10/05 13:15 / ts
Silica	13.4	mg/L	0.1			E200.7	01/10/05 13:15 / ts
Sodium	49	mg/L	1			E200.7	01/10/05 13:15 / ts
Sulfate	80	mg/L	1			E200.7	01/10/05 13:15 / ts
PHYSICAL PROPERTIES							
Conductivity	618	umhos/cm	1.0			A2510 B	12/30/04 14:01 / dd
pH	7.54	s.u.	0.01			A4500-H B	12/30/04 15:13 / dd
Solids, Total Dissolved TDS @ 180 C	371	mg/L	10			A2540 C	12/30/04 16:28 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L	0.1			E200.7	01/10/05 13:15 / ts
Arsenic	0.016	mg/L	0.001			E200.8	01/11/05 15:19 / sml
Barium	ND	mg/L	0.1			E200.7	01/10/05 13:15 / ts
Boron	ND	mg/L	0.1			E200.7	01/10/05 13:15 / ts
Cadmium	ND	mg/L	0.005			E200.8	01/11/05 15:19 / sml
Chromium	ND	mg/L	0.05			E200.7	01/10/05 13:15 / ts
Copper	ND	mg/L	0.01			E200.8	01/11/05 15:19 / sml
Iron	0.19	mg/L	0.03			E200.7	01/10/05 13:15 / ts
Lead	ND	mg/L	0.05			E200.8	01/11/05 15:19 / sml
Manganese	0.23	mg/L	0.01			E200.7	01/10/05 13:15 / ts
Mercury	ND	mg/L	0.001			E200.8	01/11/05 15:19 / sml
Molybdenum	ND	mg/L	0.1			E200.7	01/10/05 13:15 / ts
Nickel	ND	mg/L	0.05			E200.8	01/11/05 15:19 / sml
Selenium	0.022	mg/L	0.001			E200.8	01/11/05 15:19 / sml
Uranium	7.97	mg/L	0.0003			E200.8	01/11/05 15:19 / sml
Vanadium	ND	mg/L	0.1			E200.7	01/10/05 13:15 / ts
Zinc	ND	mg/L	0.01			E200.7	01/10/05 13:15 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-001
 Client Sample ID: BMP-11

Report Date: 01/20/05
 Collection Date: 12/28/04 10:50
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	380	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	6.0	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	3.46	%				Calculation	01/12/05 14:38 / smd
Anions	6.89	meq/L				Calculation	01/12/05 14:38 / smd
Cations	7.38	meq/L				Calculation	01/12/05 14:38 / smd
Solids, Total Dissolved Calculated	397	mg/L				Calculation	01/12/05 14:38 / smd
TDS Balance (0.80 - 1.20)	0.930	dec. %				Calculation	01/12/05 14:38 / smd

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04121128-002
Client Sample ID: BMP-12

Report Date: 01/20/05
Collection Date: 12/28/04 11:35
Date Received: 12/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	239	mg/L		1		A2320 B	01/05/05 09:27 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	01/05/05 09:27 / nlm
Bicarbonate as HCO3	291	mg/L		1		A2320 B	01/05/05 09:27 / nlm
Calcium	67	mg/L		1		E200.7	01/10/05 13:37 / ts
Chloride	6	mg/L		1		E200.7	01/10/05 13:37 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	01/04/05 10:45 / nlm
Magnesium	13	mg/L		1		E200.7	01/10/05 13:37 / ts
Nitrogen, Ammonia as N	0.26	mg/L		0.05		A4500-NH3 G	01/03/05 09:18 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	12/30/04 12:50 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.1		A4500-NO2 B	12/30/04 12:50 / jal
Potassium	5	mg/L		1		E200.7	01/10/05 13:37 / ts
Silica	12.3	mg/L		0.1		E200.7	01/10/05 13:37 / ts
Sodium	37	mg/L		1		E200.7	01/10/05 13:37 / ts
Sulfate	42	mg/L		1		E200.7	01/10/05 13:37 / ts

PHYSICAL PROPERTIES

Conductivity	531	umhos/cm		1.0		A2510 B	12/30/04 14:03 / dd
pH	7.23	s.u.		0.01		A4500-H B	12/30/04 15:14 / dd
Solids, Total Dissolved TDS @ 180 C	288	mg/L		10		A2540 C	12/30/04 16:29 / dd

METALS - DISSOLVED

Aluminum	ND	mg/L		0.1		E200.7	01/10/05 13:37 / ts
Arsenic	0.055	mg/L		0.001		E200.8	01/11/05 18:12 / sml
Barium	ND	mg/L		0.1		E200.7	01/10/05 13:37 / ts
Boron	ND	mg/L		0.1		E200.7	01/10/05 13:37 / ts
Cadmium	ND	mg/L		0.005		E200.8	01/11/05 18:12 / sml
Chromium	ND	mg/L		0.05		E200.7	01/10/05 13:37 / ts
Copper	ND	mg/L		0.01		E200.8	01/11/05 18:12 / sml
Iron	0.62	mg/L		0.03		E200.7	01/10/05 13:37 / ts
Lead	ND	mg/L		0.05		E200.8	01/11/05 18:12 / sml
Manganese	0.36	mg/L		0.01		E200.7	01/10/05 13:37 / ts
Mercury	ND	mg/L		0.001		E200.8	01/11/05 18:12 / sml
Molybdenum	ND	mg/L		0.1		E200.7	01/10/05 13:37 / ts
Nickel	ND	mg/L		0.05		E200.8	01/11/05 18:12 / sml
Selenium	0.035	mg/L		0.001		E200.8	01/11/05 18:12 / sml
Uranium	5.25	mg/L		0.0003		E200.8	01/11/05 18:12 / sml
Vanadium	ND	mg/L		0.1		E200.7	01/10/05 13:37 / ts
Zinc	ND	mg/L		0.01		E200.7	01/10/05 13:37 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-002
 Client Sample ID: BMP-12

Report Date: 01/20/05
 Collection Date: 12/28/04 11:35
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	427	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	6.3	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	3.57	%				Calculation	01/12/05 14:38 / smd
Anions	5.82	meq/L				Calculation	01/12/05 14:38 / smd
Cations	6.25	meq/L				Calculation	01/12/05 14:38 / smd
Solids, Total Dissolved Calculated	326	mg/L				Calculation	01/12/05 14:38 / smd
TDS Balance (0.80 - 1.20)	0.880	dec. %				Calculation	01/12/05 14:38 / smd

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-003
 Client Sample ID: BMP-13

Report Date: 01/20/05
 Collection Date: 12/28/04 11:40
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	229	mg/L		1		A2320 B	01/05/05 09:38 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	01/05/05 09:38 / nlm
Bicarbonate as HCO3	279	mg/L		1		A2320 B	01/05/05 09:38 / nlm
Calcium	74	mg/L		1		E200.7	01/10/05 13:48 / ts
Chloride	22	mg/L		1		E200.7	01/10/05 13:48 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	01/04/05 10:48 / nlm
Magnesium	16	mg/L		1		E200.7	01/10/05 13:48 / ts
Nitrogen, Ammonia as N	0.19	mg/L		0.05		A4500-NH3 G	01/03/05 09:20 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	12/30/04 12:45 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.1		A4500-NO2 B	12/30/04 12:45 / jal
Potassium	5	mg/L		1		E200.7	01/10/05 13:48 / ts
Silica	11.5	mg/L		0.1		E200.7	01/10/05 13:48 / ts
Sodium	51	mg/L		1		E200.7	01/10/05 13:48 / ts
Sulfate	85	mg/L		1		E200.7	01/10/05 13:48 / ts

PHYSICAL PROPERTIES

Conductivity	651	umhos/cm		1.0		A2510 B	12/30/04 14:05 / dd
pH	7.28	s.u.		0.01		A4500-H B	12/30/04 15:15 / dd
Solids, Total Dissolved TDS @ 180 C	365	mg/L		10		A2540 C	12/30/04 16:29 / dd

METALS - DISSOLVED

Aluminum	ND	mg/L		0.1		E200.7	01/10/05 13:48 / ts
Arsenic	0.025	mg/L		0.001		E200.8	01/11/05 18:19 / sml
Barium	ND	mg/L		0.1		E200.7	01/10/05 13:48 / ts
Boron	ND	mg/L		0.1		E200.7	01/10/05 13:48 / ts
Cadmium	ND	mg/L		0.005		E200.8	01/11/05 18:19 / sml
Chromium	ND	mg/L		0.05		E200.7	01/10/05 13:48 / ts
Copper	ND	mg/L		0.01		E200.8	01/11/05 18:19 / sml
Iron	0.36	mg/L		0.03		E200.7	01/10/05 13:48 / ts
Lead	ND	mg/L		0.05		E200.8	01/11/05 18:19 / sml
Manganese	0.31	mg/L		0.01		E200.7	01/10/05 13:48 / ts
Mercury	ND	mg/L		0.001		E200.8	01/11/05 18:19 / sml
Molybdenum	ND	mg/L		0.1		E200.7	01/10/05 13:48 / ts
Nickel	ND	mg/L		0.05		E200.8	01/11/05 18:19 / sml
Selenium	0.023	mg/L		0.001		E200.8	01/11/05 18:19 / sml
Uranium	2.36	mg/L		0.0003		E200.8	01/11/05 18:19 / sml
Vanadium	ND	mg/L		0.1		E200.7	01/10/05 13:48 / ts
Zinc	ND	mg/L		0.01		E200.7	01/10/05 13:48 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-003
 Client Sample ID: BMP-13

Report Date: 01/20/05
 Collection Date: 12/28/04 11:40
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	331	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	5.6	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	3.24	%				Calculation	01/12/05 14:39 / smd
Anions	6.99	meq/L				Calculation	01/12/05 14:39 / smd
Cations	7.46	meq/L				Calculation	01/12/05 14:39 / smd
Solids, Total Dissolved Calculated	404	mg/L				Calculation	01/12/05 14:39 / smd
TDS Balance (0.80 - 1.20)	0.900	dec. %				Calculation	01/12/05 14:39 / smd

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

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



LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-004
 Client Sample ID: BMP-14

Report Date: 01/20/05
 Collection Date: 12/28/04 11:55
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	276	mg/L		1		A2320 B	01/05/05 10:17 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	01/05/05 10:17 / nlm
Bicarbonate as HCO3	337	mg/L		1		A2320 B	01/05/05 10:17 / nlm
Calcium	90	mg/L		1		E200.7	01/10/05 13:51 / ts
Chloride	16	mg/L		1		E200.7	01/10/05 13:51 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	01/04/05 10:51 / nlm
Magnesium	20	mg/L		1		E200.7	01/10/05 13:51 / ts
Nitrogen, Ammonia as N	0.29	mg/L		0.05		A4500-NH3 G	01/03/05 09:22 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	12/30/04 13:00 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.1		A4500-NO2 B	12/30/04 13:00 / jal
Potassium	6	mg/L		1		E200.7	01/10/05 13:51 / ts
Silica	13.3	mg/L		0.1		E200.7	01/10/05 13:51 / ts
Sodium	52	mg/L		1		E200.7	01/10/05 13:51 / ts
Sulfate	102	mg/L		1		E200.7	01/10/05 13:51 / ts



PHYSICAL PROPERTIES

Conductivity	737	umhos/cm		1.0		A2510 B	12/30/04 14:06 / dd
pH	7.02	s.u.		0.01		A4500-H B	12/30/04 15:18 / dd
Solids, Total Dissolved TDS @ 180 C	439	mg/L		10		A2540 C	12/30/04 16:29 / dd

METALS - DISSOLVED

Aluminum	ND	mg/L		0.1		E200.7	01/10/05 13:51 / ts
Arsenic	0.192	mg/L		0.001		E200.8	01/11/05 18:26 / sml
Barium	ND	mg/L		0.1		E200.7	01/10/05 13:51 / ts
Boron	ND	mg/L		0.1		E200.7	01/10/05 13:51 / ts
Cadmium	ND	mg/L		0.005		E200.8	01/11/05 18:26 / sml
Chromium	ND	mg/L		0.05		E200.7	01/10/05 13:51 / ts
Copper	ND	mg/L		0.01		E200.8	01/11/05 18:26 / sml
Iron	1.78	mg/L		0.03		E200.7	01/10/05 13:51 / ts
Lead	ND	mg/L		0.05		E200.8	01/11/05 18:26 / sml
Manganese	0.38	mg/L		0.01		E200.7	01/10/05 13:51 / ts
Mercury	ND	mg/L		0.001		E200.8	01/11/05 18:26 / sml
Molybdenum	ND	mg/L		0.1		E200.7	01/10/05 13:51 / ts
Nickel	ND	mg/L		0.05		E200.8	01/11/05 18:26 / sml
Selenium	0.026	mg/L		0.001		E200.8	01/11/05 18:26 / sml
Uranium	5.64	mg/L		0.0003		E200.8	01/11/05 18:26 / sml
Vanadium	ND	mg/L		0.1		E200.7	01/10/05 13:51 / ts
Zinc	ND	mg/L		0.01		E200.7	01/10/05 13:51 / ts



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-004
 Client Sample ID: BMP-14

Report Date: 01/20/05
 Collection Date: 12/28/04 11:55
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	703	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	8.1	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	3.54	%				Calculation	01/12/05 14:39 / smd
Anions	8.09	meq/L				Calculation	01/12/05 14:39 / smd
Cations	8.69	meq/L				Calculation	01/12/05 14:39 / smd
Solids, Total Dissolved Calculated	465	mg/L				Calculation	01/12/05 14:39 / smd
TDS Balance (0.80 - 1.20)	0.940	dec. %				Calculation	01/12/05 14:39 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-005
 Client Sample ID: BMP-15

Report Date: 01/20/05
 Collection Date: 12/28/04 12:45
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	243	mg/L	1			A2320 B	01/05/05 10:30 / nlm
Carbonate as CO3	ND	mg/L	1			A2320 B	01/05/05 10:30 / nlm
Bicarbonate as HCO3	296	mg/L	1			A2320 B	01/05/05 10:30 / nlm
Calcium	67	mg/L	1			E200.7	01/10/05 13:55 / ts
Chloride	5	mg/L	1			E200.7	01/10/05 13:55 / ts
Fluoride	0.2	mg/L	0.1			A4500-F C	01/04/05 10:54 / nlm
Magnesium	14	mg/L	1			E200.7	01/10/05 13:55 / ts
Nitrogen, Ammonia as N	0.62	mg/L	0.05			A4500-NH3 G	01/03/05 09:24 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.1			E353.2	12/30/04 13:03 / jal
Nitrogen, Nitrite as N	ND	mg/L	0.1			A4500-NO2 B	12/30/04 13:03 / jal
Potassium	4	mg/L	1			E200.7	01/10/05 13:55 / ts
Silica	13.6	mg/L	0.1			E200.7	01/10/05 13:55 / ts
Sodium	42	mg/L	1			E200.7	01/10/05 13:55 / ts
Sulfate	44	mg/L	1			E200.7	01/10/05 13:55 / ts

PHYSICAL PROPERTIES

Conductivity	549	umhos/cm	1.0			A2510 B	12/30/04 14:08 / dd
pH	7.27	s.u.	0.01			A4500-H B	12/30/04 15:27 / dd
Solids, Total Dissolved TDS @ 180 C	306	mg/L	10			A2540 C	12/30/04 16:30 / dd

METALS - DISSOLVED

Aluminum	ND	mg/L	0.1			E200.7	01/10/05 13:55 / ts
Arsenic	0.034	mg/L	0.001			E200.8	01/11/05 18:41 / sml
Barium	ND	mg/L	0.1			E200.7	01/10/05 13:55 / ts
Boron	ND	mg/L	0.1			E200.7	01/10/05 13:55 / ts
Cadmium	ND	mg/L	0.005			E200.8	01/11/05 18:41 / sml
Chromium	ND	mg/L	0.05			E200.7	01/10/05 13:55 / ts
Copper	ND	mg/L	0.01			E200.8	01/11/05 18:41 / sml
Iron	0.56	mg/L	0.03			E200.7	01/10/05 13:55 / ts
Lead	ND	mg/L	0.05			E200.8	01/11/05 18:41 / sml
Manganese	0.29	mg/L	0.01			E200.7	01/10/05 13:55 / ts
Mercury	ND	mg/L	0.001			E200.8	01/11/05 18:41 / sml
Molybdenum	ND	mg/L	0.1			E200.7	01/10/05 13:55 / ts
Nickel	ND	mg/L	0.05			E200.8	01/11/05 18:41 / sml
Selenium	0.016	mg/L	0.001			E200.8	01/11/05 18:41 / sml
Uranium	4.72	mg/L	0.0003			E200.8	01/11/05 18:41 / sml
Vanadium	ND	mg/L	0.1			E200.7	01/10/05 13:55 / ts
Zinc	ND	mg/L	0.01			E200.7	01/10/05 13:55 / ts

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

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



LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-005
 Client Sample ID: BMP-15

Report Date: 01/20/05
 Collection Date: 12/28/04 12:45
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	587	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	9.8	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	4.69	%				Calculation	01/12/05 14:41 / smd
Anions	5.91	meq/L				Calculation	01/12/05 14:41 / smd
Cations	6.49	meq/L				Calculation	01/12/05 14:41 / smd
Solids, Total Dissolved Calculated	335	mg/L				Calculation	01/12/05 14:41 / smd
TDS Balance (0.80 - 1.20)	0.910	dec. %				Calculation	01/12/05 14:41 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-009
 Client Sample ID: BMP-18

Report Date: 01/20/05
 Collection Date: 12/28/04 08:40
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	378	mg/L	1			A2320 B	01/05/05 11:27 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	01/05/05 11:27 / nlm
Bicarbonate as HCO3	462	mg/L		1		A2320 B	01/05/05 11:27 / nlm
Calcium	126	mg/L		1		E200.7	01/10/05 14:07 / ts
Chloride	38	mg/L		1		E200.7	01/10/05 14:07 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	01/04/05 11:11 / nlm
Magnesium	29	mg/L		1		E200.7	01/10/05 14:07 / ts
Nitrogen, Ammonia as N	0.22	mg/L		0.05		A4500-NH3 G	01/03/05 09:38 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	12/30/04 13:45 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.1		A4500-NO2 B	12/30/04 13:45 / jal
Potassium	8	mg/L		1		E200.7	01/10/05 14:07 / ts
Silica	14.0	mg/L		0.1		E200.7	01/10/05 14:07 / ts
Sodium	51	mg/L		1		E200.7	01/10/05 14:07 / ts
Sulfate	84	mg/L		1		E200.7	01/10/05 14:07 / ts
PHYSICAL PROPERTIES							
Conductivity	935	umhos/cm		1.0		A2510 B	12/30/04 14:14 / dd
pH	7.23	s.u.		0.01		A4500-H B	12/30/04 15:30 / dd
Solids, Total Dissolved TDS @ 180 C	518	mg/L		10		A2540 C	12/30/04 16:31 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	01/10/05 14:07 / ts
Arsenic	0.005	mg/L		0.001		E200.8	01/11/05 20:06 / sml
Barium	ND	mg/L		0.1		E200.7	01/10/05 14:07 / ts
Boron	ND	mg/L		0.1		E200.7	01/10/05 14:07 / ts
Cadmium	ND	mg/L		0.005		E200.8	01/11/05 20:06 / sml
Chromium	ND	mg/L		0.05		E200.7	01/10/05 14:07 / ts
Copper	ND	mg/L		0.01		E200.8	01/11/05 20:06 / sml
Iron	0.52	mg/L		0.03		E200.7	01/10/05 14:07 / ts
Lead	ND	mg/L		0.05		E200.8	01/11/05 20:06 / sml
Manganese	0.40	mg/L		0.01		E200.7	01/10/05 14:07 / ts
Mercury	ND	mg/L		0.001		E200.8	01/11/05 20:06 / sml
Molybdenum	ND	mg/L		0.1		E200.7	01/10/05 14:07 / ts
Nickel	ND	mg/L		0.05		E200.8	01/11/05 20:06 / sml
Selenium	0.010	mg/L		0.001		E200.8	01/11/05 20:06 / sml
Uranium	2.90	mg/L		0.0003		E200.8	01/11/05 20:06 / sml
Vanadium	ND	mg/L		0.1		E200.7	01/10/05 14:07 / ts
Zinc	ND	mg/L		0.01		E200.7	01/10/05 14:07 / ts

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

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



LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-009
 Client Sample ID: BMP-18

Report Date: 01/20/05
 Collection Date: 12/28/04 08:40
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	472	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	6.7	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	3.69	%				Calculation	01/12/05 14:42 / smd
Anions	10.4	meq/L				Calculation	01/12/05 14:42 / smd
Cations	11.2	meq/L				Calculation	01/12/05 14:42 / smd
Solids, Total Dissolved Calculated	577	mg/L				Calculation	01/12/05 14:42 / smd
TDS Balance (0.80 - 1.20)	0.900	dec. %				Calculation	01/12/05 14:42 / smd



Report
 Definitions:

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

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





LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04121128-010
Client Sample ID: BMP-19

Report Date: 01/20/05
Collection Date: 12/28/04 08:55
Date Received: 12/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	253	mg/L	1			A2320 B	01/05/05 11:57 / nlm
Carbonate as CO3	ND	mg/L	1			A2320 B	01/05/05 11:57 / nlm
Bicarbonate as HCO3	308	mg/L	1			A2320 B	01/05/05 11:57 / nlm
Calcium	66	mg/L	1			E200.7	01/10/05 14:10 / ts
Chloride	14	mg/L	1			E200.7	01/10/05 14:10 / ts
Fluoride	0.1	mg/L	0.1			A4500-F C	01/04/05 11:14 / nlm
Magnesium	16	mg/L	1			E200.7	01/10/05 14:10 / ts
Nitrogen, Ammonia as N	0.24	mg/L	0.05			A4500-NH3 G	01/03/05 09:40 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.1			E353.2	12/30/04 13:47 / jal
Nitrogen, Nitrite as N	ND	mg/L	0.1			A4500-NO2 B	12/30/04 13:47 / jal
Potassium	5	mg/L	1			E200.7	01/10/05 14:10 / ts
Silica	17.5	mg/L	0.1			E200.7	01/10/05 14:10 / ts
Sodium	43	mg/L	1			E200.7	01/10/05 14:10 / ts
Sulfate	33	mg/L	1			E200.7	01/10/05 14:10 / ts

PHYSICAL PROPERTIES

Conductivity	583	umhos/cm	1.0			A2510 B	12/30/04 14:15 / dd
pH	6.81	s.u.	0.01			A4500-H B	12/30/04 15:31 / dd
Solids, Total Dissolved TDS @ 180 C	317	mg/L	10			A2540 C	12/30/04 16:31 / dd

METALS - DISSOLVED

Aluminum	ND	mg/L	0.1			E200.7	01/10/05 14:10 / ts
Arsenic	0.021	mg/L	0.001			E200.8	01/11/05 20:13 / sml
Barium	ND	mg/L	0.1			E200.7	01/10/05 14:10 / ts
Boron	ND	mg/L	0.1			E200.7	01/10/05 14:10 / ts
Cadmium	ND	mg/L	0.005			E200.8	01/11/05 20:13 / sml
Chromium	ND	mg/L	0.05			E200.7	01/10/05 14:10 / ts
Copper	ND	mg/L	0.01			E200.8	01/11/05 20:13 / sml
Iron	5.30	mg/L	0.03			E200.7	01/10/05 14:10 / ts
Lead	ND	mg/L	0.05			E200.8	01/11/05 20:13 / sml
Manganese	0.29	mg/L	0.01			E200.7	01/10/05 14:10 / ts
Mercury	ND	mg/L	0.001			E200.8	01/11/05 20:13 / sml
Molybdenum	ND	mg/L	0.1			E200.7	01/10/05 14:10 / ts
Nickel	ND	mg/L	0.05			E200.7	01/10/05 14:10 / ts
Selenium	0.003	mg/L	0.001			E200.8	01/11/05 20:13 / sml
Uranium	0.930	mg/L	0.0003			E200.8	01/11/05 20:13 / sml
Vanadium	ND	mg/L	0.1			E200.7	01/10/05 14:10 / ts
Zinc	ND	mg/L	0.01			E200.7	01/10/05 14:10 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-010
 Client Sample ID: BMP-19

Report Date: 01/20/05
 Collection Date: 12/28/04 08:55
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	171	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	3.2	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	4.79	%				Calculation	01/12/05 14:42 / smd
Anions	6.14	meq/L				Calculation	01/12/05 14:42 / smd
Cations	6.76	meq/L				Calculation	01/12/05 14:42 / smd
Solids, Total Dissolved Calculated	346	mg/L				Calculation	01/12/05 14:42 / smd
TDS Balance (0.80 - 1.20)	0.920	dec. %				Calculation	01/12/05 14:42 / smd

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-011
 Client Sample ID: BMP-20

Report Date: 01/20/05
 Collection Date: 12/28/04 09:10
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	298	mg/L		1		A2320 B	01/05/05 12:09 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	01/05/05 12:09 / nlm
Bicarbonate as HCO3	363	mg/L		1		A2320 B	01/05/05 12:09 / nlm
Calcium	82	mg/L		1		E200.7	01/10/05 14:13 / ts
Chloride	6	mg/L		1		E200.7	01/10/05 14:13 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	01/04/05 13:23 / nlm
Magnesium	14	mg/L		1		E200.7	01/10/05 14:13 / ts
Nitrogen, Ammonia as N	0.37	mg/L		0.05		A4500-NH3 G	01/03/05 09:46 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	12/30/04 13:50 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.1		A4500-NO2 B	12/30/04 13:50 / jal
Potassium	4	mg/L		1		E200.7	01/10/05 14:13 / ts
Silica	16.2	mg/L		0.1		E200.7	01/10/05 14:13 / ts
Sodium	63	mg/L		1		E200.7	01/10/05 14:13 / ts
Sulfate	72	mg/L		1		E200.7	01/10/05 14:13 / ts
PHYSICAL PROPERTIES							
Conductivity	692	umhos/cm		1.0		A2510 B	12/30/04 14:16 / dd
pH	7.04	s.u.		0.01		A4500-H B	12/30/04 15:32 / dd
Solids, Total Dissolved TDS @ 180 C	405	mg/L		10		A2540 C	12/30/04 16:31 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	01/10/05 14:13 / ts
Arsenic	0.042	mg/L		0.001		E200.8	01/11/05 20:21 / sml
Barium	ND	mg/L		0.1		E200.7	01/10/05 14:13 / ts
Boron	ND	mg/L		0.1		E200.7	01/10/05 14:13 / ts
Cadmium	ND	mg/L		0.005		E200.8	01/11/05 20:21 / sml
Chromium	ND	mg/L		0.05		E200.7	01/10/05 14:13 / ts
Copper	ND	mg/L		0.01		E200.8	01/11/05 20:21 / sml
Iron	1.57	mg/L		0.03		E200.7	01/10/05 14:13 / ts
Lead	ND	mg/L		0.05		E200.8	01/11/05 20:21 / sml
Manganese	1.04	mg/L		0.01		E200.7	01/10/05 14:13 / ts
Mercury	ND	mg/L		0.001		E200.8	01/11/05 20:21 / sml
Molybdenum	ND	mg/L		0.1		E200.7	01/10/05 14:13 / ts
Nickel	ND	mg/L		0.05		E200.8	01/11/05 20:21 / sml
Selenium	0.003	mg/L		0.001		E200.8	01/11/05 20:21 / sml
Uranium	2.51	mg/L		0.0003		E200.8	01/11/05 20:21 / sml
Vanadium	ND	mg/L		0.1		E200.7	01/10/05 14:13 / ts
Zinc	ND	mg/L		0.01		E200.7	01/10/05 14:13 / ts

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

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



LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-011
 Client Sample ID: BMP-20

Report Date: 01/20/05
 Collection Date: 12/28/04 09:10
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	609	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	7.5	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	3.97	%				Calculation	01/12/05 14:43 / smd
Anions	7.61	meq/L				Calculation	01/12/05 14:43 / smd
Cations	8.24	meq/L				Calculation	01/12/05 14:43 / smd
Solids, Total Dissolved Calculated	436	mg/L				Calculation	01/12/05 14:43 / smd
TDS Balance (0.80 - 1.20)	0.930	dec. %				Calculation	01/12/05 14:43 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-012
 Client Sample ID: BMP-21

Report Date: 01/20/05
 Collection Date: 12/28/04 09:25
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	309	mg/L		1		A2320 B	01/05/05 12:23 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	01/05/05 12:23 / nlm
Bicarbonate as HCO3	377	mg/L		1		A2320 B	01/05/05 12:23 / nlm
Calcium	107	mg/L		1		E200.7	01/10/05 14:16 / ts
Chloride	15	mg/L		1		E200.7	01/10/05 14:16 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	01/04/05 13:27 / nlm
Magnesium	19	mg/L		1		E200.7	01/10/05 14:16 / ts
Nitrogen, Ammonia as N	0.41	mg/L		0.05		A4500-NH3 G	01/03/05 09:48 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	12/30/04 14:00 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.1		A4500-NO2 B	12/30/04 14:00 / jal
Potassium	5	mg/L		1		E200.7	01/10/05 14:16 / ts
Silica	17.8	mg/L		0.1		E200.7	01/10/05 14:16 / ts
Sodium	35	mg/L		1		E200.7	01/10/05 14:16 / ts
Sulfate	73	mg/L		1		E200.7	01/10/05 14:16 / ts
PHYSICAL PROPERTIES							
Conductivity	745	umhos/cm		1.0		A2510 B	12/30/04 14:17 / dd
pH	6.88	s.u.		0.01		A4500-H B	12/30/04 15:33 / dd
Solids, Total Dissolved TDS @ 180 C	428	mg/L		10		A2540 C	12/30/04 16:31 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	01/10/05 14:16 / ts
Arsenic	0.419	mg/L		0.001		E200.8	01/11/05 20:28 / sml
Barium	0.2	mg/L		0.1		E200.7	01/10/05 14:16 / ts
Boron	ND	mg/L		0.1		E200.7	01/10/05 14:16 / ts
Cadmium	ND	mg/L		0.005		E200.8	01/11/05 20:28 / sml
Chromium	ND	mg/L		0.05		E200.7	01/10/05 14:16 / ts
Copper	ND	mg/L		0.01		E200.8	01/11/05 20:28 / sml
Iron	4.00	mg/L		0.03		E200.7	01/10/05 14:16 / ts
Lead	ND	mg/L		0.05		E200.8	01/11/05 20:28 / sml
Manganese	1.00	mg/L		0.01		E200.7	01/10/05 14:16 / ts
Mercury	ND	mg/L		0.001		E200.8	01/11/05 20:28 / sml
Molybdenum	ND	mg/L		0.1		E200.7	01/10/05 14:16 / ts
Nickel	ND	mg/L		0.05		E200.8	01/11/05 20:28 / sml
Selenium	0.001	mg/L		0.001		E200.8	01/11/05 20:28 / sml
Uranium	0.830	mg/L		0.0003		E200.8	01/11/05 20:28 / sml
Vanadium	ND	mg/L		0.1		E200.7	01/10/05 14:16 / ts
Zinc	ND	mg/L		0.01		E200.7	01/10/05 14:16 / ts

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

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



LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-012
 Client Sample ID: BMP-21

Report Date: 01/20/05
 Collection Date: 12/28/04 09:25
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	1510	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	11.8	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	4.23	%				Calculation	01/12/05 14:43 / smd
Anions	8.11	meq/L				Calculation	01/12/05 14:43 / smd
Cations	8.83	meq/L				Calculation	01/12/05 14:43 / smd
Solids, Total Dissolved Calculated	458	mg/L				Calculation	01/12/05 14:43 / smd
TDS Balance (0.80 - 1.20)	0.930	.dec. %				Calculation	01/12/05 14:43 / smd



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

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



LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-013
 Client Sample ID: BMP-22

Report Date: 01/20/05
 Collection Date: 12/28/04 10:25
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	293	mg/L		1		A2320 B	01/05/05 15:34 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	01/05/05 15:34 / nlm
Bicarbonate as HCO3	358	mg/L		1		A2320 B	01/05/05 15:34 / nlm
Calcium	82	mg/L		1		E200.7	01/14/05 12:45 / ts
Chloride	12	mg/L		1		E200.7	01/14/05 12:45 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	01/04/05 13:31 / nlm
Magnesium	19	mg/L		1		E200.7	01/14/05 12:45 / ts
Nitrogen, Ammonia as N	0.35	mg/L		0.05		A4500-NH3 G	01/03/05 09:50 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	12/30/04 14:02 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.1		A4500-NO2 B	12/30/04 14:02 / jal
Potassium	6	mg/L		1		E200.7	01/10/05 14:28 / ts
Silica	19.4	mg/L		0.1		E200.7	01/10/05 14:28 / ts
Sodium	28	mg/L		1		E200.7	01/14/05 12:45 / ts
Sulfate	31	mg/L		1		E200.7	01/10/05 14:28 / ts



PHYSICAL PROPERTIES

Conductivity	639	umhos/cm		1.0		A2510 B	12/30/04 14:18 / dd
pH	6.83	s.u.		0.01		A4500-H B	12/30/04 15:34 / dd
Solids, Total Dissolved TDS @ 180 C	349	mg/L		10		A2540 C	12/30/04 16:32 / dd

METALS - DISSOLVED

Aluminum	ND	mg/L		0.1		E200.7	01/10/05 14:28 / ts
Arsenic	0.266	mg/L		0.001		E200.8	01/11/05 20:42 / sml
Barium	0.2	mg/L		0.1		E200.7	01/10/05 14:28 / ts
Boron	ND	mg/L		0.1		E200.7	01/10/05 14:28 / ts
Cadmium	ND	mg/L		0.005		E200.8	01/11/05 20:42 / sml
Chromium	ND	mg/L		0.05		E200.7	01/10/05 14:28 / ts
Copper	ND	mg/L		0.01		E200.8	01/11/05 20:42 / sml
Iron	7.11	mg/L		0.03		E200.7	01/10/05 14:28 / ts
Lead	ND	mg/L		0.05		E200.8	01/11/05 20:42 / sml
Manganese	0.53	mg/L		0.01		E200.7	01/10/05 14:28 / ts
Mercury	ND	mg/L		0.001		E200.8	01/11/05 20:42 / sml
Molybdenum	ND	mg/L		0.1		E200.7	01/10/05 14:28 / ts
Nickel	ND	mg/L		0.05		E200.8	01/11/05 20:42 / sml
Selenium	0.001	mg/L		0.001		E200.8	01/11/05 20:42 / sml
Uranium	2.78	mg/L		0.0003		E200.8	01/11/05 20:42 / sml
Vanadium	ND	mg/L		0.1		E200.7	01/10/05 14:28 / ts
Zinc	ND	mg/L		0.01		E200.7	01/10/05 14:28 / ts



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

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



LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-013
 Client Sample ID: BMP-22

Report Date: 01/20/05
 Collection Date: 12/28/04 10:25
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	861	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	9.0	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	1.79	%				Calculation	01/17/05 13:57 / smd
Anions	6.87	meq/L				Calculation	01/17/05 13:57 / smd
Cations	7.12	meq/L				Calculation	01/17/05 13:57 / smd
Solids, Total Dissolved Calculated	374	mg/L				Calculation	01/17/05 13:57 / smd
TDS Balance (0.80 - 1.20)	0.930	dec. %				Calculation	01/17/05 13:57 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-014
 Client Sample ID: BMP-23

Report Date: 01/20/05
 Collection Date: 12/28/04 10:40
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	213	mg/L	1			A2320 B	01/05/05 12:41 / nlm
Carbonate as CO3	ND	mg/L	1			A2320 B	01/05/05 12:41 / nlm
Bicarbonate as HCO3	260	mg/L	1			A2320 B	01/05/05 12:41 / nlm
Calcium	76	mg/L	1			E200.7	01/10/05 14:31 / ts
Chloride	4	mg/L	1			E200.7	01/10/05 14:31 / ts
Fluoride	0.2	mg/L	0.1			A4500-F C	01/04/05 13:35 / nlm
Magnesium	16	mg/L	1			E200.7	01/10/05 14:31 / ts
Nitrogen, Ammonia as N	0.26	mg/L	0.05			A4500-NH3 G	01/03/05 09:52 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.1			E353.2	12/30/04 14:07 / jal
Nitrogen, Nitrite as N	ND	mg/L	0.1			A4500-NO2 B	12/30/04 14:07 / jal
Potassium	5	mg/L	1			E200.7	01/10/05 14:31 / ts
Silica	12.1	mg/L	0.1			E200.7	01/10/05 14:31 / ts
Sodium	33	mg/L	1			E200.7	01/10/05 14:31 / ts
Sulfate	89	mg/L	1			E200.7	01/10/05 14:31 / ts

PHYSICAL PROPERTIES

Conductivity	585	umhos/cm	1.0			A2510 B	12/30/04 14:19 / dd
pH	6.95	s.u.	0.01			A4500-H B	12/30/04 15:34 / dd
Solids, Total Dissolved TDS @ 180 C	346	mg/L	10			A2540 C	12/30/04 16:32 / dd

METALS - DISSOLVED

Aluminum	ND	mg/L	0.1			E200.7	01/10/05 14:31 / ts
Arsenic	0.076	mg/L	0.001			E200.8	01/11/05 21:18 / sml
Barium	0.1	mg/L	0.1			E200.7	01/10/05 14:31 / ts
Boron	ND	mg/L	0.1			E200.7	01/10/05 14:31 / ts
Cadmium	ND	mg/L	0.005			E200.8	01/11/05 21:18 / sml
Chromium	ND	mg/L	0.05			E200.7	01/10/05 14:31 / ts
Copper	ND	mg/L	0.01			E200.8	01/11/05 21:18 / sml
Iron	2.86	mg/L	0.03			E200.7	01/10/05 14:31 / ts
Lead	ND	mg/L	0.05			E200.8	01/11/05 21:18 / sml
Manganese	0.45	mg/L	0.01			E200.7	01/10/05 14:31 / ts
Mercury	ND	mg/L	0.001			E200.8	01/11/05 21:18 / sml
Molybdenum	ND	mg/L	0.1			E200.7	01/10/05 14:31 / ts
Nickel	ND	mg/L	0.05			E200.8	01/11/05 21:18 / sml
Selenium	0.025	mg/L	0.001			E200.8	01/11/05 21:18 / sml
Uranium	2.37	mg/L	0.0003			E200.8	01/11/05 21:18 / sml
Vanadium	ND	mg/L	0.1			E200.7	01/10/05 14:31 / ts
Zinc	ND	mg/L	0.01			E200.7	01/10/05 14:31 / ts

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

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



LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-014
 Client Sample ID: BMP-23

Report Date: 01/20/05
 Collection Date: 12/28/04 10:40
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	839	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	9.0	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	4.81	%				Calculation	01/12/05 14:44 / smd
Anions	6.24	meq/L				Calculation	01/12/05 14:44 / smd
Cations	6.87	meq/L				Calculation	01/12/05 14:44 / smd
Solids, Total Dissolved Calculated	364	mg/L				Calculation	01/12/05 14:44 / smd
TDS Balance (0.80 - 1.20)	0.950	dec. %				Calculation	01/12/05 14:44 / smd



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

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



LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-015
 Client Sample ID: BMP-24

Report Date: 01/20/05
 Collection Date: 12/28/04 10:55
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	364	mg/L	1			A2320 B	01/05/05 12:54 / nlm
Carbonate as CO3	ND	mg/L	1			A2320 B	01/05/05 12:54 / nlm
Bicarbonate as HCO3	444	mg/L	1			A2320 B	01/05/05 12:54 / nlm
Calcium	118	mg/L	1			E200.7	01/14/05 12:48 / ts
Chloride	13	mg/L	1			E200.7	01/14/05 12:48 / ts
Fluoride	0.1	mg/L	0.1			A4500-F C	01/04/05 13:38 / nlm
Magnesium	19	mg/L	1			E200.7	01/14/05 12:48 / ts
Nitrogen, Ammonia as N	0.43	mg/L	0.05			A4500-NH3 G	01/03/05 09:54 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.1			E353.2	12/30/04 14:10 / jal
Nitrogen, Nitrite as N	ND	mg/L	0.1			A4500-NO2 B	12/30/04 14:10 / jal
Potassium	5	mg/L	1			E200.7	01/10/05 14:34 / ts
Silica	18.2	mg/L	0.1			E200.7	01/10/05 14:34 / ts
Sodium	19	mg/L	1			E200.7	01/14/05 12:48 / ts
Sulfate	23	mg/L	1			E200.7	01/10/05 14:34 / ts
PHYSICAL PROPERTIES							
Conductivity	747	umhos/cm	1.0			A2510 B	12/30/04 14:24 / dd
pH	6.94	s.u.	0.01			A4500-H B	12/30/04 15:36 / dd
Solids, Total Dissolved TDS @ 180 C	420	mg/L	10			A2540 C	12/30/04 16:33 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L	0.1			E200.7	01/10/05 14:34 / ts
Arsenic	0.026	mg/L	0.001			E200.8	01/11/05 21:25 / sml
Barium	0.2	mg/L	0.1			E200.7	01/10/05 14:34 / ts
Boron	ND	mg/L	0.1			E200.7	01/10/05 14:34 / ts
Cadmium	ND	mg/L	0.005			E200.8	01/11/05 21:25 / sml
Chromium	ND	mg/L	0.05			E200.7	01/10/05 14:34 / ts
Copper	ND	mg/L	0.01			E200.8	01/11/05 21:25 / sml
Iron	4.22	mg/L	0.03			E200.7	01/10/05 14:34 / ts
Lead	ND	mg/L	0.05			E200.8	01/11/05 21:25 / sml
Manganese	1.12	mg/L	0.01			E200.7	01/10/05 14:34 / ts
Mercury	ND	mg/L	0.001			E200.8	01/11/05 21:25 / sml
Molybdenum	ND	mg/L	0.1			E200.7	01/10/05 14:34 / ts
Nickel	ND	mg/L	0.05			E200.8	01/11/05 21:25 / sml
Selenium	0.002	mg/L	0.001			E200.8	01/11/05 21:25 / sml
Uranium	0.522	mg/L	0.0003			E200.8	01/11/05 21:25 / sml
Vanadium	ND	mg/L	0.1			E200.7	01/10/05 14:34 / ts
Zinc	ND	mg/L	0.01			E200.7	01/10/05 14:34 / ts



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-015
 Client Sample ID: BMP-24

Report Date: 01/20/05
 Collection Date: 12/28/04 10:55
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	312	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	5.4	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	2.22	%				Calculation	01/17/05 13:59 / smd
Anions	8.12	meq/L				Calculation	01/17/05 13:59 / smd
Cations	8.49	meq/L				Calculation	01/17/05 13:59 / smd
Solids, Total Dissolved Calculated	433	mg/L				Calculation	01/17/05 13:59 / smd
TDS Balance (0.80 - 1.20)	0.970	dec. %				Calculation	01/17/05 13:59 / smd

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-016
 Client Sample ID: BMP-25

Report Date: 01/20/05
 Collection Date: 12/28/04 11:10
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	251	mg/L		1		A2320 B	01/05/05 13:07 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	01/05/05 13:07 / nlm
Bicarbonate as HCO3	306	mg/L		1		A2320 B	01/05/05 13:07 / nlm
Calcium	97	mg/L		1		E200.7	01/10/05 14:56 / ts
Chloride	8	mg/L		1		E200.7	01/10/05 14:56 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	01/04/05 13:42 / nlm
Magnesium	20	mg/L		1		E200.7	01/10/05 14:56 / ts
Nitrogen, Ammonia as N	0.20	mg/L		0.05		A4500-NH3 G	01/03/05 10:02 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	12/30/04 14:12 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.1		A4500-NO2 B	12/30/04 14:12 / jal
Potassium	7	mg/L		1		E200.7	01/10/05 14:56 / ts
Silica	18.4	mg/L		0.1		E200.7	01/10/05 14:56 / ts
Sodium	40	mg/L		1		E200.7	01/10/05 14:56 / ts
Sulfate	127	mg/L		1		E200.7	01/10/05 14:56 / ts
PHYSICAL PROPERTIES							
Conductivity	727	umhos/cm		1.0		A2510 B	12/30/04 14:25 / dd
pH	6.88	s.u.		0.01		A4500-H B	12/30/04 15:37 / dd
Solids, Total Dissolved TDS @ 180 C	446	mg/L		10		A2540 C	12/30/04 16:33 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	01/10/05 14:56 / ts
Arsenic	0.024	mg/L		0.001		E200.8	01/11/05 21:32 / sml
Barium	0.1	mg/L		0.1		E200.7	01/10/05 14:56 / ts
Boron	ND	mg/L		0.1		E200.7	01/10/05 14:56 / ts
Cadmium	ND	mg/L		0.005		E200.8	01/11/05 21:32 / sml
Chromium	ND	mg/L		0.05		E200.7	01/10/05 14:56 / ts
Copper	ND	mg/L		0.01		E200.8	01/11/05 21:32 / sml
Iron	3.19	mg/L		0.03		E200.7	01/10/05 14:56 / ts
Lead	ND	mg/L		0.05		E200.8	01/11/05 21:32 / sml
Manganese	0.36	mg/L		0.01		E200.7	01/10/05 14:56 / ts
Mercury	ND	mg/L		0.001		E200.8	01/11/05 21:32 / sml
Molybdenum	ND	mg/L		0.1		E200.7	01/10/05 14:56 / ts
Nickel	ND	mg/L		0.05		E200.8	01/11/05 21:32 / sml
Selenium	0.005	mg/L		0.001		E200.8	01/11/05 21:32 / sml
Uranium	0.894	mg/L		0.0003		E200.8	01/11/05 21:32 / sml
Vanadium	ND	mg/L		0.1		E200.7	01/10/05 14:56 / ts
Zinc	ND	mg/L		0.01		E200.7	01/10/05 14:56 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-016
 Client Sample ID: BMP-25

Report Date: 01/20/05
 Collection Date: 12/28/04 11:10
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	460	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	6.6	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	4.04	%				Calculation	01/12/05 14:44 / smd
Anions	7.89	meq/L				Calculation	01/12/05 14:44 / smd
Cations	8.56	meq/L				Calculation	01/12/05 14:44 / smd
Solids, Total Dissolved Calculated	468	mg/L				Calculation	01/12/05 14:44 / smd
TDS Balance (0.80 - 1.20)	0.950	dec. %				Calculation	01/12/05 14:44 / smd

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-017
 Client Sample ID: BMP-26

Report Date: 01/20/05
 Collection Date: 12/28/04 11:25
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	329	mg/L		1		A2320 B	01/05/05 13:21 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	01/05/05 13:21 / nlm
Bicarbonate as HCO3	402	mg/L		1		A2320 B	01/05/05 13:21 / nlm
Calcium	84	mg/L		1		E200.7	01/11/05 12:44 / ts
Chloride	11	mg/L		1		E200.7	01/11/05 12:44 / ts
Fluoride	0.1	mg/L		0.1		A4500-F C	01/04/05 13:50 / nlm
Magnesium	17	mg/L		1		E200.7	01/11/05 12:44 / ts
Nitrogen, Ammonia as N	0.16	mg/L		0.05		A4500-NH3 G	01/03/05 10:04 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	12/30/04 14:22 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.1		A4500-NO2 B	12/30/04 14:22 / jal
Potassium	9	mg/L		1		E200.7	01/11/05 12:44 / ts
Silica	12.3	mg/L		0.1		E200.7	01/11/05 12:44 / ts
Sodium	53	mg/L		1		E200.7	01/11/05 12:44 / ts
Sulfate	28	mg/L		1		E200.7	01/11/05 12:44 / ts

PHYSICAL PROPERTIES							
Conductivity	649	umhos/cm		1.0		A2510 B	12/30/04 14:27 / dd
pH	7.41	s.u.		0.01		A4500-H B	12/30/04 15:38 / dd
Solids, Total Dissolved TDS @ 180 C	366	mg/L		10		A2540 C	12/30/04 16:33 / dd

METALS - DISSOLVED

Aluminum	ND	mg/L		0.1		E200.7	01/11/05 12:44 / ts
Arsenic	0.008	mg/L		0.001		E200.8	01/11/05 21:46 / sml
Barium	ND	mg/L		0.1		E200.7	01/11/05 12:44 / ts
Boron	0.1	mg/L		0.1		E200.7	01/11/05 12:44 / ts
Cadmium	ND	mg/L		0.005		E200.8	01/11/05 21:46 / sml
Chromium	ND	mg/L		0.05		E200.7	01/11/05 12:44 / ts
Copper	ND	mg/L		0.01		E200.8	01/11/05 21:46 / sml
Iron	0.08	mg/L		0.03		E200.7	01/11/05 12:44 / ts
Lead	ND	mg/L		0.05		E200.8	01/11/05 21:46 / sml
Manganese	0.26	mg/L		0.01		E200.7	01/11/05 12:44 / ts
Mercury	ND	mg/L		0.001		E200.8	01/11/05 21:46 / sml
Molybdenum	ND	mg/L		0.1		E200.7	01/11/05 12:44 / ts
Nickel	ND	mg/L		0.05		E200.8	01/11/05 21:46 / sml
Selenium	0.005	mg/L		0.001		E200.8	01/11/05 21:46 / sml
Uranium	1.32	mg/L		0.0003		E200.8	01/11/05 21:46 / sml
Vanadium	ND	mg/L		0.1		E200.7	01/11/05 12:44 / ts
Zinc	ND	mg/L		0.01		E200.7	01/11/05 12:44 / ts

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

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



LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-017
 Client Sample ID: BMP-26

Report Date: 01/20/05
 Collection Date: 12/28/04 11:25
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	572	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	7.4	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	4.38	%				Calculation	01/12/05 14:44 / smd
Anions	7.48	meq/L				Calculation	01/12/05 14:44 / smd
Cations	8.17	meq/L				Calculation	01/12/05 14:44 / smd
Solids, Total Dissolved Calculated	412	mg/L				Calculation	01/12/05 14:44 / smd
TDS Balance (0.80 - 1.20)	0.890	dec. %				Calculation	01/12/05 14:44 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C04121128-018
Client Sample ID: BMP-27

Report Date: 01/20/05
Collection Date: 12/28/04 12:50
Date Received: 12/29/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	338	mg/L	1			A2320 B	01/05/05 14:06 / nlm
Carbonate as CO3	ND	mg/L	1			A2320 B	01/05/05 14:06 / nlm
Bicarbonate as HCO3	412	mg/L	1			A2320 B	01/05/05 14:06 / nlm
Calcium	139	mg/L	1			E200.7	01/11/05 13:05 / ts
Chloride	12	mg/L	1			E200.7	01/11/05 13:05 / ts
Fluoride	0.1	mg/L	0.1			A4500-F C	01/04/05 13:54 / nlm
Magnesium	23	mg/L	1			E200.7	01/11/05 13:05 / ts
Nitrogen, Ammonia as N	0.11	mg/L	0.05			A4500-NH3 G	01/03/05 10:06 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.1			E353.2	12/30/04 14:25 / jal
Nitrogen, Nitrite as N	ND	mg/L	0.1			A4500-NO2 B	12/30/04 14:25 / jal
Potassium	6	mg/L	1			E200.7	01/11/05 13:05 / ts
Silica	11.7	mg/L	0.1			E200.7	01/11/05 13:05 / ts
Sodium	25	mg/L	1			E200.7	01/11/05 13:05 / ts
Sulfate	111	mg/L	1			E200.7	01/11/05 13:05 / ts
PHYSICAL PROPERTIES							
Conductivity	829	umhos/cm	1.0			A2510 B	12/30/04 14:28 / dd
pH	7.07	s.u.	0.01			A4500-H B	12/30/04 15:47 / dd
Solids, Total Dissolved TDS @ 180 C	521	mg/L	10			A2540 C	12/30/04 16:34 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L	0.1			E200.7	01/11/05 13:05 / ts
Arsenic	0.002	mg/L	0.001			E200.8	01/11/05 21:53 / sml
Barium	0.1	mg/L	0.1			E200.7	01/11/05 13:05 / ts
Boron	ND	mg/L	0.1			E200.7	01/11/05 13:05 / ts
Cadmium	ND	mg/L	0.005			E200.8	01/11/05 21:53 / sml
Chromium	ND	mg/L	0.05			E200.7	01/11/05 13:05 / ts
Copper	ND	mg/L	0.01			E200.8	01/11/05 21:53 / sml
Iron	0.52	mg/L	0.03			E200.7	01/11/05 13:05 / ts
Lead	ND	mg/L	0.05			E200.8	01/11/05 21:53 / sml
Manganese	0.76	mg/L	0.01			E200.7	01/11/05 13:05 / ts
Mercury	ND	mg/L	0.001			E200.8	01/11/05 21:53 / sml
Molybdenum	ND	mg/L	0.1			E200.7	01/11/05 13:05 / ts
Nickel	ND	mg/L	0.05			E200.8	01/11/05 21:53 / sml
Selenium	0.027	mg/L	0.001			E200.8	01/11/05 21:53 / sml
Uranium	2.28	mg/L	0.0003			E200.8	01/11/05 21:53 / sml
Vanadium	ND	mg/L	0.1			E200.7	01/11/05 13:05 / ts
Zinc	ND	mg/L	0.01			E200.7	01/11/05 13:05 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-018
 Client Sample ID: BMP-27

Report Date: 01/20/05
 Collection Date: 12/28/04 12:50
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	951	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	9.5	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	3.86	%				Calculation	01/12/05 14:45 / smd
Anions	9.40	meq/L				Calculation	01/12/05 14:45 / smd
Cations	10.2	meq/L				Calculation	01/12/05 14:45 / smd
Solids, Total Dissolved Calculated	530	mg/L				Calculation	01/12/05 14:45 / smd
TDS Balance (0.80 - 1.20)	0.980	dec. %				Calculation	01/12/05 14:45 / smd

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-019
 Client Sample ID: BMP-28

Report Date: 01/20/05
 Collection Date: 12/28/04 12:30
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	274	mg/L	1			A2320 B	01/05/05 14:20 / nlm
Carbonate as CO3	ND	mg/L	1			A2320 B	01/05/05 14:20 / nlm
Bicarbonate as HCO3	335	mg/L	1			A2320 B	01/05/05 14:20 / nlm
Calcium	79	mg/L	1			E200.7	01/11/05 13:17 / ts
Chloride	12	mg/L	1			E200.7	01/11/05 13:17 / ts
Fluoride	0.2	mg/L	0.1			A4500-F C	01/04/05 13:58 / nlm
Magnesium	18	mg/L	1			E200.7	01/11/05 13:17 / ts
Nitrogen, Ammonia as N	0.31	mg/L	0.05			A4500-NH3 G	01/03/05 10:08 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.1			E353.2	12/30/04 14:27 / jal
Nitrogen, Nitrite as N	ND	mg/L	0.1			A4500-NO2 B	12/30/04 14:27 / jal
Potassium	7	mg/L	1			E200.7	01/11/05 13:17 / ts
Silica	15.3	mg/L	0.1			E200.7	01/11/05 13:17 / ts
Sodium	48	mg/L	1			E200.7	01/11/05 13:17 / ts
Sulfate	65	mg/L	1			E200.7	01/11/05 13:17 / ts
PHYSICAL PROPERTIES							
Conductivity	658	umhos/cm	1.0			A2510 B	12/30/04 14:29 / dd
pH	7.31	s.u.	0.01			A4500-H B	12/30/04 15:48 / dd
Solids, Total Dissolved TDS @ 180 C	390	mg/L	10			A2540 C	12/30/04 16:34 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L	0.1			E200.7	01/11/05 13:17 / ts
Arsenic	0.017	mg/L	0.001			E200.8	01/11/05 22:50 / sml
Barium	ND	mg/L	0.1			E200.7	01/11/05 13:17 / ts
Boron	ND	mg/L	0.1			E200.7	01/11/05 13:17 / ts
Cadmium	ND	mg/L	0.005			E200.8	01/11/05 22:50 / sml
Chromium	ND	mg/L	0.05			E200.7	01/11/05 13:17 / ts
Copper	ND	mg/L	0.01			E200.8	01/11/05 22:50 / sml
Iron	0.61	mg/L	0.03			E200.7	01/11/05 13:17 / ts
Lead	ND	mg/L	0.05			E200.8	01/11/05 22:50 / sml
Manganese	0.32	mg/L	0.01			E200.7	01/11/05 13:17 / ts
Mercury	ND	mg/L	0.001			E200.8	01/11/05 22:50 / sml
Molybdenum	ND	mg/L	0.1			E200.7	01/11/05 13:17 / ts
Nickel	ND	mg/L	0.05			E200.8	01/11/05 22:50 / sml
Selenium	0.016	mg/L	0.001			E200.8	01/11/05 22:50 / sml
Uranium	2.71	mg/L	0.0003			E200.8	01/11/05 22:50 / sml
Vanadium	ND	mg/L	0.1			E200.7	01/11/05 13:17 / ts
Zinc	ND	mg/L	0.01			E200.7	01/11/05 13:17 / ts

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

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



LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-019
 Client Sample ID: BMP-28

Report Date: 01/20/05
 Collection Date: 12/28/04 12:30
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	446	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	6.4	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	3.80	%				Calculation	01/12/05 14:45 / smd
Anions	7.19	meq/L				Calculation	01/12/05 14:45 / smd
Cations	7.76	meq/L				Calculation	01/12/05 14:45 / smd
Solids, Total Dissolved Calculated	409	mg/L				Calculation	01/12/05 14:45 / smd
TDS Balance (0.80 - 1.20)	0.950	dec. %				Calculation	01/12/05 14:45 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-020
 Client Sample ID: BMP-16

Report Date: 01/20/05
 Collection Date: 12/29/04 08:30
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	249	mg/L	1			A2320 B	01/05/05 14:33 / nlm
Carbonate as CO3	ND	mg/L	1			A2320 B	01/05/05 14:33 / nlm
Bicarbonate as HCO3	304	mg/L	1			A2320 B	01/05/05 14:33 / nlm
Calcium	54	mg/L	1			E200.7	01/11/05 13:20 / ts
Chloride	6	mg/L	1			E200.7	01/11/05 13:20 / ts
Fluoride	ND	mg/L	0.1			A4500-F C	01/04/05 14:01 / nlm
Magnesium	12	mg/L	1			E200.7	01/11/05 13:20 / ts
Nitrogen, Ammonia as N	0.12	mg/L	0.05			A4500-NH3 G	01/03/05 10:10 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.1			E353.2	12/30/04 14:35 / jal
Nitrogen, Nitrite as N	ND	mg/L	0.1			A4500-NO2 B	12/30/04 14:35 / jal
Potassium	4	mg/L	1			E200.7	01/11/05 13:20 / ts
Silica	14.4	mg/L	0.1			E200.7	01/11/05 13:20 / ts
Sodium	52	mg/L	1			E200.7	01/11/05 13:20 / ts
Sulfate	21	mg/L	1			E200.7	01/11/05 13:20 / ts
PHYSICAL PROPERTIES							
Conductivity	516	umhos/cm	1.0			A2510 B	12/30/04 14:30 / dd
pH	7.08	s.u.	0.01			A4500-H B	12/30/04 15:49 / dd
Solids, Total Dissolved TDS @ 180 C	293	mg/L	10			A2540 C	12/30/04 16:34 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L	0.1			E200.7	01/11/05 13:20 / ts
Arsenic	0.064	mg/L	0.001			E200.8	01/11/05 22:58 / sml
Barium	ND	mg/L	0.1			E200.7	01/11/05 13:20 / ts
Boron	ND	mg/L	0.1			E200.7	01/11/05 13:20 / ts
Cadmium	ND	mg/L	0.005			E200.8	01/11/05 22:58 / sml
Chromium	ND	mg/L	0.05			E200.7	01/11/05 13:20 / ts
Copper	ND	mg/L	0.01			E200.8	01/11/05 22:58 / sml
Iron	2.29	mg/L	0.03			E200.7	01/11/05 13:20 / ts
Lead	ND	mg/L	0.05			E200.8	01/11/05 22:58 / sml
Manganese	0.68	mg/L	0.01			E200.7	01/11/05 13:20 / ts
Mercury	ND	mg/L	0.001			E200.8	01/11/05 22:58 / sml
Molybdenum	ND	mg/L	0.1			E200.7	01/11/05 13:20 / ts
Nickel	ND	mg/L	0.05			E200.8	01/11/05 22:58 / sml
Selenium	0.004	mg/L	0.001			E200.8	01/11/05 22:58 / sml
Uranium	1.61	mg/L	0.0003			E200.8	01/11/05 22:58 / sml
Vanadium	ND	mg/L	0.1			E200.7	01/11/05 13:20 / ts
Zinc	ND	mg/L	0.01			E200.7	01/11/05 13:20 / ts

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

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



LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-020
 Client Sample ID: BMP-16

Report Date: 01/20/05
 Collection Date: 12/29/04 08:30
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	484	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	6.8	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	4.92	%				Calculation	01/12/05 16:58 / smd
Anions	5.59	meq/L				Calculation	01/12/05 16:58 / smd
Cations	6.17	meq/L				Calculation	01/12/05 16:58 / smd
Solids, Total Dissolved Calculated	313	mg/L				Calculation	01/12/05 16:58 / smd
TDS Balance (0.80 - 1.20)	0.940	dec. %				Calculation	01/12/05 16:58 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-006
 Client Sample ID: BMP-29

Report Date: 01/20/05
 Collection Date: 12/28/04 10:30
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	294	mg/L	1			A2320 B	01/05/05 10:45 / nlm
Carbonate as CO3	ND	mg/L	1			A2320 B	01/05/05 10:45 / nlm
Bicarbonate as HCO3	358	mg/L	1			A2320 B	01/05/05 10:45 / nlm
Calcium	81	mg/L	1			E200.7	01/10/05 13:58 / ts
Chloride	12	mg/L	1			E200.7	01/10/05 13:58 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	01/04/05 10:57 / nlm
Magnesium	18	mg/L		1		E200.7	01/10/05 13:58 / ts
Nitrogen, Ammonia as N	0.33	mg/L		0.05		A4500-NH3 G	01/03/05 09:32 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	12/30/04 13:10 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.1		A4500-NO2 B	12/30/04 13:10 / jal
Potassium	6	mg/L		1		E200.7	01/10/05 13:58 / ts
Silica	18.9	mg/L		0.1		E200.7	01/10/05 13:58 / ts
Sodium	45	mg/L		1		E200.7	01/10/05 13:58 / ts
Sulfate	48	mg/L		1		E200.7	01/10/05 13:58 / ts
PHYSICAL PROPERTIES							
Conductivity	659	umhos/cm		1.0		A2510 B	12/30/04 14:09 / dd
pH	7.23	s.u.		0.01		A4500-H B	12/30/04 15:28 / dd
Solids, Total Dissolved TDS @ 180 C	379	mg/L		10		A2540 C	12/30/04 16:30 / dd
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	01/10/05 13:58 / ts
Arsenic	0.024	mg/L		0.001		E200.8	01/11/05 18:48 / sml
Barium	ND	mg/L		0.1		E200.7	01/10/05 13:58 / ts
Boron	ND	mg/L		0.1		E200.7	01/10/05 13:58 / ts
Cadmium	ND	mg/L		0.005		E200.8	01/11/05 18:48 / sml
Chromium	ND	mg/L		0.05		E200.7	01/10/05 13:58 / ts
Copper	ND	mg/L		0.01		E200.8	01/11/05 18:48 / sml
Iron	0.78	mg/L		0.03		E200.7	01/10/05 13:58 / ts
Lead	ND	mg/L		0.05		E200.8	01/11/05 18:48 / sml
Manganese	0.82	mg/L		0.01		E200.7	01/10/05 13:58 / ts
Mercury	ND	mg/L		0.001		E200.8	01/11/05 18:48 / sml
Molybdenum	ND	mg/L		0.1		E200.7	01/10/05 13:58 / ts
Nickel	ND	mg/L		0.05		E200.8	01/11/05 18:48 / sml
Selenium	0.009	mg/L		0.001		E200.8	01/11/05 18:48 / sml
Uranium	3.41	mg/L		0.0003		E200.8	01/11/05 18:48 / sml
Vanadium	ND	mg/L		0.1		E200.7	01/10/05 13:58 / ts
Zinc	ND	mg/L		0.01		E200.7	01/10/05 13:58 / ts

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

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



LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-006
 Client Sample ID: BMP-29

Report Date: 01/20/05
 Collection Date: 12/28/04 10:30
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	483	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	6.8	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	3.34	%				Calculation	01/12/05 14:41 / smd
Anions	7.22	meq/L				Calculation	01/12/05 14:41 / smd
Cations	7.72	meq/L				Calculation	01/12/05 14:41 / smd
Solids, Total Dissolved Calculated	405	mg/L				Calculation	01/12/05 14:41 / smd
TDS Balance (0.80 - 1.20)	0.940	dec. %				Calculation	01/12/05 14:41 / smd



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

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



LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-007
 Client Sample ID: BMP-30

Report Date: 01/20/05
 Collection Date: 12/28/04 10:40
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	294	mg/L		1		A2320 B	01/05/05 10:59 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	01/05/05 10:59 / nlm
Bicarbonate as HCO3	358	mg/L		1		A2320 B	01/05/05 10:59 / nlm
Calcium	81	mg/L		1		E200.7	01/10/05 14:01 / ts
Chloride	12	mg/L		1		E200.7	01/10/05 14:01 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	01/04/05 11:06 / nlm
Magnesium	17	mg/L		1		E200.7	01/10/05 14:01 / ts
Nitrogen, Ammonia as N	0.74	mg/L		0.05		A4500-NH3 G	01/03/05 09:34 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	12/30/04 13:13 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.1		A4500-NO2 B	12/30/04 13:13 / jal
Potassium	6	mg/L		1		E200.7	01/10/05 14:01 / ts
Silica	14.6	mg/L		0.1		E200.7	01/10/05 14:01 / ts
Sodium	47	mg/L		1		E200.7	01/10/05 14:01 / ts
Sulfate	51	mg/L		1		E200.7	01/10/05 14:01 / ts



PHYSICAL PROPERTIES

Conductivity	663	umhos/cm		1.0		A2510 B	12/30/04 14:10 / dd
pH	7.45	s.u.		0.01		A4500-H B	12/30/04 15:29 / dd
Solids, Total Dissolved TDS @ 180 C	361	mg/L		10		A2540 C	12/30/04 16:30 / dd

METALS - DISSOLVED

Aluminum	ND	mg/L		0.1		E200.7	01/10/05 14:01 / ts
Arsenic	0.008	mg/L		0.001		E200.8	01/11/05 18:55 / sml
Barium	ND	mg/L		0.1		E200.7	01/10/05 14:01 / ts
Boron	ND	mg/L		0.1		E200.7	01/10/05 14:01 / ts
Cadmium	ND	mg/L		0.005		E200.8	01/11/05 18:55 / sml
Chromium	ND	mg/L		0.05		E200.7	01/10/05 14:01 / ts
Copper	ND	mg/L		0.01		E200.8	01/11/05 18:55 / sml
Iron	0.15	mg/L		0.03		E200.7	01/10/05 14:01 / ts
Lead	ND	mg/L		0.05		E200.8	01/11/05 18:55 / sml
Manganese	0.59	mg/L		0.01		E200.7	01/10/05 14:01 / ts
Mercury	ND	mg/L		0.001		E200.8	01/11/05 18:55 / sml
Molybdenum	ND	mg/L		0.1		E200.7	01/10/05 14:01 / ts
Nickel	ND	mg/L		0.05		E200.8	01/11/05 18:55 / sml
Selenium	0.003	mg/L		0.001		E200.8	01/11/05 18:55 / sml
Uranium	5.02	mg/L		0.0003		E200.8	01/11/05 18:55 / sml
Vanadium	ND	mg/L		0.1		E200.7	01/10/05 14:01 / ts
Zinc	ND	mg/L		0.01		E200.7	01/10/05 14:01 / ts



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

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



LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-007
 Client Sample ID: BMP-30

Report Date: 01/20/05
 Collection Date: 12/28/04 10:40
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	472	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	6.7	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	3.07	%				Calculation	01/12/05 14:41 / smd
Anions	7.26	meq/L				Calculation	01/12/05 14:41 / smd
Cations	7.72	meq/L				Calculation	01/12/05 14:41 / smd
Solids, Total Dissolved Calculated	404	mg/L				Calculation	01/12/05 14:41 / smd
TDS Balance (0.80 - 1.20)	0.890	dec. %				Calculation	01/12/05 14:41 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-008
 Client Sample ID: BMP-31

Report Date: 01/20/05
 Collection Date: 12/28/04 09:35
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	267	mg/L		1		A2320 B	01/05/05 11:13 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	01/05/05 11:13 / nlm
Bicarbonate as HCO3	326	mg/L		1		A2320 B	01/05/05 11:13 / nlm
Calcium	80	mg/L		1		E200.7	01/10/05 14:04 / ts
Chloride	23	mg/L		1		E200.7	01/10/05 14:04 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	01/04/05 11:08 / nlm
Magnesium	19	mg/L		1		E200.7	01/10/05 14:04 / ts
Nitrogen, Ammonia as N	0.10	mg/L		0.05		A4500-NH3 G	01/03/05 09:36 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	12/30/04 13:15 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.1		A4500-NO2 B	12/30/04 13:15 / jal
Potassium	6	mg/L		1		E200.7	01/10/05 14:04 / ts
Silica	8.9	mg/L		0.1		E200.7	01/10/05 14:04 / ts
Sodium	56	mg/L		1		E200.7	01/10/05 14:04 / ts
Sulfate	84	mg/L		1		E200.7	01/10/05 14:04 / ts

PHYSICAL PROPERTIES

Conductivity	718	umhos/cm		1.0		A2510 B	12/30/04 14:11 / dd
pH	7.40	s.u.		0.01		A4500-H B	12/30/04 15:29 / dd
Solids, Total Dissolved TDS @ 180 C	404	mg/L		10		A2540 C	12/30/04 16:30 / dd

METALS - DISSOLVED

Aluminum	ND	mg/L		0.1		E200.7	01/10/05 14:04 / ts
Arsenic	0.007	mg/L		0.001		E200.8	01/11/05 19:09 / sml
Barium	ND	mg/L		0.1		E200.7	01/10/05 14:04 / ts
Boron	ND	mg/L		0.1		E200.7	01/10/05 14:04 / ts
Cadmium	ND	mg/L		0.005		E200.8	01/11/05 19:09 / sml
Chromium	ND	mg/L		0.05		E200.7	01/10/05 14:04 / ts
Copper	ND	mg/L		0.01		E200.8	01/11/05 19:09 / sml
Iron	0.18	mg/L		0.03		E200.7	01/10/05 14:04 / ts
Lead	ND	mg/L		0.05		E200.7	01/10/05 14:04 / ts
Manganese	0.25	mg/L		0.01		E200.7	01/10/05 14:04 / ts
Mercury	ND	mg/L		0.001		E200.8	01/11/05 19:09 / sml
Molybdenum	ND	mg/L		0.1		E200.7	01/10/05 14:04 / ts
Nickel	ND	mg/L		0.05		E200.8	01/11/05 19:09 / sml
Selenium	0.004	mg/L		0.001		E200.8	01/11/05 19:09 / sml
Uranium	2.53	mg/L		0.0003		E200.8	01/11/05 19:09 / sml
Vanadium	ND	mg/L		0.1		E200.7	01/10/05 14:04 / ts
Zinc	ND	mg/L		0.01		E200.7	01/10/05 14:04 / ts

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C04121128-008
 Client Sample ID: BMP-31

Report Date: 01/20/05
 Collection Date: 12/28/04 09:35
 Date Received: 12/29/04
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	275	pCi/L		0.2		E903.0	01/03/05 13:30 / df
Radium 226 precision (±)	5.2	pCi/L				E903.0	01/03/05 13:30 / df
DATA QUALITY							
A/C Balance (± 5)	3.12	%				Calculation	01/12/05 14:42 / smd
Anions	7.75	meq/L				Calculation	01/12/05 14:42 / smd
Cations	8.25	meq/L				Calculation	01/12/05 14:42 / smd
Solids, Total Dissolved Calculated	439	mg/L				Calculation	01/12/05 14:42 / smd
TDS Balance (0.80 - 1.20)	0.920	dec. %				Calculation	01/12/05 14:42 / smd

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

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

Power Resources Inc.

Monitor Well Report

Well ID: BM20

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
11/19/04	4	178	526		5048.12	
9/17/04	3	170	531		5045.22	
7/15/04	3	154	502		5037.37	

Power Resources Inc.

Monitor Well Report

Well ID: BM21

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
11/19/04	4	180	530		5046.85	
9/15/04	3	179	536		5043.95	
7/15/04	3	179	495		5036.94	

Power Resources Inc.

Monitor Well Report

Well ID: BM22

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
11/19/04	3	181	529		5042.47	
9/15/04	4	169	538		5039.97	
7/15/04	3	179	485		5032.32	

Power Resources Inc.

Monitor Well Report

Well ID: BM23

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
11/19/04	3	181	532		5046.71	
9/15/04	3	177	541		5042.31	
7/15/04	3	174	500		5037.91	

Power Resources Inc.

Monitor Well Report

Well ID: BM24

<i>NRC/WDEQ</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (μMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
11/19/04	3	179	528		5044.48	
9/15/04	4	180	537		5040.88	
7/15/04	3	174	493		5034.93	

Power Resources Inc.

Monitor Well Report

Well ID: BM25

<i>NRC/WDEQ</i> <i>UCL</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
	11	230	735			
11/19/04	3	171	534		5048.62	
9/15/04	3	167	539		5045.82	
7/15/04	3	147	501		5039.55	

Power Resources Inc.

Monitor Well Report

Well ID: BM26

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
11/19/04	3	169	529		5043.1	
9/16/04	4	179	541		5072.52	
7/15/04	3	169	495		5042.54	

Power Resources Inc.

Monitor Well Report

Well ID: BM27

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
11/19/04	6	207	638		5052.65	
9/16/04	6	200	632		5048.61	
7/15/04	4	182	519		5034.85	

Power Resources Inc.

Monitor Well Report

Well ID: BM28

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (µMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	11	230	735			
11/19/04	3	171	532		5047.45	
9/16/04	4	171	537		5040.82	
7/15/04	3	165	492		5038.25	

Power Resources Inc.

Monitor Well Report

Well ID: BM29

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (µMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	11	230	735			
11/19/04	3	161	533		5049.14	
9/16/04	3	167	537		5044.68	
7/15/04	3	167	506		5042.36	

Power Resources Inc.

Monitor Well Report

Well ID: BM30

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
11/19/04	3	166	539		5047.83	
9/16/04	3	169	542		5044.07	
7/15/04	3	166	505		5040.54	

Power Resources Inc.

Monitor Well Report

Well ID: BM31

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
11/19/04	3	161	535		5046.68	
9/16/04	3	156	536		5045.07	
7/15/04	3	155	507		5040.47	

Power Resources Inc.

Monitor Well Report

Well ID: BM32

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
11/19/04	3	160	541		5047.54	
9/17/04	3	156	548		5043.96	
7/15/04	3	156	512		5039.95	

Power Resources Inc.

Monitor Well Report

Well ID: BM33

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
11/19/04	3	164	547		5064.36	
9/16/04	3	160	547		5023.58	
7/15/04	3	165	517		5039.02	

Power Resources Inc.

Monitor Well Report

Well ID: BM34

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
11/19/04	3	167	525		5047.94	
9/16/04	3	175	529		4947.98	
7/15/04	4	169	497		5045.85	

Power Resources Inc.

Monitor Well Report

Well ID: BM35

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
11/19/04	7	179	465		5044.47	
9/16/04	5	168	471		5039.04	
7/15/04	8	147	449		5039.47	

Power Resources Inc.

Monitor Well Report

Well ID: BM36

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (µMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	11	230	735			
11/19/04	3	156	542		5040.79	
9/17/04	4	159	518		5024.56	
7/15/04	3	157	506		5038.54	

Power Resources Inc.

Monitor Well Report

Well ID: BM37

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (µMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	11	230	735			
11/19/04	3	153	530		5043.06	
9/17/04	3	158	532		5041.49	
7/15/04	3	147	497		5039.38	

Power Resources Inc.

Monitor Well Report

Well ID: BM38

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (μMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	11	230	735			
11/19/04	4	161	528		5039.07	
9/17/04	4	158	525		5039.22	
7/15/04	7	152	491		5035.67	

Power Resources Inc.

Monitor Well Report

Well ID: BM39

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	9	223	773			
11/19/04	5	157	602		5018.66	
9/17/04	5	155	591		5031.22	
7/15/04	8	153	593		5029.5	

Power Resources Inc.

Monitor Well Report

Well ID: BM40

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	9	223	734			
12/20/04	7	165	625		5044.64	
10/25/04	7	166	610		5044.94	
9/23/04	7	160	622		5042.04	
7/28/04	7	165	573		5039.94	

Power Resources Inc.

Monitor Well Report

Well ID: BM41

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(μMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	9	223	734			
12/20/04	8	171	592		5044.02	
9/23/04	8	169	587		5041.12	
7/28/04	8	170	539		5040.72	

Power Resources Inc.

Monitor Well Report

Well ID: BM42

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(μMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
12/27/04	11	326	763	0.7	5040.51	
12/20/04	12	321	769	0.8	5039.8	
12/13/04	12	324	764	1	5040.33	
12/6/04	12	325	740	0.9	5039.84	
11/29/04	12	330	767	1.1	5040.19	
11/22/04	12	329	782	0.9	5039.48	
11/15/04	11	319	768	0.9	5039.64	
11/8/04	12	326	773	0.7	5039.5	
11/2/04	12	324	754	0.7	5039.36	
10/25/04	12	324	730	0.7	5039.34	
10/18/04	11	320	764	0.7	5039.37	
10/12/04	11	303	773	0.6	5038.95	
10/4/04	11	310	766	0.7	5038.65	
9/27/04	11	321	751	0.6	4899.55	
9/20/04	11	324	752	0.7	5038.43	
9/14/04	11	324	779	0.6	5038.21	
9/7/04	12	325	768	0.7	5037.8	
8/30/04	11	300	778	0.2	5037.37	
8/23/04	12	314	710	0.6	5037.33	
8/16/04	12	319	707	0.8	5037.06	
8/9/04	12	330	697	0.8	5037.54	
8/2/04	12	319	708	0.5	5035.95	
7/26/04	12	321	707	0.5	5035.05	
7/19/04	12	321	727	0.6	5034.2	

Power Resources Inc.

Monitor Well Report

Well ID: BM42

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (µMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	11	230	735			
7/12/04	11	314	746	0.6	5032.45	
7/6/04	12	327	741	0.5	5027.99	
6/28/04	11	320	713	0.6	5012.19	

Power Resources Inc.

Monitor Well Report

Well ID: BM43

<i>NRC/WDEQ</i>	<i>Chloride</i> (mg/L)	<i>Alkalinity</i> (mg/L CaCO ₃)	<i>Conductivity</i> (µMhos/cm)	<i>U₃O₈</i> (mg/L)	<i>Water Level</i> (ft. MSL)	<i>Comments</i>
<i>UCL</i>	11	230	735			
12/20/04	11	180	718		5048.88	
10/25/04	10	184	699		5048.78	
9/23/04	10	182	692		5045.38	
7/28/04	9	184	599		5042.48	

Power Resources Inc.

Monitor Well Report

Well ID: BM44

<i>NRC/WDEQ</i>	<i>Chloride</i> (mg/L)	<i>Alkalinity</i> (mg/L CaCO ₃)	<i>Conductivity</i> (μMhos/cm)	<i>U₃O₈</i> (mg/L)	<i>Water Level</i> (ft. MSL)	<i>Comments</i>
<i>UCL</i>	11	230	735			
12/20/04	13	177	606		5043.16	
10/25/04	12	180	587		5045.76	
9/23/04	12	182	584		5043.26	
7/28/04	13	183	560		5040.06	

Power Resources Inc.

Monitor Well Report

Well ID: BM45

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(μMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
12/22/04	5	171	573		5047.04	
10/25/04	5	178	565		5045.64	
9/23/04	5	177	554		5044.34	
7/28/04	5	173	499		5040.74	

Power Resources Inc.

Monitor Well Report

Well ID: BM46

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(μMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
12/20/04	4	174	526		5044.83	
10/25/04	4	175	522		5046.83	
9/23/04	4	174	527		5042.83	
7/29/04	3	168	492		5039.63	

Power Resources Inc.

Monitor Well Report

Well ID: BM47

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
12/20/04	4	147	548		5050	
10/25/04	3	153	545		5048.1	
9/23/04	3	149	561		5044.4	
7/29/04	4	155	527		5041.7	

Power Resources Inc.

Monitor Well Report

Well ID: BM48

<i>NRC/WDEQ</i>	<i>Chloride</i> (mg/L)	<i>Alkalinity</i> (mg/L CaCO ₃)	<i>Conductivity</i> (μMhos/cm)	<i>U₃O₈</i> (mg/L)	<i>Water Level</i> (ft. MSL)	<i>Comments</i>
<i>UCL</i>	11	230	735			
12/20/04	4	164	520		5040.79	
10/25/04	4	167	510		5043.99	
9/23/04	4	164	520		5042.69	
7/29/04	4	171	483		5039.79	

Power Resources Inc.

Monitor Well Report

Well ID: BM50

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (µMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	11	230	735			
12/21/04	6	186	554		5048.37	
10/25/04	6	187	550		5046.17	
9/23/04	6	188	555		5043.17	
7/29/04	6	188	519		5040.27	

Power Resources Inc.

Monitor Well Report

Well ID: BM51

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (µMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	11	230	735			
12/21/04	8	195	569		5052.45	
10/26/04	8	198	573		5052.55	
9/23/04	8	191	572		5040.15	
7/29/04	8	197	529		5058.55	

Power Resources Inc.

Monitor Well Report

Well ID: BM55

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
12/21/04	4	180	541		5048.16	
10/25/04	4	187	540		5047.06	
9/24/04	4	181	536		5044.66	
7/29/04	4	182	506		Pumping	

Power Resources Inc.
Monitor Well Report

Well ID: BM56

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(μMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	25	398	1444			
12/21/04	12	214	1270		5048.77	
10/25/04	11	216	1290		5046.57	
9/23/04	11	213	1300		5046.17	
7/29/04	12	217	1147		5038.37	

Power Resources Inc.

Monitor Well Report

Well ID: BM57

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (µMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	11	230	735			
11/19/04	4	182	550		5055.45	
9/17/04	4	171	557		5063.78	
7/15/04	4	174	492		5051.81	

Power Resources Inc.
Monitor Well Report

Well ID: BM58

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(μMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
12/20/04	4	182	536		5051.8	
10/25/04	4	185	526		5049.4	
9/23/04	3	184	533		5048.2	
7/29/04	4	177	482		5044.7	

Power Resources Inc.

Monitor Well Report

Well ID: BM59

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
12/21/04	4	177	583		5038.32	
10/25/04	4	180	581		5044.82	
9/23/04	4	178	588		5043.32	
7/29/04	4	177	541		5039.82	

Power Resources Inc.
Monitor Well Report

Well ID: BM60

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(μMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	11	230	735			
12/21/04	8	212	652		5043.98	
10/25/04	8	206	680		5044.98	
9/24/04	8	209	685		5042.88	
7/29/04	7	200	627		5039.48	

Power Resources Inc.

Monitor Well Report

Well ID: BM61

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(μMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	25	398	941			
10/25/04	8	241	726		5044.27	
9/24/04	8	251	720		5042.27	
7/29/04	8	245	661		5039.27	

Power Resources Inc.

Monitor Well Report

Well ID: BM62

<i>NRC/WDEQ</i>	<i>Chloride</i> (mg/L)	<i>Alkalinity</i> (mg/L CaCO ₃)	<i>Conductivity</i> (µMhos/cm)	<i>U₃O₈</i> (mg/L)	<i>Water Level</i> (ft. MSL)	<i>Comments</i>
<i>UCL</i>	25	398	941			
12/22/04	8	259	691		5036.05	
10/25/04	8	269	688		5043.05	
9/24/04	8	264	701		5025.95	
7/29/04	7	255	647		Pumping	

Power Resources Inc.

Monitor Well Report

Well ID: BM63

<i>NRC/WDEQ</i>	<i>Chloride</i> (mg/L)	<i>Alkalinity</i> (mg/L CaCO ₃)	<i>Conductivity</i> (µMhos/cm)	<i>U₃O₈</i> (mg/L)	<i>Water Level</i> (ft. MSL)	<i>Comments</i>
<i>UCL</i>	25	398	941			
12/21/04	8	294	593		5045.11	
10/25/04	7	291	591		5037.31	
8/27/04	8	297	606		5038.81	
6/28/04	8	302	582		5027.28	

Power Resources Inc.

Monitor Well Report

Well ID: BM64

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	25	398	941			
12/21/04	9	411	813		5048.81	
10/25/04	10	412	787		5045.21	
9/24/04	9	422	767		5042.01	
7/29/04	9	401	682		5037.81	

Power Resources Inc.

Monitor Well Report

Well ID: BMO5

<i>NRC/WDEQ</i>	<i>Chloride</i> (mg/L)	<i>Alkalinity</i> (mg/L CaCO ₃)	<i>Conductivity</i> (µMhos/cm)	<i>U₃O₈</i> (mg/L)	<i>Water Level</i> (ft. MSL)	<i>Comments</i>
<i>UCL</i>	21	218	1217			
11/18/04	3	176	518		5052.94	
9/14/04	3	171	511		5063.34	
7/14/04	3	109	535		5030.64	

Power Resources Inc.

Monitor Well Report

Well ID: BMO6

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(μMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	21	218	1217			
11/18/04	5	152	799		5057.27	
9/14/04	6	156	818		5003.57	
7/14/04	5	156	793		5049.67	

Power Resources Inc.

Monitor Well Report

Well ID: BMO7

<i>NRC/WDEQ</i>	<i>Chloride</i> (mg/L)	<i>Alkalinity</i> (mg/L CaCO ₃)	<i>Conductivity</i> (μMhos/cm)	<i>U₃O₈</i> (mg/L)	<i>Water Level</i> (ft. MSL)	<i>Comments</i>
<i>UCL</i>	21	218	1217			
11/18/04	7	177	694		5064.94	
9/14/04	8	182	702		5053.74	
7/14/04	8	182	671		5049.94	

Power Resources Inc.

Monitor Well Report

Well ID: BMO8

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(μMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	21	218	1217			
11/18/04	6	148	613		5042.1	
9/14/04	6	155	621		5054.2	
7/14/04	6	157	593		5053.3	

Power Resources Inc.

Monitor Well Report

Well ID: BMO9

<i>NRC/WDEQ</i>	<i>Chloride</i> (mg/L)	<i>Alkalinity</i> (mg/L CaCO ₃)	<i>Conductivity</i> (μMhos/cm)	<i>U₃O₈</i> (mg/L)	<i>Water Level</i> (ft. MSL)	<i>Comments</i>
<i>UCL</i>	21	218	1217			
12/21/04	3	147	506		5149.64	
10/25/04	3	159	499		5050.74	
8/27/04	4	160	504		Pumping	

Power Resources Inc.

Monitor Well Report

Well ID: BMO11

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (µMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	21	218	1217			
12/21/04	6	175	691		5051.7	
10/25/04	7	180	706		5036.5	
8/27/04	6	177	686		4977.8	
6/28/04	6	169	615		5046.1	

Power Resources Inc.

Monitor Well Report

Well ID: BMO12A

<i>NRC/WDEQ</i>	<i>Chloride</i> (mg/L)	<i>Alkalinity</i> (mg/L CaCO ₃)	<i>Conductivity</i> (µMhos/cm)	<i>U₃O₈</i> (mg/L)	<i>Water Level</i> (ft. MSL)	<i>Comments</i>
<i>UCL</i>	21	218	1217			
12/22/04	7	145	752		0	Could Not Eline
10/25/04	7	151	732		5051.51	
8/27/04	6	147	720		0	Could Not Eline
6/28/04	6	152	698			Could not Eline

Power Resources Inc.
Monitor Well Report

Well ID: BMO13B

<i>NRC/WDEQ</i>	<i>Chloride</i> (mg/L)	<i>Alkalinity</i> (mg/L CaCO ₃)	<i>Conductivity</i> (μMhos/cm)	<i>U₃O₈</i> (mg/L)	<i>Water Level</i> (ft. MSL)	<i>Comments</i>
<i>UCL</i>	21	218	1217			
12/22/04	16	122	1040		0	Could Not Eline
10/25/04	16	131	1040		5040.81	
8/27/04	16	124	1075		4950.81	
6/28/04	16	120	1031			Could not eline

Power Resources Inc.

Monitor Well Report

Well ID: BMO14

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	21	218	1217			
12/21/04	17	176	663		5036.7	
10/25/04	8	173	647		5040.6	
8/27/04	6	167	655		5040.6	
6/28/04	10	178	627		5045.8	

Power Resources Inc.

Monitor Well Report

Well ID: BMO15

<i>NRC/WDEQ</i>	<i>Chloride</i> (mg/L)	<i>Alkalinity</i> (mg/L CaCO ₃)	<i>Conductivity</i> (μMhos/cm)	<i>U₃O₈</i> (mg/L)	<i>Water Level</i> (ft. MSL)	<i>Comments</i>
<i>UCL</i>	21	218	1217			
11/18/04	11	164	806		5065.82	
9/14/04	14	165	796		5049.42	
7/14/04	10	162	762		5047.52	

Power Resources Inc.

Monitor Well Report

Well ID: BMO16

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(μMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	21	218	1217			
11/18/04	6	141	598		5052.87	
9/15/04	5	137	597		5053.37	
7/14/04	5	143	572		5046.07	

Power Resources Inc.

Monitor Well Report

Well ID: BMO17

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (µMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	21	218	1217			
11/18/04	13	212	955		5039.55	
9/15/04	14	199	977		5042.75	
7/14/04	13	203	870		5041.85	

Power Resources Inc.
Monitor Well Report

3MU10

NR	Chloride (mg/L)	Alkalinity (mg/L CaCO ₃)	Conductivity (µMhos/cm)	U ₃ O ₈ (mg/L)	Water Level (ft. MSL)	Comments
	8	218	799			
	3	127	481		5043.2	
	4	125	478		5040.3	
	3	131	458		5032.5	

Power Resources Inc.

Monitor Well Report

Well ID: BMU11

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (µMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	8	218	799			
12/21/04	6	160	532		0	Could not eline
10/25/04	6	164	534		5028.63	
8/27/04	5	156	537		5026.23	
6/28/04	4	143	484		5009.17	

Power Resources Inc.

Monitor Well Report

Well ID: BMU12

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (μMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	8	218	799			
12/21/04	3	125	483		5048.01	
10/25/04	3	126	476		5045.11	
8/27/04	4	124	483		5041.71	
6/28/04	3	120	460		5029.31	

Power Resources Inc.

Monitor Well Report

Well ID: BMU13

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (µMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	0	0	0		5044	
					5039.6	
					5032.5	

Power Resources Inc.

Monitor Well Report

Well ID: BMU14

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (μMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	8	218	799			
11/18/04	4	124	480		5043.8	
9/14/04	16	152	492		5041.1	
7/14/04	4	146	455		5028.8	

Power Resources Inc.

Monitor Well Report

Well ID: BMU15

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	8	218	799			
11/18/04	3	125	486		5143.83	
9/15/04					5041.03	
7/14/04	3	128	458		5033.53	

Power Resources Inc.

Monitor Well Report

Well ID: BMU16

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (μMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	8	218	799			
11/18/04	7	174	478		5019.03	
9/15/04	5	140	504		5050.13	
7/14/04	3	147	468		5023.93	

Power Resources Inc.

Monitor Well Report

Well ID: BMU17

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (µMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	8	218	799			
11/18/04	4	136	508		5042.5	
9/15/04	3	135	511		5028.3	
7/14/04	3	141	477		5033.9	

Power Resources Inc.

Monitor Well Report

Well ID: BMU18

<i>NRC/WDEQ</i>	<i>Chloride</i> (mg/L)	<i>Alkalinity</i> (mg/L CaCO ₃)	<i>Conductivity</i> (µMhos/cm)	<i>U₃O₈</i> (mg/L)	<i>Water Level</i> (ft. MSL)	<i>Comment</i>
<i>UCL</i>	8	218	799			
11/8/04					5042.1	
9/15/04					5029.7	
7/14/04					5034	

Power Resources Inc.
Monitor Well Report

Well ID: BMU19

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
UCL	8	218	799			
11/8/04					5018.2	
9/15/04					5020.7	
7/14/04					5021.8	

Power Resources Inc.

Monitor Well Report

Well ID: BMU5

<i>NRC/WDEQ</i>	<i>Chloride</i> <i>(mg/L)</i>	<i>Alkalinity</i> <i>(mg/L CaCO₃)</i>	<i>Conductivity</i> <i>(µMhos/cm)</i>	<i>U₃O₈</i> <i>(mg/L)</i>	<i>Water Level</i> <i>(ft. MSL)</i>	<i>Comments</i>
<i>UCL</i>	8	218	799			
11/18/04	3	150	497		5030.12	
9/14/04	4	153	497		5032.82	
7/14/04	3	150	473		Pumping	

Power Resources Inc.

Monitor Well Report

Well ID: BMU6

	Chloride (mg/L)	Alkalinity (mg/L CaCO ₃)	Conductivity (µMhos/cm)	U ₃ O ₈ (mg/L)	Water Level (ft. MSL)	Comments
NRC/WDEQ UCL	8	218	799			
11/18/04	3	170	519		5044.44	
9/14/04	4	173	517		5040.24	
7/14/04	3	170	491		5029.94	

Power Resources Inc.

Monitor Well Report

Well ID: BMU7

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (μMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	8	218	799			
11/18/04	3	141	500		5033.89	
9/14/04	4	149	499		5040.79	
7/14/04	3	151	474		5030.89	

Power Resources Inc.

Monitor Well Report

Well ID: BMU8

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (µMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Level (ft. MSL)</i>	<i>Comments</i>
	8	218	799			
11/18/04	3	116	478		5043.34	
9/14/04	4	116	476		4939.14	
7/14/04	4	122	456		4994.94	

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C05030936-001
Client Sample ID: MP 14

Report Date: 03/30/05
Collection Date: 03/23/05 01:25
Date Received: 03/23/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Arsenic	0.143	mg/L	D	0.0011		A3114 B	03/24/05 16:25 / smf

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C05030936-002
Client Sample ID: MP 21

Report Date: 03/30/05
Collection Date: 03/23/05 12:50
Date Received: 03/23/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Arsenic	0.380	mg/L	D	0.0054		A3114 B	03/25/05 15:53 / smf

Report Definitions:

RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C05030936-003
Client Sample ID: MP 22

Report Date: 03/30/05
Collection Date: 03/23/05 01:05
Date Received: 03/23/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Arsenic	0.275	mg/L	D	0.0054		A3114 B	03/25/05 15:54 / sml

Report Definitions:

RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C05030936-001
Client Sample ID: MP 14

Report Date: 03/30/05
Collection Date: 03/23/05 01:25
Date Received: 03/23/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - SPECIATED							
Arsenic-III	0.13	mg/L		0.0010		E1632AM	03/28/05 11:22 / sml
Arsenic-V	0.0068	mg/L		0.0010		E1632AM	03/28/05 11:22 / sml

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C05030936-002
Client Sample ID: MP 21

Report Date: 03/30/05
Collection Date: 03/23/05 12:50
Date Received: 03/23/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - SPECIATED							
Arsenic-III	0.40	mg/L		0.0010		E1632AM	03/28/05 11:22 / sml
Arsenic-V	0.010	mg/L		0.0010		E1632AM	03/28/05 11:22 / sml

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

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C05030936-003
Client Sample ID: MP 22

Report Date: 03/30/05
Collection Date: 03/23/05 01:05
Date Received: 03/23/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - SPECIATED							
Arsenic-III	0.27	mg/L		0.0010		E1632AM	03/28/05 11:22 / sml
Arsenic-V	0.014	mg/L		0.0010		E1632AM	03/28/05 11:22 / sml

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

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



WAL → BW

B-WF Restoration

*cc BH
4/25/05*

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Not Indicated

Lab Order: C05040547
 Report Date: 04/20/05

Lab ID: C05040547-001
 Client Sample ID: BMP 14
 Matrix: AQUEOUS

Collection Date: 04/13/05 05:15
 Date Received: 04/13/05

MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
METALS - DISSOLVED							
Arsenic	0.140	mg/L		0.001		E200.8	04/16/05 03:29 / bws

Lab ID: C05040547-002
 Client Sample ID: BMP 21
 Matrix: AQUEOUS

Collection Date: 04/13/05 05:05
 Date Received: 04/13/05

MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
METALS - DISSOLVED							
Arsenic	0.402	mg/L		0.001		E200.8	04/16/05 03:37 / bws

Lab ID: C05040547-003
 Client Sample ID: BMP 22
 Matrix: AQUEOUS

Collection Date: 04/13/05 05:00
 Date Received: 04/13/05

MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
METALS - DISSOLVED							
Arsenic	0.294	mg/L		0.001		E200.8	04/16/05 03:45 / bws

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Not Indicated

Lab Order: C05040547
 Report Date: 04/20/05

Lab ID: C05040547-001
 Client Sample ID: BMP 14
 Matrix: AQUEOUS

Collection Date: 04/13/05 05:15
 Date Received: 04/13/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Iron	1.42	mg/L		0.03		E200.7	04/18/05 18:25 / cp

Lab ID: C05040547-002
 Client Sample ID: BMP 21
 Matrix: AQUEOUS

Collection Date: 04/13/05 05:05
 Date Received: 04/13/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Iron	4.36	mg/L		0.03		E200.7	04/18/05 18:28 / cp

Lab ID: C05040547-003
 Client Sample ID: BMP 22
 Matrix: AQUEOUS

Collection Date: 04/13/05 05:00
 Date Received: 04/13/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Iron	7.04	mg/L		0.03		E200.7	04/18/05 18:31 / cp

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Not Indicated

Lab Order: C05040547
 Report Date: 04/20/05

Lab ID: C05040547-001
 Client Sample ID: BMP 14
 Matrix: AQUEOUS

Collection Date: 04/13/05 05:15
 Date Received: 04/13/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Sulfate	93	mg/L	D	6		A4500-SO4 E	04/15/05 14:09 / jal

Lab ID: C05040547-002
 Client Sample ID: BMP 21
 Matrix: AQUEOUS

Collection Date: 04/13/05 05:05
 Date Received: 04/13/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Sulfate	66	mg/L	D	6		A4500-SO4 E	04/15/05 14:11 / jal

Lab ID: C05040547-003
 Client Sample ID: BMP 22
 Matrix: AQUEOUS

Collection Date: 04/13/05 05:00
 Date Received: 04/13/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Sulfate	41	mg/L	D	1		A4500-SO4 E	04/15/05 14:15 / jal

Report Definitions:

RL - Analyte reporting limit.
 QCL - Quality control limit.
 D - RL increased due to sample matrix interference.

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: Not Indicated

Lab Order: C05040547
 Report Date: 04/20/05

Lab ID: C05040547-001
 Client Sample ID: BMP 14
 Matrix: AQUEOUS

Collection Date: 04/13/05 05:15
 Date Received: 04/13/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - TOTAL							
Uranium	3.72	mg/L		0.0003		E200.8	04/19/05 06:15 / bws

Lab ID: C05040547-002
 Client Sample ID: BMP 21
 Matrix: AQUEOUS

Collection Date: 04/13/05 05:05
 Date Received: 04/13/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - TOTAL							
Uranium	0.912	mg/L		0.0003		E200.8	04/19/05 06:19 / bws

Lab ID: C05040547-003
 Client Sample ID: BMP 22
 Matrix: AQUEOUS

Collection Date: 04/13/05 05:00
 Date Received: 04/13/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - TOTAL							
Uranium	1.74	mg/L		0.0003		E200.8	04/19/05 06:23 / bws

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

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

Appendix B: Response to LQD Staff Comments

Responses to Mr. Steve Ingle's Memorandum Dated December 9, 2004 Concerning the Mine Unit B Ground Water Restoration Report

Comments and Responses

1. LQD Comment

The text should discuss the individual parameter results for wells exceeding the baseline average concentration in the wellfield.

PRI Response

The individual parameters that are listed in the December 9, 2004 memo include calcium, magnesium, bicarbonate, total dissolved solids (TDS), conductivity, alkalinity, iron, manganese, uranium, selenium and arsenic. Table 3 includes the MU-B baseline average, minimum, maximum concentrations and the standard deviation and the baseline average plus one standard deviation for these parameters. Table 3 also includes the mine unit average concentrations from the final Stability Period sampling event (12/28/2004).

Table 3: Parameter Statistics

Major Ions	Units	MU B Baseline					12/28/04
		Average	Min	Max	Std dev	Average +1 std dev	
Calcium (Ca)	mg/l	49.5	42.5	63	4.15	53.7	86.4
Magnesium (Mg)	mg/l	10.2	7.6	12.5	1.20	11.4	17.7
Bicarbonate (HCO ₃)	mg/l	206	162	231	16.0	222	344
Non-Metals							
Total Dissolved Solids (TDS)	mg/l	350	248	482	41.9	392	386
Conductivity	µmho/cm	564	439	968	76.1	640	672
Alkalinity, measured as CaCO ₃	mg/l	171	134	189	11.2	182	282
Trace Metals							
Arsenic (As)	mg/l	0.001	0.001	0.007	0.001	0.002	0.067
Iron (Fe)	mg/l	0.05	0.05	0.15	0.01	0.1	1.84
Manganese (Mn)	mg/l	0.032	0.01	0.21	0.035	0.1	0.52
Selenium (Se)	mg/l	0.001	0.001	0.008	0.002	0.003	0.012
Radiometric							
Uranium (U Nat)	mg/l	0.062	0.004	0.62	0.11	0.2	2.93

Calcium and Magnesium

The Mine Unit B Production Zone average calcium concentration remained constant during the stability period, ranging from 78.8 mg/L to 86.4 mg/L (Table 2). This concentration range is comparable to the average calcium baseline concentration of all the mine units at HUP of 82.1 mg/L (Mine Unit B Restoration Report, August 4, 2004). Also, the Mine Unit B Production Zone average magnesium concentration remained constant during the Stability Period, ranging from 16.6 mg/L to 17.7 mg/L. This concentration range is comparable to the average magnesium baseline concentration for all of the mine units at HUP of 16.8 mg/L (Mine Unit B Restoration Report, August 4, 2004). PRI considers the calcium and magnesium concentrations in the Mine Unit B Production Zone to be restored to the regional baseline average concentration.

The WQD Rules and Regulations Chapter 8 Table I do not list a concentration level for calcium or magnesium in any of the Class of Use categories since these parameters at these concentrations in ground water do not pose a threat to human health. Since these parameters do not pose a threat to human health, the ground water down gradient of the Production Zone will not be potential degraded by either of these parameters.

Alkalinity and Bicarbonate

Changes in the concentrations of alkalinity and bicarbonate were similar, since bicarbonate is a major component of alkalinity. There was a slight increase in the concentration of bicarbonate during the Stability Period, so there was a similar increase in alkalinity (Table 2). The increase in the bicarbonate concentration is due to an increase in pH (Table 2), which will convert residual carbon dioxide to bicarbonate.

The WQD Rules and Regulations Chapter 8 Table I do not list a concentration level for alkalinity or bicarbonate in any of the Class of Use categories since these parameters at these concentrations in ground water do not pose a threat to human health. These parameters do not pose a threat to human health; therefore the ground water down gradient of the Production Zone will not be degraded.

Total Dissolved Solids

The Mine Unit B Production Zone average total dissolved solids concentration at the end of active ground water restoration was slightly greater than the baseline mine unit average plus one standard deviation. By the end of the Stability Period, however, the mine unit average TDS concentration had decreased to below the baseline mine unit average plus one standard deviation. Additionally, the mine unit TDS concentration

(386 mg/L) remained well below the Class I Domestic Use Suitability Standard of 500 mg/L. Finally, the mine unit average TDS concentration at the end of the Stability Period is less than the maximum baseline TDS concentration of 482 mg/L. Based on these facts, the down gradient ground water will not be degraded by the current average TDS concentration in the Production Zone.

Conductivity

The Mine Unit B Production Zone average conductivity values remained constant during the Stability Period, with a beginning average value of 665 umhos/cm and an ending average value of 672 umhos/cm. These conductivity values are comparable to the average baseline conductivity values for all of the mine units at HUP of 728 umhos/cm (Mine Unit B Restoration Report, August 4, 2004). PRI considers the average conductivity values in the Mine Unit B Production Zone to be restored to the regional average baseline conductivity values.

Additionally, these average mine unit conductivity values fall within the baseline minimum and maximum values of 439 umhos/cm and 968 umhos/cm. Therefore, since the average conductivity value of 672 umhos/cm at the end of the Stability Period is less than the maximum baseline value of 968 umhos, the down gradient ground water will not be degraded by the current average conductivity value.

Iron

The Mine Unit B Production Zone average iron concentration increased during the Stability Period from the June 28, 2004 sampling event to the September 27, 2004 sampling event. However, the average iron concentration remained constant from the September 27, 2004 sampling event to the December 28, 2004 sampling event.

PRI believes that the elevated iron concentrations are due to reduced conditions established within the Production Zone formation during the reductant phase of restoration. During the in situ mining process, when the Production Zone formation is oxidized, the iron contained in pyrites is oxidized to ferric iron and forms ferric hydroxides. The ferric hydroxides are very insoluble under oxidizing and slightly acidic conditions. This explains the low iron concentrations in solution during mining. During the reduction process however, this stable solid iron phase is reduced from ferric iron to ferrous iron, which is more soluble. During the transition from ferric to ferrous iron, the iron concentration in the groundwater increases significantly. This increase in the iron concentration is transitory and, under reducing conditions and over the pH range of 5 – 9 standard units, iron sulfide minerals will become the dominant iron phase. Because of the relative insolubility of these iron sulfide minerals, this will cause a significant decrease in the iron concentration in

solution¹. Therefore, based on this process, ground waters down gradient of the Production Zone formation will not be adversely affected by the current concentrations of iron.

Manganese

The Mine Unit B Production Zone average manganese concentration reacted similarly to average iron concentrations. The average manganese concentration increased during the Stability Period from the June 28, 2004 sampling event to the September 27, 2004 sampling event. However, the average manganese concentration remained constant from the September 27, 2004 sampling event to the December 28, 2004 sampling event.

Manganese reacts similarly to iron. Under oxidizing conditions, manganese is in a higher valence state and forms insoluble hydroxides. Then as conditions in the formation change to a reducing environment, manganese is initially reduced to a more mobile valence state. Manganese will form insoluble oxides that will precipitate from solution, which will decrease the manganese concentration within the Production Zone ground water. Ground waters down gradient of the Production Zone formation will not be adversely affected by the current concentration of manganese.

Uranium

The Mine Unit B Production Zone average uranium concentration increased from 1.79 mg/L to 2.93 mg/L during the Stability Period. However, following the Stability Period, the uranium concentration began to decrease in some wells. PRI believes that the average uranium concentration will continue to decrease due to geochemical processes that are occurring within the Production Zone formation.

The redox condition of the Mine Unit B Production Zone is reducing as evidenced by the dissolution of the iron and manganese hydroxides. Under reducing conditions, uranium will form relatively insoluble metal oxides such as uraninite. As these metal oxides form, the uranium concentration in the Production Zone ground water will decrease. Additionally, since the Production Zone is under reducing conditions, uranium will no longer be leached from the formation, therefore the uranium concentration in solution will be limited by the formation of the metal oxides.²

¹ James I. Drever, The Geochemistry of Natural Waters, Surface and Groundwater Environments, 3rd ed. (Upper Saddle River, New Jersey: Prentice Hall, Inc., 1997), p. 183.

² James I. Drever, The Geochemistry of Natural Waters, Surface and Groundwater Environments, 3rd ed. (Upper Saddle River, New Jersey: Prentice Hall, Inc., 1997), p. 184.

The uranium concentration at the end of the Stability Period was less than the WQD's Class I Domestic Use Suitability Standard of 5 mg/L. Due to this fact and that reducing conditions now exist within the Production Zone, the uranium concentration will not adversely impact ground waters down gradient of the Production Zone.

Selenium

The mine unit average selenium concentration in the Production Zone remained constant during the Stability Period, ranging from 0.0088 mg/L to 0.012 mg/L (Table 2). This average concentration is consistent with the WQD's Class I Domestic Use Suitability Standard of 0.01 mg/L. Also, this concentration is consistent with the maximum baseline concentration for selenium of 0.008 mg/L. Since the mine unit average selenium concentration meets the Class I standard, the selenium concentration will not adversely impact ground water down gradient of the Production Zone.

Arsenic

The Mine Unit B Production Zone average arsenic concentration increased slightly from 0.058 mg/L to 0.067 mg/L during the Stability Period. However, PRI believes that the average arsenic concentration will begin to decrease due to geochemical processes that will occur within the Production Zone formation.

The arsenic was probably mobilized during mining, however the concentration of arsenic in the mining solutions was controlled by the formation of iron hydroxides. Arsenic is strongly adsorbed to iron hydroxides therefore the arsenic concentration remained low. During the reductant phase of restoration, as the iron in the iron hydroxides was reduced and became more mobile, the arsenic, which was adsorbed to the iron hydroxides, was released into solution.³

Ground water samples from Wells MP-14, MP-21 and MP-22 were analyzed at an off site laboratory (Energy Laboratories, Inc.) and the arsenic in solution was determined to be primarily in the + 3 valence state (Table 4). This indicates that arsenic will form relatively insoluble sulfide minerals, which include orpiment and realgar. As these minerals are formed, the arsenic concentration in solution will decrease. Copies of the original laboratory reports are included in Appendix A.

James I. Drever, The Geochemistry of Natural Waters, Surface and Groundwater Environments, 3rd ed. (Upper Saddle River, New Jersey: Prentice Hall, Inc., 1997), pp. 192-193.

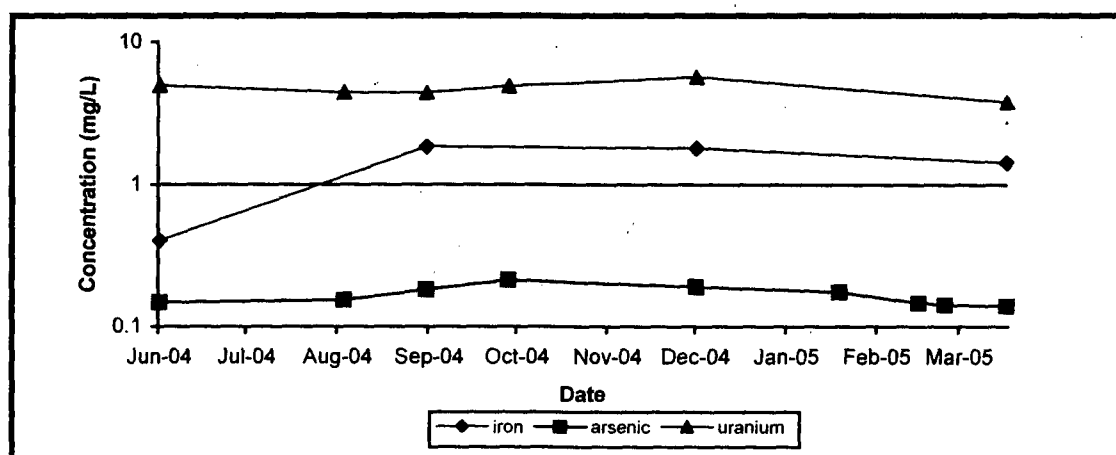
Table 4: Arsenic Speciation Data

Sample Date	Well ID	Arsenic-III (mg/L)	Arsenic-V (mg/L)
03/23/2005	MP-14	0.13	0.0068
03/23/2005	MP-21	0.40	0.010
03/23/2005	MP-22	0.27	0.014

The kinetics of this process is relatively slow, however there is evidence from the Production Zone ground water data collected during the Stability Period that the arsenic concentration is decreasing. The arsenic concentration in Well MP-30 decreased by half during the Stability Period from 0.016 mg/L to 0.008 mg/L. Also, since the dissolution of the iron hydroxides has ceased, arsenic will no longer be coming into solution. An example of this trend is Well MP-14, which is one of the wells of concern. Arsenic, iron and uranium concentrations are decreasing in this well (Figure 6). Copies of the original laboratory reports are included in Appendix A. The entire mine unit is predicted to react similarly since reducing conditions are present throughout.

The mine unit average arsenic concentration remained below the Class II and Class III standards during the Stability Period. PRI believes that any further active restoration to decrease the arsenic concentration is not needed since the conditions already exist within the Production Zone that will cause the arsenic to precipitate from solution.

Figure 6: MP-14 Arsenic, Iron and Uranium Concentrations



2. LQD Comment

Wells M-38 and M-48 should be sampled.

PRI Response

Wells M-38 and M-48 are non-mineralized Production Zone Monitor Wells that went on excursion status during production of Mine Unit B. These wells were inadvertently left off of the list of wells to be sampled for the Mine Unit B Restoration Report. To rectify this oversight, PRI collected ground water samples from Wells M-38 and M-48 on January 24, 2004. Listed in Table 5, are the ground water quality data from these sample events and also, the average, minimum and maximum parameter concentrations from the baseline ground water samples collected from these wells during September and October 1987. A comparison of the baseline ground water quality data to the ground water quality data collected in January 2005 indicates that these wells have been returned to baseline conditions as required in Section 4.2.1 of the Reclamation Plan. Copies of the original laboratory reports are included in Appendix C.

Well M-38

The baseline ground water quality data for Well M-38 indicates that the original Class of Use, for this well was Class IV (A) due to the radium concentration exceeding 5 pCi/L. This classification is based on a determination by WQD and LQD staff personnel that ground water that contains radium 226 concentrations in excess of 5 pCi/L will be classed as Class IV (LQD correspondence dated November 25, 2003). In this case, the ground water is Class IV (A), since the total dissolved solids concentration is less than 10,000 mg/L. Although the iron concentration exceeds the baseline value in Well M-38, the ground water sample data collected in January 2005 indicates that this well remains Class IV (A). Therefore PRI believes that no further restoration is required for this well.

Well M-48

The baseline ground water quality data for Well M-48 indicates that the original Class of Use, as defined by Chapter 8 of the WQD's Rules and Regulations, for this well is Class I. The concentration of iron increased to 0.13 mg/L, which exceeds the baseline concentrations, however it remains below the Class I Domestic Use Suitability Standard. The concentration of radium 226 increased an insignificant amount from an average of 0.7 pCi/L to 2.5 pCi/L, however it also remains below the Class I Domestic Use Suitability Standard. Therefore, PRI believes that no further restoration is required for this well.

Table 5: M-38 and M-48 Sample Data

Well_ID	M38				M48			
	Baseline 1987			1/24/05	Baseline 1987			1/24/05
Major Ions	Average	Min	Max		Average	Min	Max	
Calcium (Ca)	44.9	44.8	45	48.0	47.9	47.8	48	45
Magnesium (Mg)	8.6	8.5	8.6	10.0	8.5	8.2	8.8	10.0
Sodium (Na)	54.7	52.9	56.5	52.0	54.0	52.8	55.1	55.0
Potassium (K)	7.7	6.7	8.7	6	7.5	7.5	7.5	5
Carbonate (CO3)	0	0	0	ND	1.05	0	2.1	ND
Bicarbonate (HCO3)	201	200	203	199	209	205	212	210
Sulfate (SO4)	101	99.5	103	99	98	95	101	90
Chloride (Cl)	3.6	2.5	4.5	3	4.4	4.2	4.7	4
Ammonium (NH4) as N	0.14	0.13	0.15	0.14	0.17	0.16	0.18	0.17
Nitrite (NO2) as N	< 0.01	< 0.01	< 0.01	ND	< 0.01	< 0.01	< 0.01	ND
Nitrate (NO3) as N	0.01	0.01	0.01	ND	0.015	0.01	0.02	ND
Fluoride (F)	0.46	0.34	0.58	0.2	0.16	0.15	0.17	0.2
Silica (SiO2)	15.8	15.4	16.1	15.0	16.1	16.1	16.1	13.5
Non-Metals								
Total Dissolved Solids (TDS) @ 180 C	337	330	348	325	361	352	376	316
Conductivity	531	519	541	522	553	538	582	517
Alkalinity, measured as CaCO3	164	164	164	163	173	172	174	172
pH	8.00	7.87	8.15	7.91	8.18	8.07	8.35	8
Trace Metals								
Aluminum (Al)	< 0.1	< 0.1	< 0.1	ND	< 0.1	< 0.1	< 0.1	ND
Arsenic (As)	< 0.001	< 0.001	< 0.001	ND	0.0015	0.001	0.002	ND
Barium (Ba)	< 0.1	< 0.1	< 0.1	ND	< 0.1	< 0.1	< 0.1	ND
Boron (B)	< 0.1	< 0.1	< 0.1	ND	< 0.1	< 0.1	< 0.1	ND
Cadmium (Cd)	< 0.01	< 0.01	< 0.01	ND	< 0.01	< 0.01	< 0.01	ND
Chromium (Cr)	< 0.05	< 0.05	< 0.05	ND	< 0.05	< 0.05	< 0.05	ND
Copper (Cu)	< 0.01	< 0.01	< 0.01	ND	< 0.01	< 0.01	< 0.01	ND
Iron (Fe)	< 0.047	0.04	< 0.05	0.18	< 0.05	< 0.05	< 0.05	0.13
Lead (Pb)	< 0.05	< 0.05	< 0.05	ND	< 0.05	< 0.05	< 0.05	ND
Manganese (Mn)	0.025	0.02	0.03	0.03	0.02	0.02	0.02	0.01
Mercury (Hg)	< 0.001	< 0.001	< 0.001	ND	< 0.001	< 0.001	< 0.001	ND
Molybdenum (Mo)	< 0.1	< 0.1	< 0.1	ND	< 0.1	< 0.1	< 0.1	ND
Nickel (Ni)	< 0.05	< 0.05	< 0.05	ND	< 0.05	< 0.05	< 0.05	ND
Selenium (Se)	< 0.001	< 0.001	< 0.001	ND	< 0.001	< 0.001	< 0.001	ND
Vanadium (V)	< 0.1	< 0.1	< 0.1	ND	< 0.1	< 0.1	< 0.1	ND
Zinc (Zn)	< 0.015	< 0.01	0.02	ND	< 0.01	< 0.01	< 0.01	ND
Radiometric								
Uranium	0.003	0.002	0.006	0.018	0.015	0.0003	0.024	0.0054
Radium 226	17.8	14.9	21.8	18.4	0.7	0.4	0.9	2.5
Radium Precision ±	1.2	1	1.5	1.9	0.33	0.3	0.4	0.6

3. LQD Comment

Four monitor wells exceed baseline and class of use. PRI should restore these wells to meet the statutory requirements.

PRI Response

The four perimeter non-mineralized Production Zone monitor wells that are referred to in this comment are Wells M-42, M-43, M-44 and M-45.

Well M-42

Table 6 contains the most recent ground water analysis collected from Well M-42. The data shows that the total dissolved solids concentration is below the Class I Use Suitability Standard of 500 mg/L. Also, the data shows that the uranium concentration has remained below the Class I Use Suitability Standard of 5 mg/L.

Table 6: M-42 Data

Well ID	Date	TDS (mg/L)	TDS Class I Standard (mg/L)	Uranium (mg/L)	Uranium Class I Standard (mg/L)
M-42	04/24/05	467	500	0.746	5.0

The pre-mining ground water classification for Well M-42 is Class IV (A) since all parameters met Class I Standards, except for the radium 226 concentration, which exceeded the Class I Use Suitability Standard of 5 pCi/L. PRI considers this well to be restored as required by Section 4.2.1 of the Reclamation Plan, since all parameters have been restored "to the baseline condition" for this well.

In Mr. Ingle's memorandum, he discusses his concern that the uranium concentration in this well exceeds the Environmental Protection Agency's (EPA) newly instituted maximum contaminant level (MCL) of 0.03 mg/L. Mr. Ingle's concern apparently arises from the fact that the EPA prohibits the movement of contaminants into an underground source of drinking water. Since the perimeter monitor well ring is considered the edge of the Exempted Aquifer, Mr. Ingle apparently is concerned that unless PRI returns the uranium concentration to the baseline concentration, PRI will be in violation of this EPA regulation.

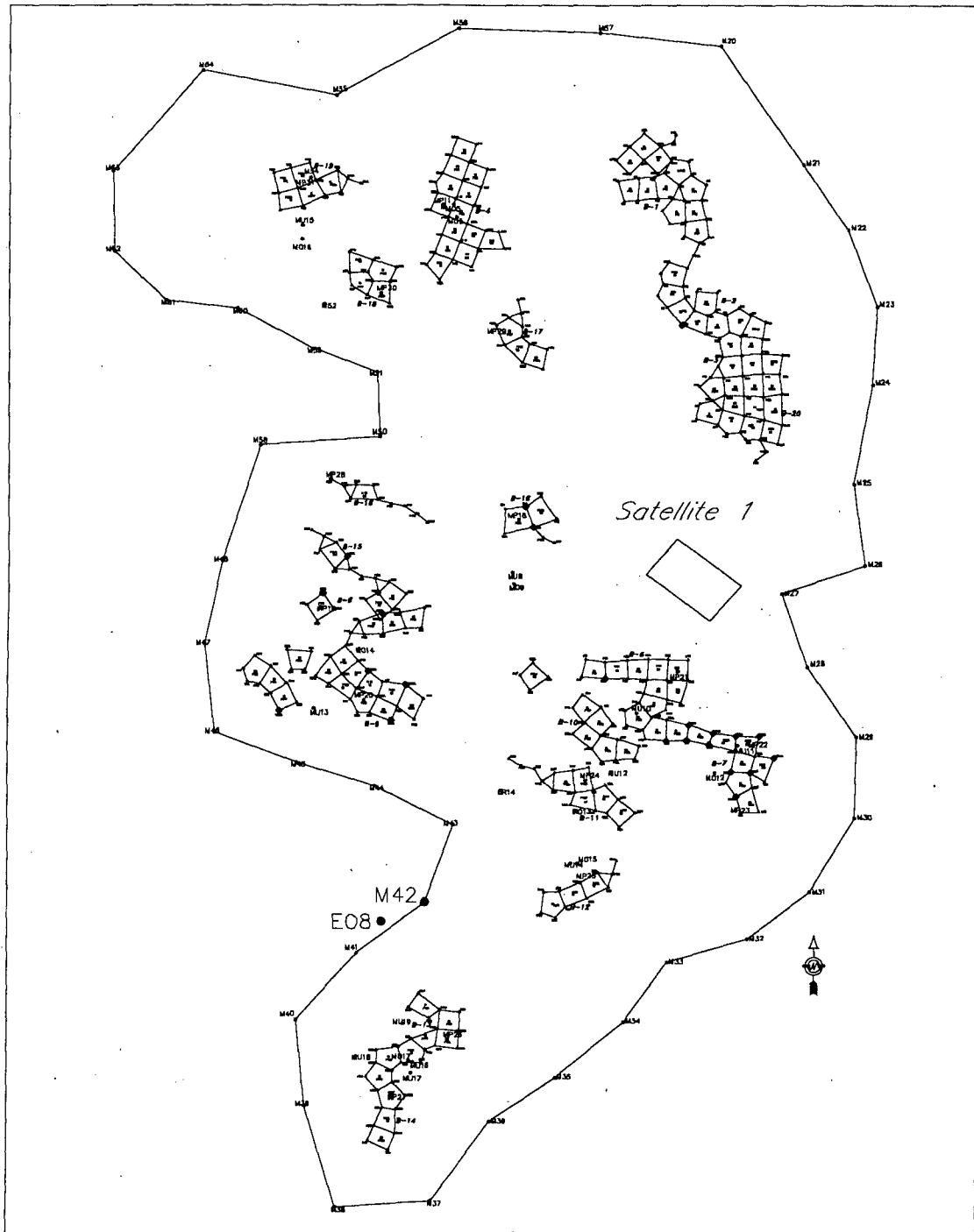
At the time that Permit to Mine No. 603 was granted, there was no EPA MCL for uranium. However, the WQD Rules and Regulations Chapter 8 Table I standard for Classes I, II and III ground waters was the same as the current standard of 5 mg/L. PRI understood that the ground water in the MU-B Production Zone would be restored to below this standard, which has been accomplished.

Additionally, PRI believes that the ground water within the vicinity of this well should not be considered drinking water due to levels of radium 226 that exceed the Class I standard. Ground water data collected during the Highland Expanded R&D Pilot project supports this belief. Data reported in Appendix 3 Table 3-6 of the August 19, 1985 "Supplemental Report to Restoration Achievement at Exxon Mineral Company's Expanded R&D Pilot In Situ Uranium Mine Highland Uranium Operations" submitted by Everest Minerals Corporation to the WDEQ, indicates that radium 226 concentrations exceeded the 5 pCi/L Class I standard during three sampling events of Well EO8 (Table 7). Copies of the original data are included in Appendix C. Well EO8 was an observation well, which was a non-mineralized Production Zone monitor well for the Exxon pilot plant facility operated from December 16, 1978 to September 30, 1981. This observation well is located outside of the MU-B perimeter monitor well ring 170 feet southwest of Well M-42 (Figure 7). The fact that this well, which was installed prior to any mining activity in MU-B, had a higher radium concentration than the Class I standard indicates that the ground water immediately to the west of Well M-42 is not an underground source of drinking water. Therefore the EPA MCL does not apply to this area, as such, PRI does not believe that any additional restoration of Well M-42 is required.

Table 7: Well EO8 Radium Data

Weeks Into Restoration	16	100	171
Radium 226 (pCi/L)	42	7	9

Figure 7: Location of EO8



Wells M-43, M-44, M-45

Wells M-43, M-44 and M-45 are non-mineralized Production Zone monitor wells that went on excursion status during production. The baseline ground water quality data from September and October 1987 indicates that the pre-mining classification for these wells is Class I as defined by Chapter 8 of the WQDs Rules and Regulations. The ground water sample data collected by PRI for the Mine Unit B Restoration Report in June 2004 showed that each of these wells contained radium 226 concentrations that slightly exceeded the Class I Domestic Use Suitability Standard. The radium 226 concentration for Class I ground water is 5 pCi/L and the concentrations for Wells M-43 through M-45 ranged from 5.9 pCi/L to 9.5 pCi/L.

PRI collected ground water samples from these wells again on March 7, 2005 and had the samples analyzed for radium 226. The result for each well is listed in Table 8. Copies of the original laboratory reports are included in Appendix C.

Table 8: M-Well Radium Analyses

Well ID	Radium 226 (pCi/L)	Date Sampled
M-43	2.7	03/07/2005
M-44	1.7	03/07/2005
M-45	1.7	03/07/2005

The data presented in Table 8 indicates that Wells M-43 through M-45 now meet the Class I standard for radium 226, therefore PRI believes that no further restoration is required for these wells.

4. **LQD Comment**

There were no graphs provided showing the water quality improvement during each stage of restoration. Please provide graphs showing water quality improvement.

PRI Response

Table 9 lists the time frame for each stage of restoration, so that ground water quality improvement can be noted during each stage. Ground water quality graphs of the MP-Wells sampled in Mine Unit B during restoration are provided as Figure B-1 through Figure B-4.

Table 9: Restoration Stages

Date	Stage of Restoration
July 1991 – July 1997	Ground Water Sweep
July 1997 – June 2004	Ground Water Treatment and Re-injection
~ June 1999 – June 2004	Reductant Addition

Appendix C: Additional Lab Analyses and Graphs

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C05040995-001
Client Sample ID: BM 42

Report Date: 04/28/05
Collection Date: 04/24/05 04:40
Date Received: 04/26/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
PHYSICAL PROPERTIES							
Solids, Total Dissolved TDS @ 180 C	467	mg/L		10		A2540 C	04/26/05 10:30 / sl
METALS - TOTAL							
Uranium	0.746	mg/L		0.0003		E200.8	04/26/05 18:04 / bws

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

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

APPENDIX 3
TABLE 3-6 CONTINUED

Radium 226, R & D Pilot, Weeks into Restoration	100	104	108	112	116	120	124	128	132	136	140	144	149	154	158	163	166	171	196
I-1	282			175	44			660					74	130	92	120	67	84	112
I-2	447			229	520			490											
I-3	474				340			350											
I-4	301				250			190					120	430	120	160	43	49	237
P-1	231			376	320			480											
P-2	251			196	220			230											
P-3	353			148	190			200					270	180	590	1300	83	121	135
P-4	422			389	300			560											
P-5	643			438	620			950					1000	360	570	370	758	316	811
P-6	286			499	350			200											
P-7	52			202	140			320					210	550	1000	490	254	171	197
P-8	30			37	1			68											
P-9	681			94	110			280					420	76	810	1200	303	232	258
P-10	346			187	180			160											
P-11	309			183	68			280											
G-2	162				120			190											
G-5	502				390			92											
G-8	39				36			26											
G-9	60				23			53											
O-1	6				3			9											
O-2	53				30			66					66	16	69	76	46	63	54
O-3	7				3			4					4	14	3	7	4	3	6
O-4	3				8			7											
O-5	62				18			12					20	17	27	20	20	25	34
O-6	45				41			67					53	19	69	65	49	38	47
O-7	64				30			53											
O-8	7				2			-1					4	3	2	3	3	9	3
O-9	6				3			2					3	32	2	2	2	5	2
M-1	4				2			-1											2
M-2	28				1			-1											4
M-3	19				1			2											
M-4	15				18			13											
M-5	20				31			170											
MAI AVG	219	ERR	ERR	243	156	ERR	ERR	214	ERR	ERR	ERR	ERR	187	152	280	318	136	93	158
WTD AVG	123	ERR	ERR	ERR	87	ERR	ERR	99	ERR	ERR	ERR	ERR	80	63	114	128	60	47	70

APPENDIX 3
TABLE 3-6

Radium 226, R 1 D'f:tot. weeks into Restoration

	0	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84	88	92	96
I-1																	90	140	165	156		122			137
I-2																	146	160		9		64	115		77
I-3																	93	210	269	15		179			97
I-4		641		520													228	360	274	87		116	127		96
F-1		666		800	626				680		480			320			228	280	247	24		203	197		147
F-2		46		480					940		420			230			172	280	255	27		112	189		60
F-3		70		610	850				530					190			188	170	127	13		288	115		182
F-4		1524		1100	606				1000		640			460			431	540	391	53		394	207		389
F-5		1651		1400	940				1960		1100			1000			902	900	934	90		660	204		342
F-6		1329		450	440				620		450			250			288	180	239	14		254	184		243
F-7																	224	110	103	9		112	95		255
F-8																	77	90	99	7		63	36		21
F-9		560		310					390		140			260			243	250	258	27		257	147		137
F-10		204		410	310				62		250			800			297	160	155	11		170	165		45
F-11		31		22	460				340		280			130			65	280	244	15		448	101		66
G-2									250		120			249			42			285		57			43
G-5									270		350			222			291			295		148	266		
G-8									30		15			34			22			27		12	18		
G-9									130		110			88			55			75		3	55		
O-1		8		8					9		8			11			5			2		3	3		
O-2		43		63					62		77			52			52			60		15	39		
O-3		3		5					4		4			6			2			3		2	6		
O-4		5		10					10		6			7			7			5		-1	6		
O-5		19		27					38		35			31			18			24		10	23		
O-6		41		54					59		57			55			48			25		14	21		
O-7		19		40					18		12			13			12			42		11	20		
O-9				42					1		1			2			3			5		-1	2		
O-9		3		2					2		3			18			3			11		-1	4		
M-1		5		3					3		2			2			1			20		-1	7		
M-2		7		3					2		3			9			2			13		1	6		
M-3		140		16					32		10			23			17			35		8	3		
M-4				7					8		16			2			11			15		5	12		
M-5				10					62		3			86			23			57		28	15		
MAX AVG	ERR	381	ERR	610	296	ERR	ERR	ERR	334	ERR	217	ERR	ERR	202	ERR	ERR	151	274	269	51	ERR	133	92	153	ERR
WTD AVG	ERR	129	ERR	ERR	133	ERR	ERR	ERR	179	ERR	131	ERR	ERR	120	ERR	ERR	78	ERR	ERR	61	ERR	57	57	ERR	ERR



WPL → SN
CC BH

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C05010755-001
 Client Sample ID: BM 38

Report Date: 02/03/05
 Collection Date: 01/24/05 09:15
 Date Received: 01/25/05
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	163	mg/L		1		A2320 B	01/28/05 08:34 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	01/28/05 08:34 / nlm
Bicarbonate as HCO3	199	mg/L		1		A2320 B	01/28/05 08:34 / nlm
Calcium	48	mg/L		1		E200.7	01/27/05 15:43 / ts
Chloride	3	mg/L		1		E200.7	01/27/05 15:43 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	01/31/05 13:56 / slb
Magnesium	10	mg/L		1		E200.7	01/27/05 15:43 / ts
Nitrogen, Ammonia as N	0.14	mg/L		0.05		A4500-NH3 G	01/27/05 13:40 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	01/26/05 12:41 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.1		A4500-NO2 B	01/26/05 12:41 / jal
Potassium	6	mg/L		1		E200.7	01/27/05 15:43 / ts
Silica	15.0	mg/L		0.1		E200.7	01/27/05 15:43 / ts
Sodium	52	mg/L		1		E200.7	01/27/05 15:43 / ts
Sulfate	99	mg/L		1		E200.7	01/27/05 15:43 / ts
PHYSICAL PROPERTIES							
Conductivity	522	umhos/cm		1.0		A2510 B	01/25/05 14:11 / jb
pH	7.91	s.u.		0.01		A4500-H B	01/25/05 14:33 / jb
Solids, Total Dissolved TDS @ 180 C	325	mg/L		10		A2540 C	01/25/05 15:49 / jb
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	01/27/05 14:34 / bws
Arsenic	ND	mg/L		0.001		E200.8	01/27/05 14:34 / bws
Barium	ND	mg/L		0.1		E200.8	01/27/05 14:34 / bws
Boron	ND	mg/L		0.1		E200.7	01/27/05 15:43 / ts
Cadmium	ND	mg/L		0.005		E200.8	01/27/05 14:34 / bws
Chromium	ND	mg/L		0.05		E200.8	01/27/05 14:34 / bws
Copper	ND	mg/L		0.01		E200.8	01/27/05 14:34 / bws
Iron	0.18	mg/L		0.03		E200.7	01/27/05 15:43 / ts
Lead	ND	mg/L		0.05		E200.8	01/27/05 14:34 / bws
Manganese	0.03	mg/L		0.01		E200.8	01/27/05 14:34 / bws
Mercury	ND	mg/L		0.001		E200.8	01/27/05 14:34 / bws
Molybdenum	ND	mg/L		0.1		E200.8	01/27/05 14:34 / bws
Nickel	ND	mg/L		0.05		E200.8	01/27/05 14:34 / bws
Selenium	ND	mg/L		0.001		E200.8	01/27/05 14:34 / bws
Uranium	0.0184	mg/L		0.0003		E200.8	01/27/05 14:34 / bws
Vanadium	ND	mg/L		0.1		E200.8	01/27/05 14:34 / bws
Zinc	ND	mg/L		0.01		E200.8	01/27/05 14:34 / bws
RADIONUCLIDES - DISSOLVED							
Uranium 226	18.4	pCi/L		0.2		E903.0	01/26/05 13:10 / df
Uranium 226 precision (±)	1.9	pCi/L				E903.0	01/26/05 13:10 / df

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

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



LABORATORY ANALYTICAL REPORT



Client: Power Resources Inc
Project: SR-HUP
Lab ID: C05010755-001
Client Sample ID: BM 38

Report Date: 02/03/05
Collection Date: 01/24/05 09:15
Date Received: 01/25/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
DATA QUALITY							
A/C Balance (± 5)	2.00	%				Calculation	01/31/05 10:47 / smd
Anions	5.42	meq/L				Calculation	01/31/05 10:47 / smd
Cations	5.64	meq/L				Calculation	01/31/05 10:47 / smd
Solids, Total Dissolved Calculated	331	mg/L				Calculation	01/31/05 10:47 / smd
TDS Balance (0.80 - 1.20)	0.980	dec. %				Calculation	01/31/05 10:47 / smd



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C05010755-002
 Client Sample ID: BM 48

Report Date: 02/03/05
 Collection Date: 01/24/05 10:20
 Date Received: 01/25/05
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Total as CaCO3	172	mg/L		1		A2320 B	01/28/05 08:46 / nlm
Carbonate as CO3	ND	mg/L		1		A2320 B	01/28/05 08:46 / nlm
Bicarbonate as HCO3	210	mg/L		1		A2320 B	01/28/05 08:46 / nlm
Calcium	45	mg/L		1		E200.7	01/27/05 15:46 / ts
Chloride	4	mg/L		1		E200.7	01/27/05 15:46 / ts
Fluoride	0.2	mg/L		0.1		A4500-F C	01/31/05 13:59 / slb
Magnesium	10	mg/L		1		E200.7	01/27/05 15:46 / ts
Nitrogen, Ammonia as N	0.17	mg/L		0.05		A4500-NH3 G	01/27/05 13:42 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	01/26/05 12:43 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.1		A4500-NO2 B	01/26/05 12:43 / jal
Potassium	5	mg/L		1		E200.7	01/27/05 15:46 / ts
Silica	13.8	mg/L		0.1		E200.7	01/27/05 15:46 / ts
Sodium	55	mg/L		1		E200.7	01/27/05 15:46 / ts
Sulfate	90	mg/L		1		E200.7	01/27/05 15:46 / ts
PHYSICAL PROPERTIES							
Conductivity	517	umhos/cm		1.0		A2510 B	01/25/05 14:12 / jb
pH	8.00	s.u.		0.01		A4500-H B	01/25/05 14:33 / jb
Solids, Total Dissolved TDS @ 180 C	316	mg/L		10		A2540 C	01/25/05 15:49 / jb
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	01/27/05 14:41 / bws
Arsenic	ND	mg/L		0.001		E200.8	01/27/05 14:41 / bws
Barium	ND	mg/L		0.1		E200.8	01/27/05 14:41 / bws
Boron	ND	mg/L		0.1		E200.7	01/27/05 15:46 / ts
Cadmium	ND	mg/L		0.005		E200.8	01/27/05 14:41 / bws
Chromium	ND	mg/L		0.05		E200.8	01/27/05 14:41 / bws
Copper	ND	mg/L		0.01		E200.8	01/27/05 14:41 / bws
Iron	0.13	mg/L		0.03		E200.7	01/27/05 15:46 / ts
Lead	ND	mg/L		0.05		E200.8	01/27/05 14:41 / bws
Manganese	0.01	mg/L		0.01		E200.8	01/27/05 14:41 / bws
Mercury	ND	mg/L		0.001		E200.8	01/27/05 14:41 / bws
Molybdenum	ND	mg/L		0.1		E200.8	01/27/05 14:41 / bws
Nickel	ND	mg/L		0.05		E200.8	01/27/05 14:41 / bws
Selenium	ND	mg/L		0.001		E200.8	01/27/05 14:41 / bws
Uranium	0.0054	mg/L		0.0003		E200.8	01/27/05 14:41 / bws
Vanadium	ND	mg/L		0.1		E200.8	01/27/05 14:41 / bws
Zinc	ND	mg/L		0.01		E200.8	01/27/05 14:41 / bws
RADIONUCLIDES - DISSOLVED							
Radium 226	2.5	pCi/L		0.2		E903.0	01/26/05 13:10 / df
Radium 226 precision (±)	0.6	pCi/L				E903.0	01/26/05 13:10 / df

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C05010755-002
Client Sample ID: BM 48

Report Date: 02/03/05
Collection Date: 01/24/05 10:20
Date Received: 01/25/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
DATA QUALITY							
A/C Balance (± 5)	2.21	%				Calculation	01/31/05 10:47 / smd
Anions	5.41	meq/L				Calculation	01/31/05 10:47 / smd
Cations	5.66	meq/L				Calculation	01/31/05 10:47 / smd
Solids, Total Dissolved Calculated	326	mg/L				Calculation	01/31/05 10:47 / smd
TDS Balance (0.80 - 1.20)	0.970	dec. %				Calculation	01/31/05 10:47 / smd

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

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



WAK → BW

cc BH
3/21/05

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP
 Lab ID: C05030280-001
 Client Sample ID: BM43

B-WF Restrictive

Report Date: 03/15/05
 Collection Date: 03/07/05 11:25
 Date Received: 03/07/05
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - QUICK COUNT - DISSOLVED							
Radium 226	4.5	pCi/L		0.2		E903.0	03/08/05 14:00 / trs
Radium 226 precision (±)	1.2	pCi/L				E903.0	03/08/05 14:00 / trs
RADIONUCLIDES - DISSOLVED							
Radium 226	2.7	pCi/L		0.2		E903.0	03/08/05 14:00 / trs
Radium 226 precision (±)	0.6	pCi/L				E903.0	03/08/05 14:00 / trs

Port
 Definitions:

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc

Project: SR-HUP

Lab ID: C05030280-002

Client Sample ID: BM44

Report Date: 03/15/05

Collection Date: 03/07/05 14:40

Date Received: 03/07/05

Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - QUICK COUNT - DISSOLVED							
Radium 226	3.1	pCi/L		0.2		E903.0	03/08/05 14:00 / trs
Radium 226 precision (±)	1.0	pCi/L				E903.0	03/08/05 14:00 / trs
RADIONUCLIDES - DISSOLVED							
Radium 226	1.7	pCi/L		0.2		E903.0	03/08/05 14:00 / trs
Radium 226 precision (±)	0.5	pCi/L				E903.0	03/08/05 14:00 / trs



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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C05030280-003
Client Sample ID: BM45

Report Date: 03/15/05
Collection Date: 03/07/05 12:40
Date Received: 03/07/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - QUICK COUNT - DISSOLVED							
Radium 226	3.1	pCi/L		0.2		E903.0	03/08/05 14:00 / trs
Radium 226 precision (±)	1.1	pCi/L				E903.0	03/08/05 14:00 / trs
RADIONUCLIDES - DISSOLVED							
Radium 226	1.7	pCi/L		0.2		E903.0	03/08/05 14:00 / trs
Radium 226 precision (±)	0.5	pCi/L				E903.0	03/08/05 14:00 / trs

Port
Definitions:

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

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

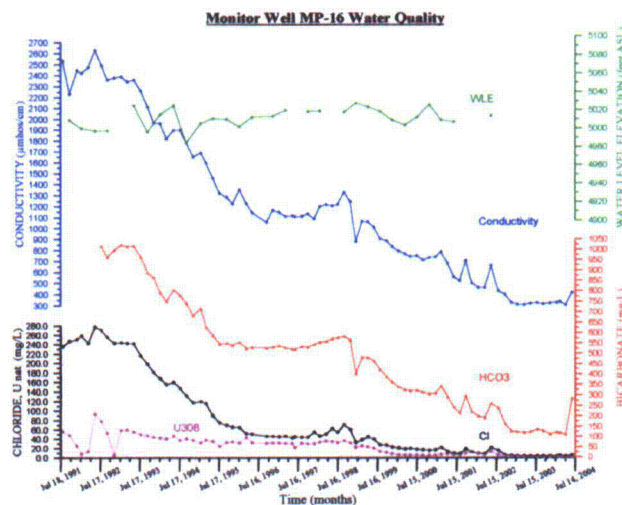
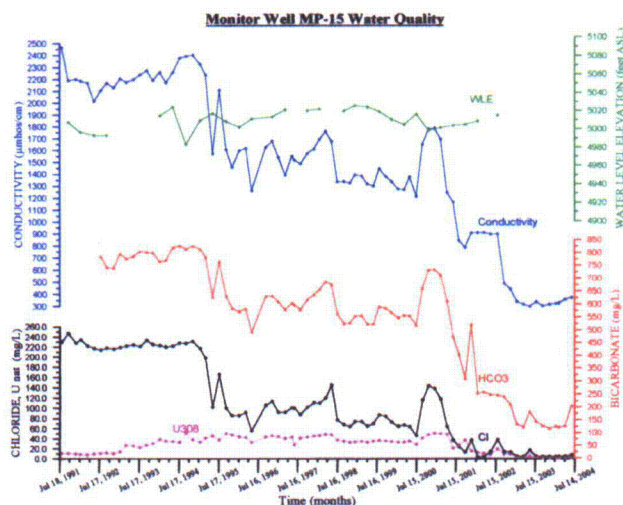
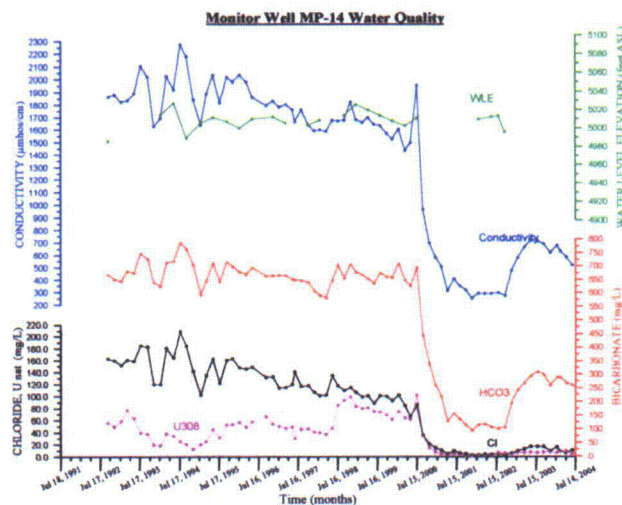
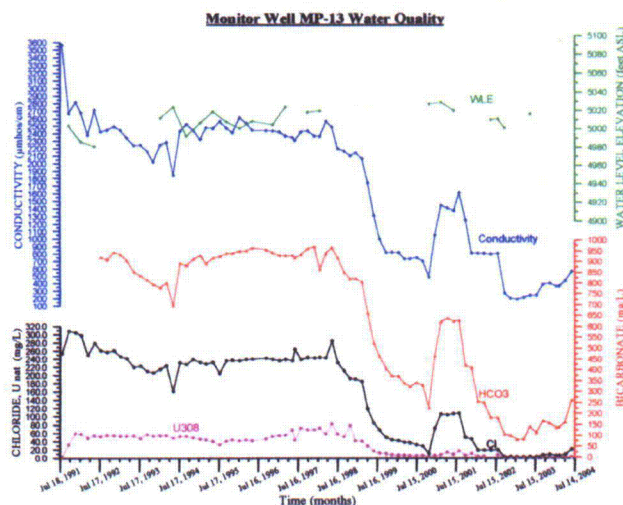
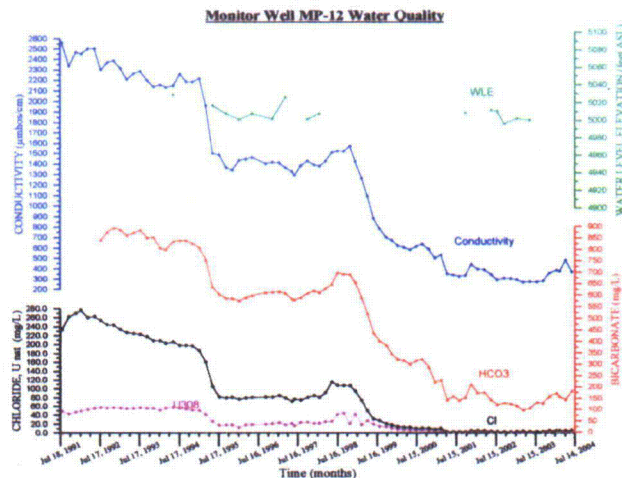
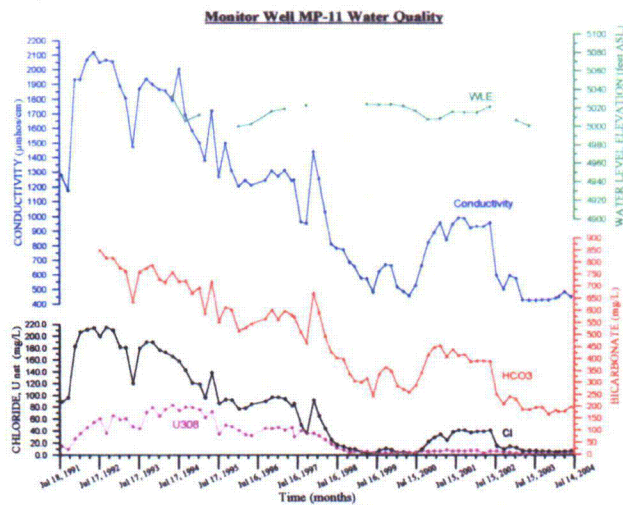


Figure B-1, Time-Concentration Plots of Monitor Wells MP-11 to MP-16, May 2004

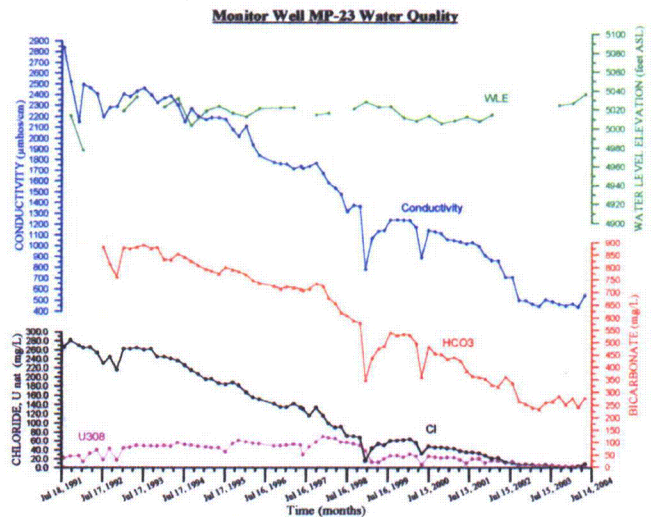
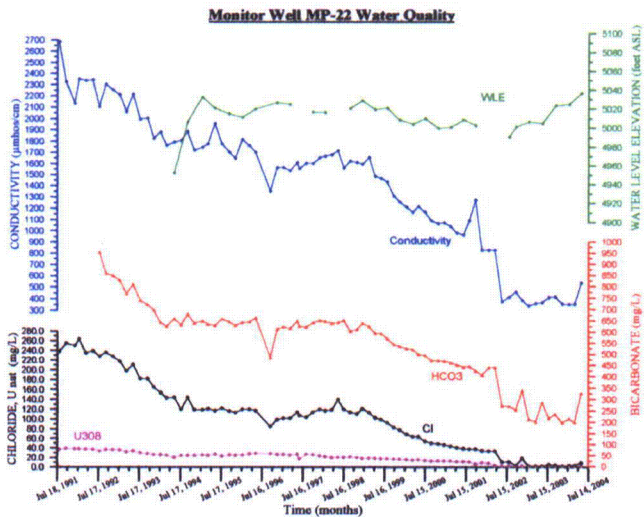
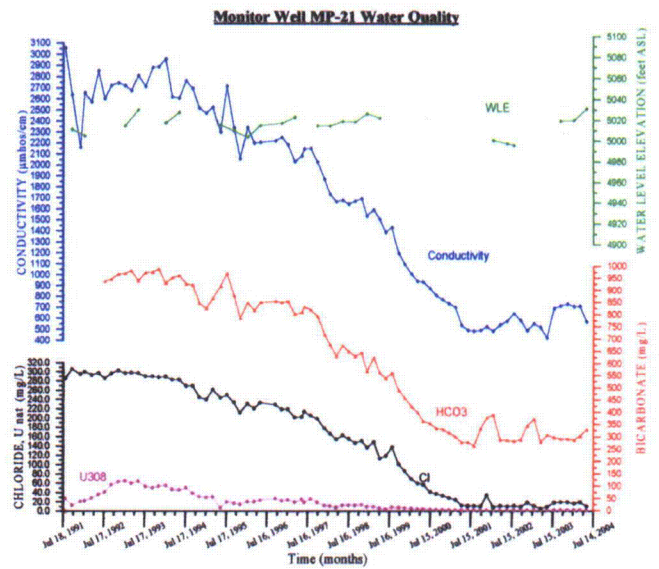
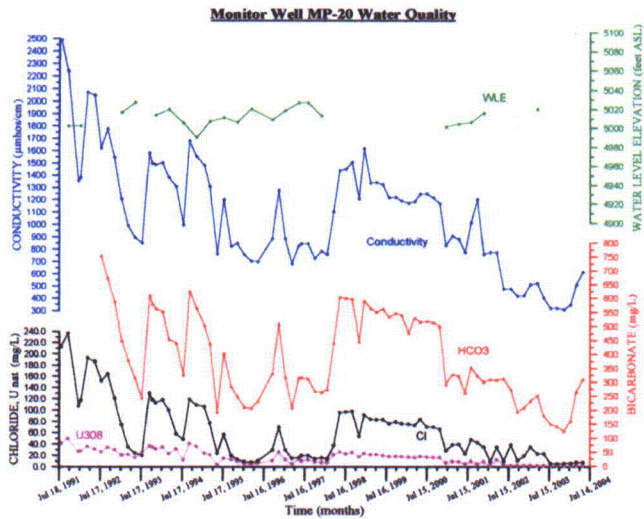
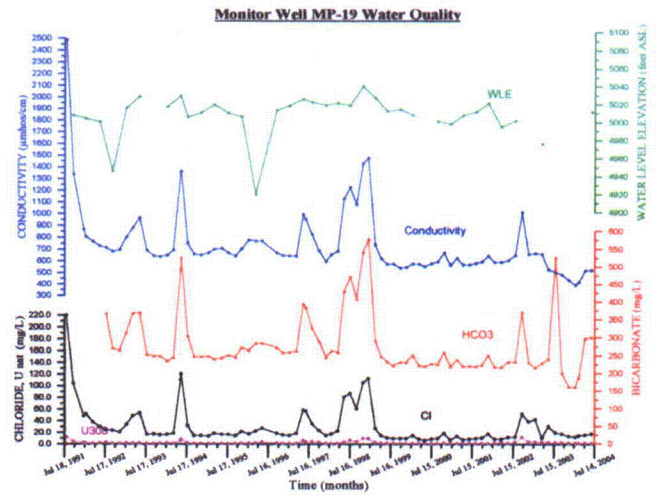
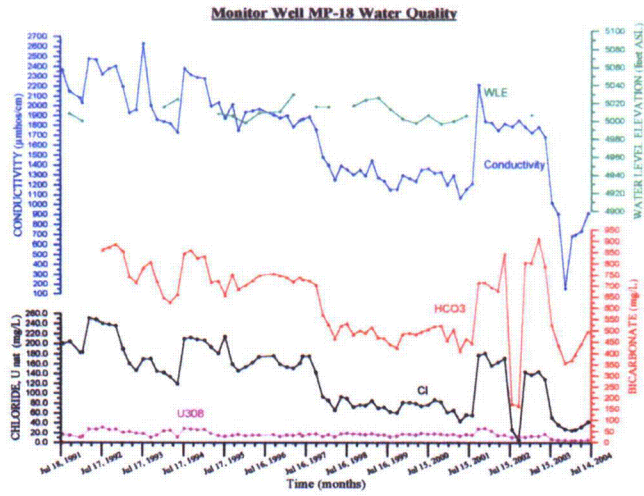


Figure B-2, Time-Concentration Plots of Monitor Wells MP-18 to MP-23, May 2004

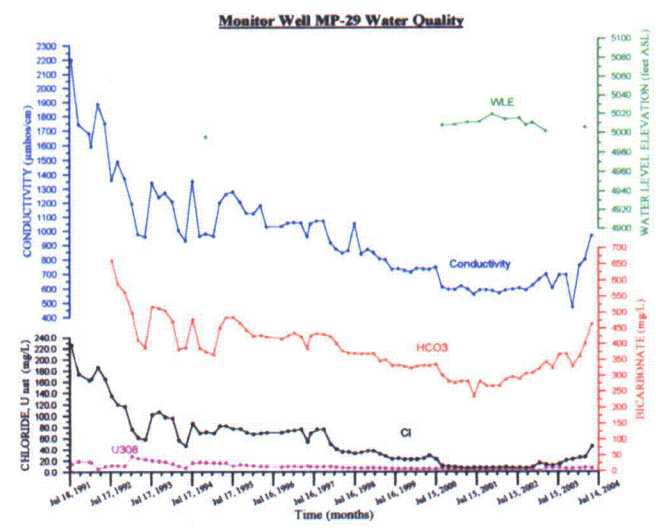
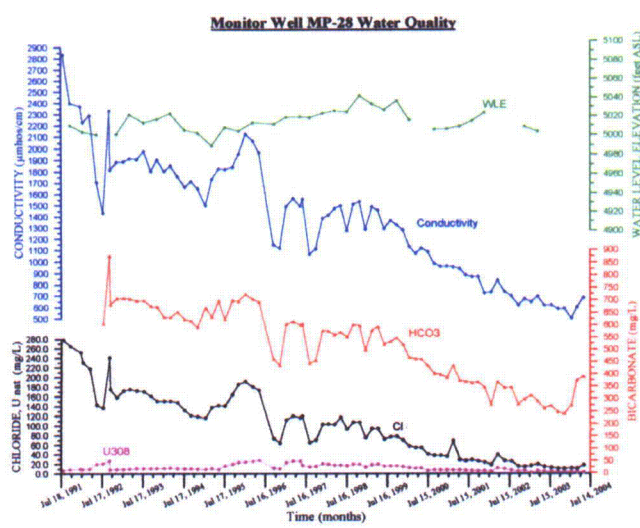
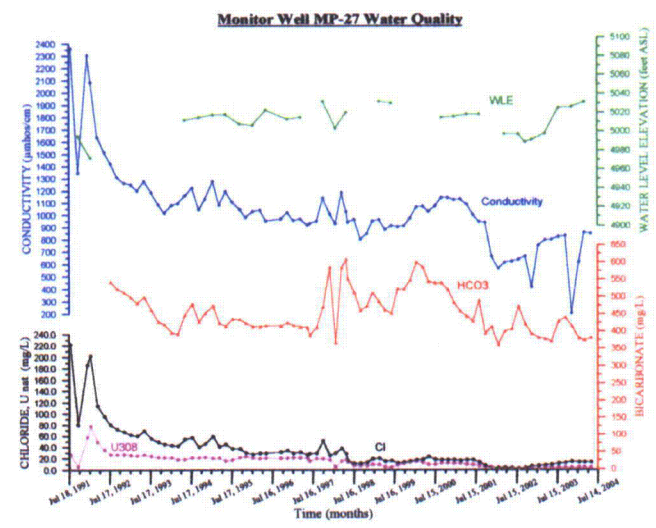
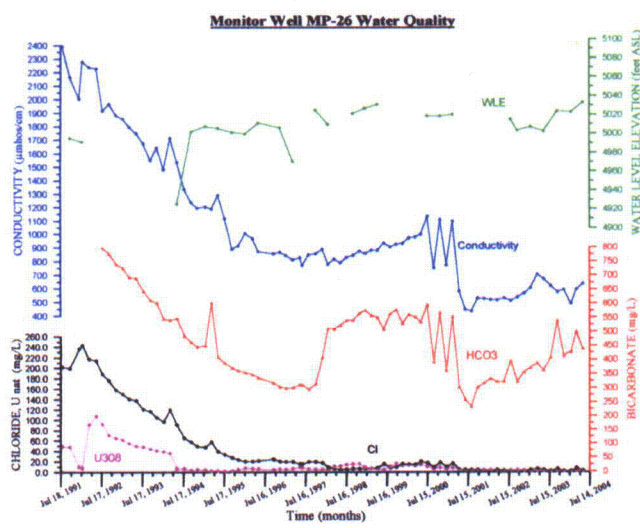
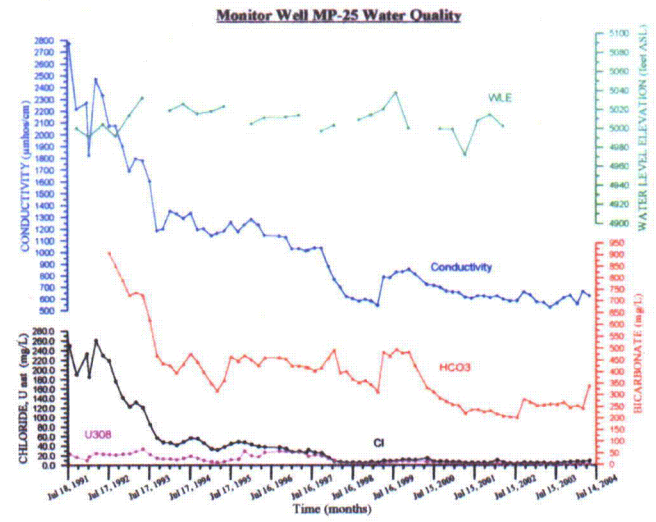
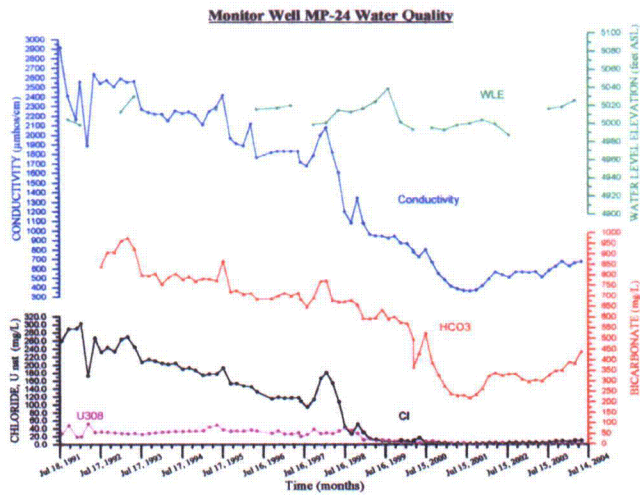


Figure B-3, Time-Concentration Plots of Monitor Wells MP-24 to MP-29, May 2004

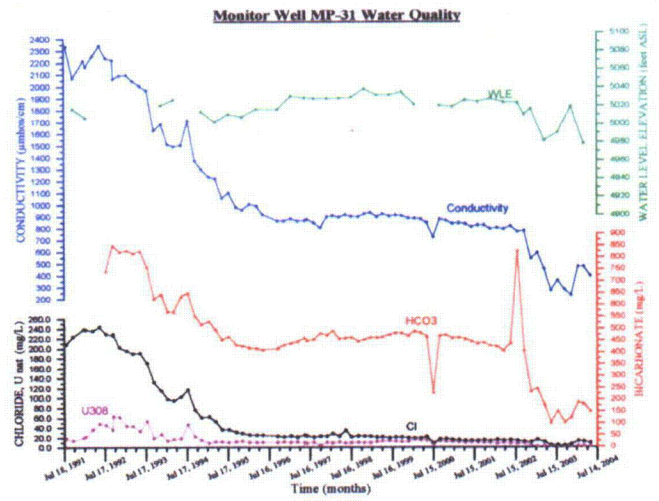
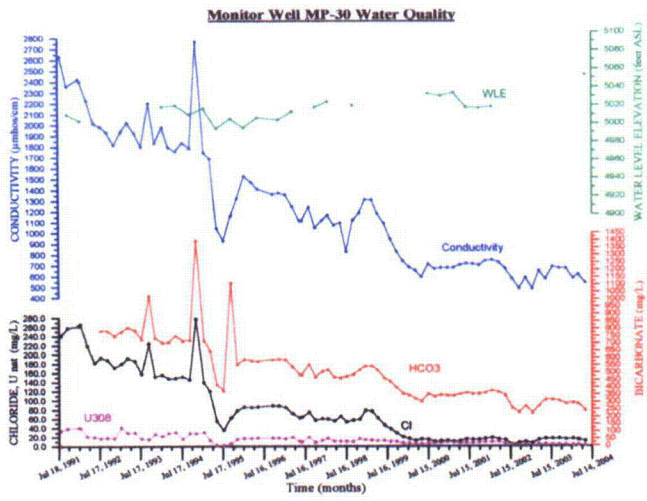


Figure B-4, Time-Concentration Plots of Monitor Wells MP-30 to MP-31, May 2004



**Smith Ranch - Highland
Uranium Project**
P. O. Box 1210
Glenrock, Wyoming USA 82637
Casper: 307-235-1628
Douglas: 307-358-6541
Fax: 307-358-4533

May 5, 2005

Mr. Lowell Spackman, District 1 Supervisor
Land Quality Division
Wyoming Department of Environmental Quality
Herschler Building
122 W. 25th Street
Cheyenne, WY 82002

RE: Permit No. 603- Highland Uranium Project
Mine Unit-B Ground Water Restoration Stability Report

Dear Mr. Spackman:

In accordance with the approved Reclamation Plan for Permit No. 603, Powers Resources Inc. (PRI) herein submits two (2) copies of the Mine Unit B Ground Water Restoration Stability Report for review by the Land Quality Division (LQD) staff. The report is included in a 3-ring binder.

The Mine Unit B area was mined for uranium using In-Situ Leach (ISL) methods. Accordingly, ground water restoration at Mine Unit B was completed in accordance with requirements of the approved permit, the ISL regulations included in LQD Chapter 11 and WQD Chapter 8 Rules and Regulations, and the Wyoming Environmental Quality Act. As detailed in the Mine unit B Ground Water Restoration Report submitted August 5, 2004, PRI used Best Practicable Technology (BPT) for ground water restoration by employing a combination of Ground Water Sweep, Reverse Osmosis (RO) treatment, and the addition of chemical and biological reductants.

PRI believes that the report submitted herein is the last information necessary for the final approval of restoration at Mine Unit B. Appendix B of the report addresses Mr. Steve Ingle's comments dated December 9, 2004

In summary, PRI believes that ground water restoration has been accomplished in accordance with the applicable statutes and regulations as follows:

Wyoming Environmental Quality Act

Groundwater restoration is defined in the Environmental Quality Act under Wyoming Statutes §35-11-103(f)(iii) as "the condition achieved when the quality of all groundwater affected by the injection of recovery fluids is returned to a quality of use equal to or better than, and consistent



with the uses for which the water was suitable prior to the operation by employing Best Practicable Technology". In other words, the standard as set by the EQA is to return the affected groundwater to its pre-mining Class of Use. Whereas the goal of baseline conditions has not been met for all parameters, PRI has met the standard of restoration as set by the EQA.

Land Quality Division Chapter 11 Rules and Regulations

Chapter 11 Section 3(d)(i) details the requirements for achieving ground water restoration. This section sets the goal for restoration as "showing that through the employment of the best practicable technology, as defined in W.S. 35-11-103(f)(i):

(A) The condition and quality of all affected groundwater will be returned to background or better, or:

(B) The requirements of Section 3(d)(i)(A) cannot be achieved. In this event the condition and quality of all affected groundwater will at a minimum be returned to a quality of use equal to and consistent with uses for which the water was suitable prior to the commencement of the operation."

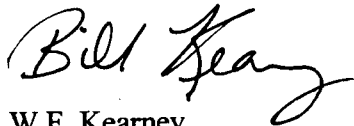
PRI has demonstrated that, consistent with the previous approved restoration activities at Mine Unit A, the Mine Unit B restored groundwater has been returned to its pre-mining Class of Use (Class IV (A)) through the use of Best Practicable Technology (BPT) by employing Ground Water Sweep, ground water treatment and re-injection and through the development and use of the new Bioremediation Technology.

Water Quality Division Chapter 8, Section 4(d) Rules and Regulations

The average TDS concentration for the restored ground water has been returned to below Class I standards, which is well below the 10,000-mg/L level used in determining the Class IV (A) classification for Mine Unit B. Additionally, the average radium-226 concentration is well below the maximum baseline concentration of 1035 pCi/L in Mine Unit B. This comparison of the restored ground water quality to the criteria used to determine the pre-mining Class of Use in Mine Unit B indicates that the restored ground water quality is consistent with the pre-discharge Class IV (A) classification. Also, since the affected ground water has been returned to its original Class of Use, down gradient ground water is adequately protected.

As we recently discussed, PRI desires to meet with LQD Administrator Mr. Rick Chancellor, Steve Ingle, and any other WDEQ staff on the contents of the report after they have had an opportunity to look at it. If you have any questions or need any additional information, please don't hesitate to call me, or Leland Huffman, Restoration Superintendent at (307) 358-6541.

Sincerely,



W.F. Kearney
Manager-Health, Safety
& Environmental Affairs

attachment

cc: R. Chancellor, LQD Administrator w/o atta.
S. P. Collings C. Foldenauer
File HUP-4.3.3.1 L. Huffman



Smith Ranch - Highland
Uranium Project
P. O. Box 1210
Glenrock, Wyoming USA 82637
Casper: 307-235-1628
Douglas: 307-358-6541
Fax: 307-358-4533

June 1, 2005

Mr. Lowell Spackman, District I Supervisor
Land Quality Division
Wyoming Department of Environmental Quality
Herschler Building
122 West 25th Street
Cheyenne, WY 82002

RE: Permit No.603 – Highland Uranium Project
Mine Unit B MP-Well Ground Water Sample Data

Dear Mr. Spackman:

On May 18, 2005, Power Resources, Inc. (PRI) staff members met with Land Quality Division's (LQD) Mr. Richard Chancellor, Administrator and with Mr. Steve Ingle, Senior Environmental Analyst to discuss Mr. Ingles' two remaining concerns about the post restoration ground water quality for Mine Unit B (MU-B) at the Highland Uranium Project (HUP). The discussion centered on elevated arsenic concentrations, which remain at three mineralized production zone monitor wells (MP-Wells) and what the appropriate uranium concentration that the perimeter production zone monitor well (M-Well) M-4 should be restored to.

Following this discussion, Mr. Ingle requested that PRI provide additional ground water quality data for the three MP-Wells in question. Therefore, please find enclosed with this correspondence, the analyses of additional ground water samples collected from Wells MP-14, MP-21, and MP-22 on May 22, 2005. Mr. Ingle will use this data set to perform additional statistical analyses, the results of which will be discussed in a conference call between the parties involved in the original meeting, the week of June 13, 2005.

Sincerely,

Kenneth Milmine
Manager-Health, Safety
& Environmental Affairs

KLM/lah

cc: S.P. Collings C. Foldenauer L. Huffman
File HUP-4.3.3.1





KCP
6/1/05

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP

Lab Order: C05050836
 Report Date: 05/26/05

Lab ID: C05050836-001
 Client Sample ID: BMP14
 Matrix: AQUEOUS

Collection Date: 05/22/05 12:50
 Date Received: 05/23/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Iron	1.54	mg/L		0.03		E200.7	05/25/05 17:41 / cp

Lab ID: C05050836-002
 Client Sample ID: BMP21
 Matrix: AQUEOUS

Collection Date: 05/22/05 12:50
 Date Received: 05/23/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Iron	4.69	mg/L		0.03		E200.7	05/25/05 17:44 / cp

Lab ID: C05050836-003
 Client Sample ID: BMP22
 Matrix: AQUEOUS

Collection Date: 05/22/05 12:50
 Date Received: 05/23/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Iron	7.28	mg/L		0.03		E200.7	05/25/05 17:47 / cp

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

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP

Lab Order: C05050836
 Report Date: 05/26/05

Lab ID: C05050836-001	Collection Date: 05/22/05 12:50						
Client Sample ID: BMP14	Date Received: 05/23/05						
Matrix: AQUEOUS	MCL/						
Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
METALS - DISSOLVED							
Arsenic	0.127	mg/L		0.001		E200.8	05/25/05 20:45 / bws

Lab ID: C05050836-002	Collection Date: 05/22/05 12:50						
Client Sample ID: BMP21	Date Received: 05/23/05						
Matrix: AQUEOUS	MCL/						
Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
METALS - DISSOLVED							
Arsenic	0.388	mg/L		0.001		E200.8	05/25/05 21:06 / bws

Lab ID: C05050836-003	Collection Date: 05/22/05 12:50						
Client Sample ID: BMP22	Date Received: 05/23/05						
Matrix: AQUEOUS	MCL/						
Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
METALS - DISSOLVED							
Arsenic	0.286	mg/L		0.001		E200.8	05/25/05 21:11 / bws

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

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

HUP 4.3.3.1



**Smith Ranch - Highland
Uranium Project**
P. O. Box 1210
Glenrock, Wyoming USA 82637
Casper: 307-235-1628
Douglas: 307-358-6541
Fax: 307-358-4533

August 24, 2005

Mr. Lowell Spackman, District I Supervisor
Land Quality Division
Wyoming Department of Environmental Quality
Herschler Building
122 West 25th Street
Cheyenne, WY 82002

RE: Permit to Mine 603
Highland Uranium Project
Mine Unit B Ground Water Sample Data Results from Wells MP-14, 21, 22

Dear Mr. Spackman:

Mine Unit B (MU-B) has been in the Stability Period, which is the final stage of ground water restoration, since June 28, 2004. The reason for the extended Stability Period beyond the six-month time frame as required in the Reclamation Plan, is that the Land Quality Division (LQD) staff had one final concern with the ground water quality at three mineralized production zone monitor wells (MP-Wells). The arsenic concentration at Wells MP-14, MP-21 and MP-22 significantly exceeded the Class IV (A) Standard of 0.05 mg/L at the end of active restoration. With this correspondence, Power Resources, Inc. (PRI) has enclosed ground water sample data that it believes addresses the LQD staffs concern about the ground water quality at these wells and also, based on the information presented herein, PRI requests that the ground water restoration of MU-B be approved.

The ground water arsenic concentrations at Wells MP-14, MP-21 and MP-22 have been tracked since the end of the six-month stabilization period. Accordingly, please find enclosed the ground water sample data collected from these wells and associated graphs since January 2005. Also enclosed is a graph of the average MU-B arsenic ground water concentration since the beginning of the Stability Period on June 28, 2004.

A review of the data indicates that the arsenic concentration trends at these wells are strongly decreasing. These decreasing trends were not unexpected as they fit the conceptual model of the post restoration geochemistry as proposed by PRI in the "Mine Unit B Ground Water Stability Report" submitted to the LQD on May 5, 2005, "Appendix B: Response to LQD Staff Comments" pages B-3 through B-6. A copy of this discussion is enclosed and it begins with the discussion of iron concentrations on page B-3. As discussed, the decreasing arsenic concentrations at these wells are most likely due to the reducing conditions established within the MU-B Production Zone during active restoration and these trends are expected to continue as insoluble arsenic minerals are formed. Also, it should be noted, that during a meeting between



Mr. Richard Chancellor, Mr. Steve Ingle and PRI personnel on May 18, 2005, Mr. Chancellor indicated that if significant decreasing arsenic trends were observed at these wells, then the LQD would approve the ground water restoration in MU-B.

Also, please note that with the most recent sample results (August 16, 2005), the average arsenic ground water concentration for MU-B is less than the Class of Use Standard of 0.05 mg/L. As stated in Section 4.1 of the Reclamation Plan, ground water restoration success is based on the average ground water concentration of the MP-Wells. Since the average mine unit arsenic concentration is below the Class IV (A) Standard and since the arsenic concentrations at MP-Wells 14, 21 and 22 are exhibiting strongly decreasing trends, PRI believes that the LQDs concern about the arsenic concentration in MU-B has been addressed.

Additionally, since the arsenic concentration was the last outstanding issue for approving the MU-B ground water restoration, PRI requests concurrence from the Wyoming Department of Environmental Quality that the restoration standard of returning the affected ground water to its pre-mining Class of Use has been achieved.

Please contact Ken Milmine or me at (307) 358-6541 if you should have any further comments or questions.

Sincerely,



Leland Huffman
Restoration Superintendent

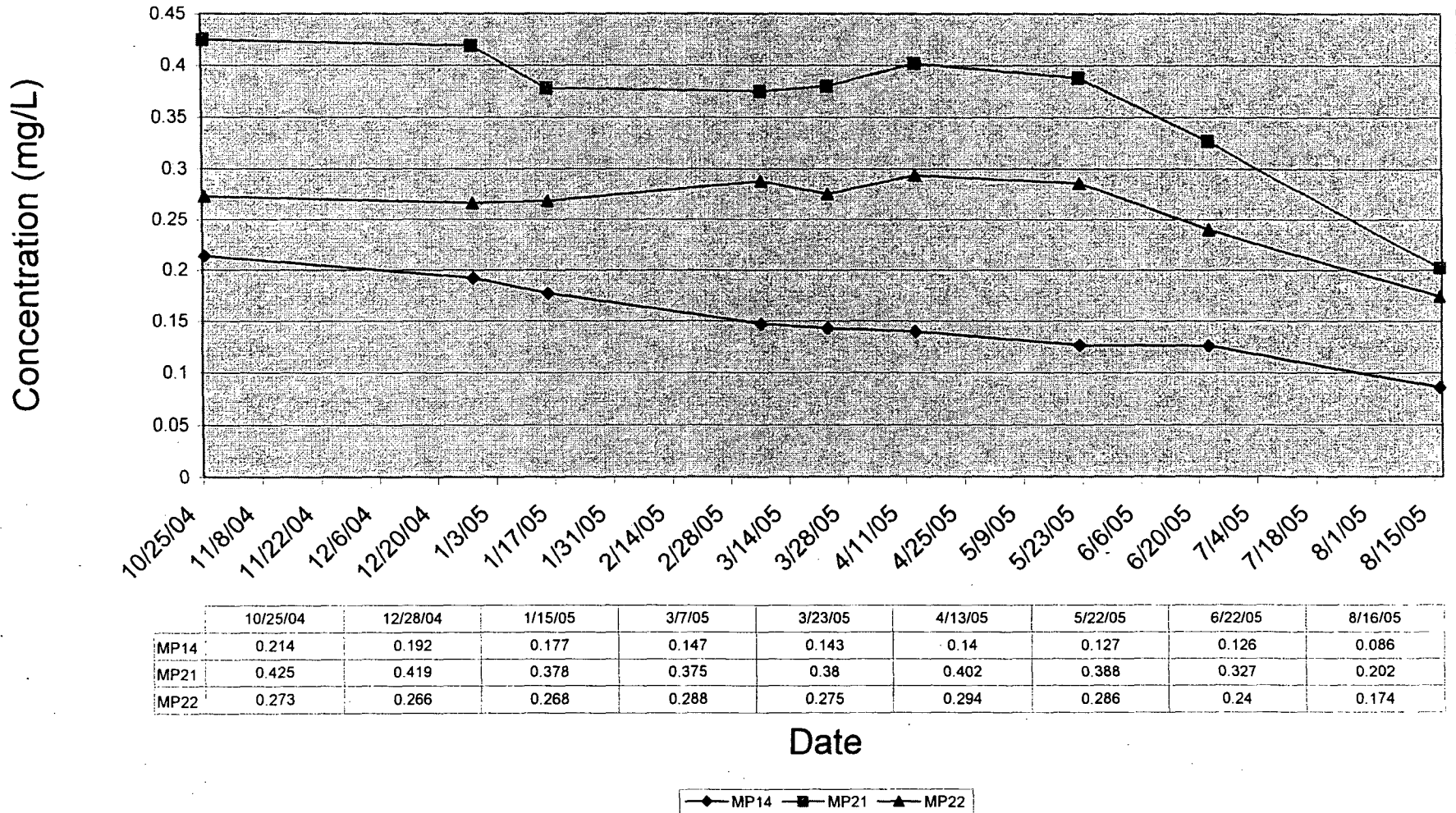
LAH/lah

cc: S.P. Collings C. Foldenauer K. Milmine
File HUP-4.3.3.1

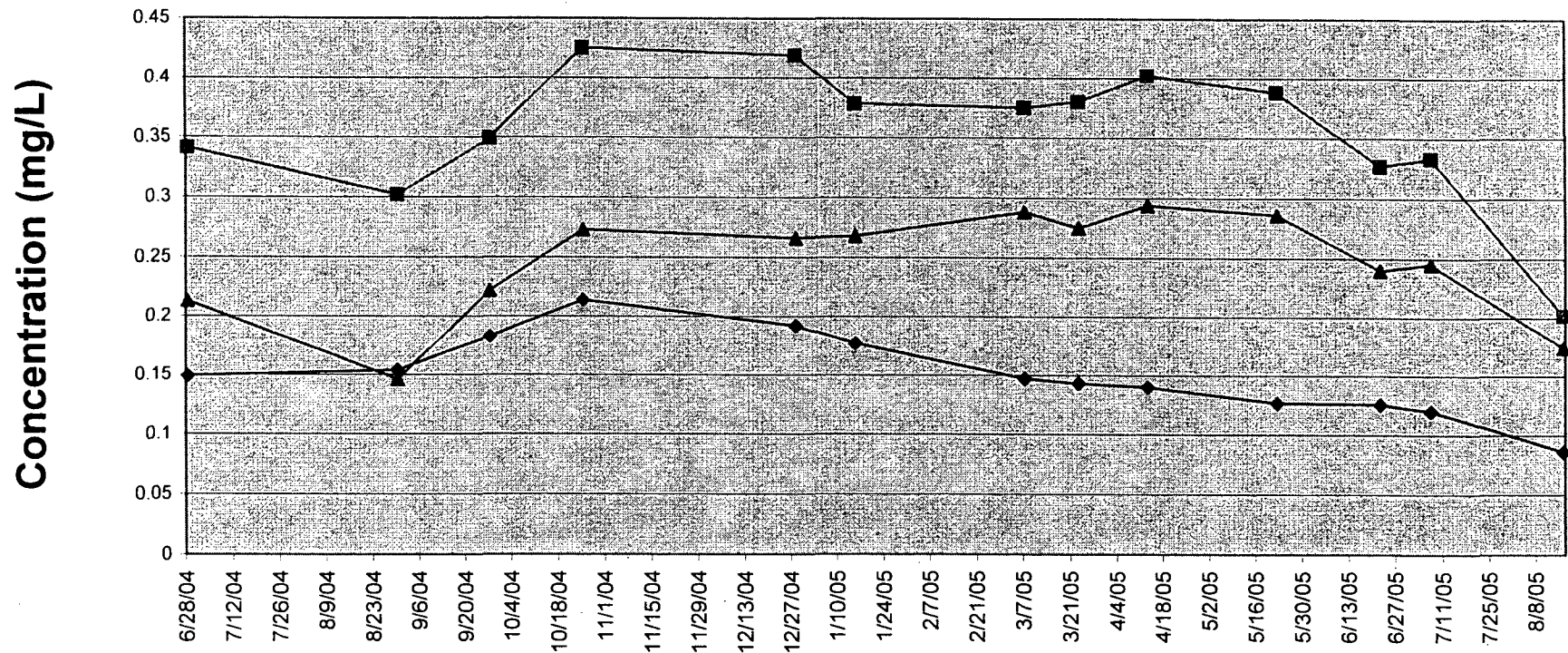
Arsenic Concentrations (mg/L)
Stability and Post-Stability Periods

Well ID	6/28/04	8/30/04	9/27/04	10/25/04	12/28/04	1/15/05	3/7/05	3/23/05	4/13/05	5/22/05	6/22/05	7/7/05	8/16/05
BMP-11	0.029	0.02	0.017	0.019	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016
BMP-12	0.059	0.052	0.054	0.07	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055
BMP-13	0.02	0.024	0.022	0.028	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
BMP-14	0.149	0.154	0.183	0.214	0.192	0.177	0.147	0.143	0.14	0.127	0.126	0.12	0.086
BMP-15	0.041	0.042	0.035	0.04	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
BMP-16	0.037	0.043	0.056	0.07	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064
BMP-18	0.007	0.005	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
BMP-19	0.023	0.016	0.019	0.024	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021
BMP-20	0.038	0.032	0.037	0.046	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042
BMP-21	0.341	0.302	0.349	0.425	0.419	0.378	0.375	0.38	0.402	0.388	0.327	0.333	0.202
BMP-22	0.213	0.146	0.222	0.273	0.266	0.268	0.288	0.275	0.294	0.286	0.24	0.245	0.174
BMP-23	0.054	0.045	0.061	0.073	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076
BMP-24	0.037	0.033	0.027	0.032	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026
BMP-25	0.019	0.02	0.022	0.025	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
BMP-26	0.01	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
BMP-27	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
BMP-28	0.02	0.015	0.016	0.016	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017
BMP-29	0.025	0.026	0.023	0.022	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
BMP-30	0.016	0.013	0.011	0.01	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
BMP-31	0.011	0.007	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Average	0.058	0.050	0.059	0.071	0.067	0.064	0.063	0.063	0.065	0.063	0.057	0.058	0.048

Arsenic Trends Since Max Av Value 10/25/2004



Arsenic Stability and Post-Stability Data

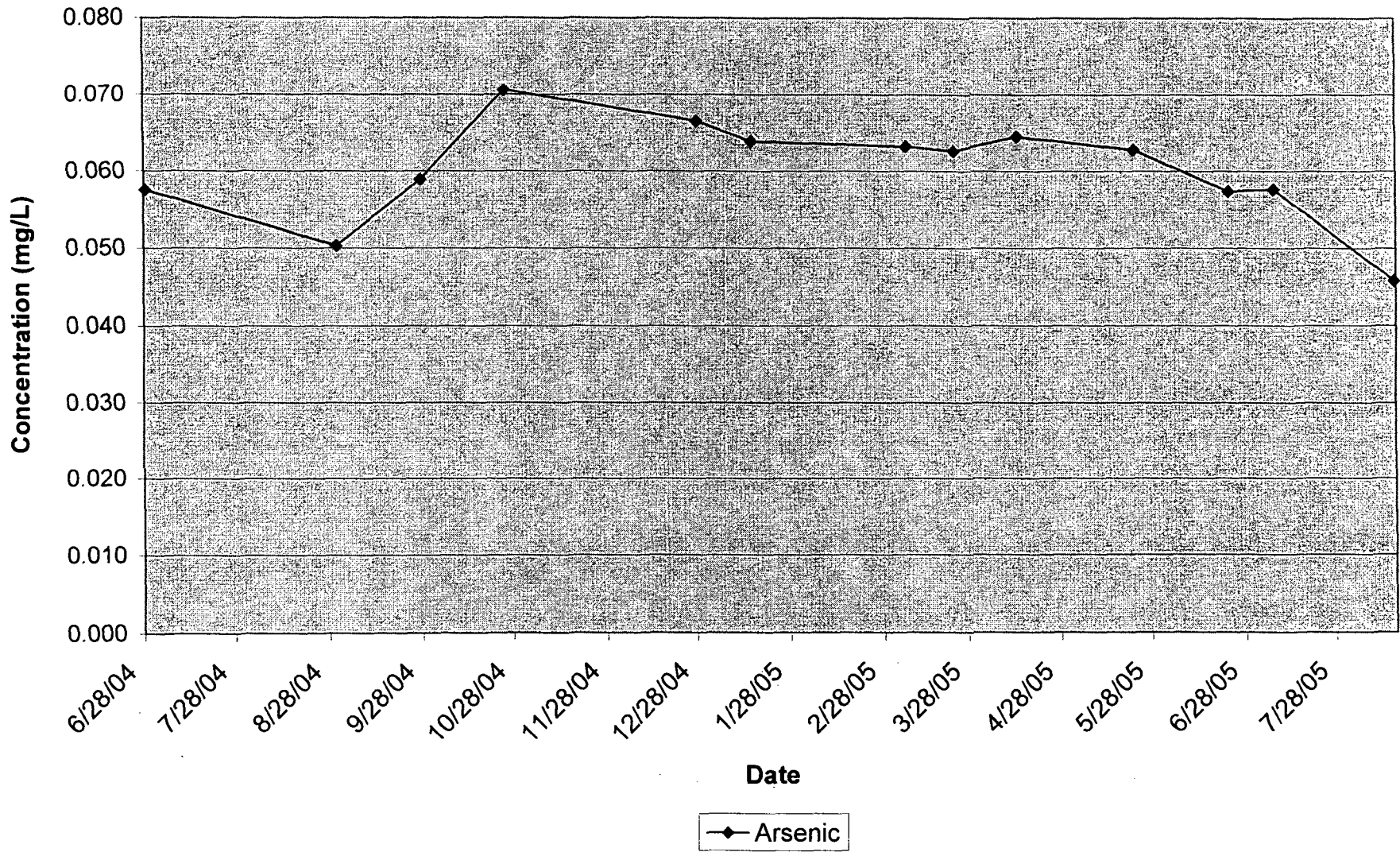


	6/28/04	8/30/04	9/27/04	10/25/04	12/28/04	1/15/05	3/7/05	3/23/05	4/13/05	5/22/05	6/22/05	7/7/05	8/16/05
◆ MP14	0.149	0.154	0.183	0.214	0.192	0.177	0.147	0.143	0.14	0.127	0.126	0.12	0.086
■ MP21	0.341	0.302	0.349	0.425	0.419	0.378	0.375	0.38	0.402	0.388	0.327	0.333	0.202
▲ MP22	0.213	0.146	0.222	0.273	0.266	0.268	0.288	0.275	0.294	0.286	0.24	0.245	0.174

Date

◆ MP14 ■ MP21 ▲ MP22

MU-B Average Arsenic Concentration





ONE - BIV

cc BH 2/16/05

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP

B-Wellfield Restructure

Lab Order: C05020643
 Report Date: 02/16/05

Lab ID: C05020643-001

Collection Date: 01/15/05 12:30

Client Sample ID: BMP-14

Date Received: 02/15/05

Matrix: AQUEOUS

MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
METALS - DISSOLVED							
Arsenic	0.177	mg/L	D	0.0054		A3114 B	02/16/05 11:40 / sml

Lab ID: C05020643-002

Collection Date: 01/15/05 12:30

Client Sample ID: BMP-21

Date Received: 02/15/05

Matrix: AQUEOUS

MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
METALS - DISSOLVED							
Arsenic	0.378	mg/L	D	0.011		A3114 B	02/16/05 11:42 / sml

Lab ID: C05020643-003

Collection Date: 01/15/05 12:30

Client Sample ID: BMP-22

Date Received: 02/15/05

Matrix: AQUEOUS

MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
METALS - DISSOLVED							
Arsenic	0.268	mg/L	D	0.0054		A3114 B	02/16/05 11:50 / sml

Report Definitions:
 RL - Analyte reporting limit.
 QCL - Quality control limit.
 D - RL increased due to sample matrix interference.

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C05030281-003
Client Sample ID: MP-14

Revised Date: 08/23/05
Report Date: 03/14/05
Collection Date: 03/07/05 14:30
Date Received: 03/07/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Arsenic	0.147	mg/L	D	0.0011		A3114 B	03/14/05 16:02 / sml

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C05030281-005
Client Sample ID: MP-21

Revised Date: 08/23/05
Report Date: 03/14/05
Collection Date: 03/07/05 14:10
Date Received: 03/07/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Arsenic	0.375	mg/L	D	0.0054		A3114 B	03/14/05 16:06 / sml

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C05030281-007
Client Sample ID: MP22/P105

Revised Date: 08/23/05
Report Date: 03/14/05
Collection Date: 03/07/05 14:20
Date Received: 03/07/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Arsenic	0.288	mg/L	D	0.0054		A3114 B	03/14/05 16:09 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C05030936-001
Client Sample ID: MP 14

Report Date: 03/30/05
Collection Date: 03/23/05 01:25
Date Received: 03/23/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Arsenic	0.143	mg/L	D	0.0011		A3114 B	03/24/05 16:25 / sml

Report
Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C05030936-002
Client Sample ID: MP 21

Report Date: 03/30/05
Collection Date: 03/23/05 12:50
Date Received: 03/23/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Arsenic	0.380	mg/L	D	0.0054		A3114 B	03/25/05 15:53 / sml

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP
Lab ID: C05030936-003
Client Sample ID: MP 22

Report Date: 03/30/05
Collection Date: 03/23/05 01:05
Date Received: 03/23/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Arsenic	0.275	mg/L	D	0.0054		A3114 B	03/25/05 15:54 / sml

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Not Indicated

Lab Order: C05040547
Report Date: 04/20/05

Lab ID: C05040547-001
Client Sample ID: BMP 14
Matrix: AQUEOUS

Collection Date: 04/13/05 05:15
DateReceived: 04/13/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Sulfate	93	mg/L	D	6		A4500-SO4 E	04/15/05 14:09 / jal
METALS - DISSOLVED							
Arsenic	0.140	mg/L		0.001		E200.8	04/16/05 03:29 / bws
Iron	1.42	mg/L		0.03		E200.7	04/18/05 18:25 / cp
METALS - TOTAL							
Uranium	3.72	mg/L		0.0003		E200.8	04/19/05 06:15 / bws

Lab ID: C05040547-002
Client Sample ID: BMP 21
Matrix: AQUEOUS

Collection Date: 04/13/05 05:05
DateReceived: 04/13/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Sulfate	66	mg/L	D	6		A4500-SO4 E	04/15/05 14:11 / jal
METALS - DISSOLVED							
Arsenic	0.402	mg/L		0.001		E200.8	04/16/05 03:37 / bws
Iron	4.36	mg/L		0.03		E200.7	04/18/05 18:28 / cp
METALS - TOTAL							
Uranium	0.912	mg/L		0.0003		E200.8	04/19/05 06:19 / bws

Report Definitions:
 RL - Analyte reporting limit.
 QCL - Quality control limit.
 D - RL increased due to sample matrix interference.

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: Not Indicated

Lab Order: C05040547
Report Date: 04/20/05

Lab ID: C05040547-003
Client Sample ID: BMP 22
Matrix: AQUEOUS

Collection Date: 04/13/05 05:00
Date Received: 04/13/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Sulfate	41	mg/L	D	1		A4500-SO4 E	04/15/05 14:15 / jal
METALS - DISSOLVED							
Arsenic	0.294	mg/L		0.001		E200.8	04/16/05 03:45 / bws
Iron	7.04	mg/L		0.03		E200.7	04/18/05 18:31 / cp
METALS - TOTAL							
Uranium	1.74	mg/L		0.0003		E200.8	04/19/05 06:23 / bws

Report Definitions:
 RL - Analyte reporting limit.
 QCL - Quality control limit.
 D - RL increased due to sample matrix interference.

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

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP

Lab Order: C05050836
Report Date: 05/26/05

Lab ID: C05050836-001
Client Sample ID: BMP14
Matrix: AQUEOUS

Collection Date: 05/22/05 12:50
Date Received: 05/23/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Arsenic	0.127	mg/L		0.001		E200.8	05/25/05 20:45 / bws

Lab ID: C05050836-002
Client Sample ID: BMP21
Matrix: AQUEOUS

Collection Date: 05/22/05 12:50
Date Received: 05/23/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Arsenic	0.388	mg/L		0.001		E200.8	05/25/05 21:06 / bws

Lab ID: C05050836-003
Client Sample ID: BMP22
Matrix: AQUEOUS

Collection Date: 05/22/05 12:50
Date Received: 05/23/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Arsenic	0.286	mg/L		0.001		E200.8	05/25/05 21:11 / bws

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

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



KLM
 7/5/05
 CC: LH

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
 Project: SR-HUP

Revised Date: 06/30/05
 Lab Order: C05060964
 Report Date: 06/28/05

Lab ID: C05060964-001
 Client Sample ID: BMP 14
 Matrix: AQUEOUS

Collection Date: 06/22/05 12:50
 Date Received: 06/23/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
arsenic	0.126	mg/L	D	0.0011		A3114 B	06/29/05 14:59 / sml

Lab ID: C05060964-002
 Client Sample ID: BMP 21
 Matrix: AQUEOUS

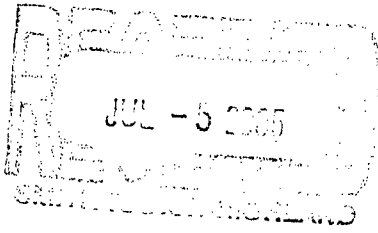
Collection Date: 06/22/05 13:00
 Date Received: 06/23/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
arsenic	0.327	mg/L	D	0.011		A3114 B	06/29/05 15:01 / sml

Lab ID: C05060964-003
 Client Sample ID: BMP 22
 Matrix: AQUEOUS

Collection Date: 06/22/05 13:10
 Date Received: 06/23/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
arsenic	0.240	mg/L	D	0.011		A3114 B	06/29/05 15:03 / sml



RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



KCM
 7/19/05
 BS
 CC: GH

LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP

Lab Order: C05070247
Report Date: 07/13/05

Lab ID: C05070247-001
Client Sample ID: BMP 14
Matrix: AQUEOUS

Collection Date: 07/07/05
Date Received: 07/07/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Arsenic	0.120	mg/L	D	0.001		A3114 B	07/08/05 09:02 / sml
Iron	1.34	mg/L		0.03		E200.7	07/08/05 18:36 / cp

Lab ID: C05070247-002
Client Sample ID: BMP 21
Matrix: AQUEOUS

Collection Date: 07/07/05
Date Received: 07/07/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Arsenic	0.333	mg/L		0.001		A3114 B	07/08/05 08:54 / sml
Iron	4.67	mg/L		0.03		E200.7	07/08/05 18:39 / cp

Lab ID: C05070247-003
Client Sample ID: BMP 22
Matrix: AQUEOUS

Collection Date: 07/07/05
Date Received: 07/07/05

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS - DISSOLVED							
Arsenic	0.245	mg/L		0.001		A3114 B	07/08/05 08:56 / sml
Iron	7.01	mg/L		0.03		E200.7	07/08/05 18:42 / cp

Report Definitions:
 RL - Analyte reporting limit.
 QCL - Quality control limit.
 D - RL increased due to sample matrix interference.

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



LABORATORY ANALYTICAL REPORT

Client: Power Resources Inc
Project: SR-HUP

Lab Order: C05080817
Report Date: 08/19/05

Lab ID: C05080817-001

Collection Date: 08/16/05

Client Sample ID: BMP14

Date Received: 08/16/05

Matrix: AQUEOUS

MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
METALS - DISSOLVED							
Arsenic	0.086	mg/L		0.001		A3114 B	08/19/05 09:17 / sl

Lab ID: C05080817-002

Collection Date: 08/16/05

Client Sample ID: BMP21

Date Received: 08/16/05

Matrix: AQUEOUS

MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
METALS - DISSOLVED							
Arsenic	0.202	mg/L	D	0.004		A3114 B	08/19/05 09:37 / sl

Lab ID: C05080817-003

Collection Date: 08/16/05

Client Sample ID: BMP22

Date Received: 08/16/05

Matrix: AQUEOUS

MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
METALS - DISSOLVED							
Arsenic	0.174	mg/L	D	0.004		A3114 B	08/19/05 09:39 / sl

Port
Conditions:

RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

(386 mg/L) remained well below the Class I Domestic Use Suitability Standard of 500 mg/L. Finally, the mine unit average TDS concentration at the end of the Stability Period is less than the maximum baseline TDS concentration of 482 mg/L. Based on these facts, the down gradient ground water will not be degraded by the current average TDS concentration in the Production Zone.

Conductivity

The Mine Unit B Production Zone average conductivity values remained constant during the Stability Period, with a beginning average value of 665 umhos/cm and an ending average value of 672 umhos/cm. These conductivity values are comparable to the average baseline conductivity values for all of the mine units at HUP of 728 umhos/cm (Mine Unit B Restoration Report, August 4, 2004). PRI considers the average conductivity values in the Mine Unit B Production Zone to be restored to the regional average baseline conductivity values.

Additionally, these average mine unit conductivity values fall within the baseline minimum and maximum values of 439 umhos/cm and 968 umhos/cm. Therefore, since the average conductivity value of 672 umhos/cm at the end of the Stability Period is less than the maximum baseline value of 968 umhos, the down gradient ground water will not be degraded by the current average conductivity value.

Iron

The Mine Unit B Production Zone average iron concentration increased during the Stability Period from the June 28, 2004 sampling event to the September 27, 2004 sampling event. However, the average iron concentration remained constant from the September 27, 2004 sampling event to the December 28, 2004 sampling event.

PRI believes that the elevated iron concentrations are due to reduced conditions established within the Production Zone formation during the reductant phase of restoration. During the in situ mining process, when the Production Zone formation is oxidized, the iron contained in pyrites is oxidized to ferric iron and forms ferric hydroxides. The ferric hydroxides are very insoluble under oxidizing and slightly acidic conditions. This explains the low iron concentrations in solution during mining. During the reduction process however, this stable solid iron phase is reduced from ferric iron to ferrous iron, which is more soluble. During the transition from ferric to ferrous iron, the iron concentration in the groundwater increases significantly. This increase in the iron concentration is transitory and, under reducing conditions and over the pH range of 5 – 9 standard units, iron sulfide minerals will become the dominant iron phase. Because of the relative insolubility of these iron sulfide minerals, this will cause a significant decrease in the iron concentration in

solution¹. Therefore, based on this process, ground waters down gradient of the Production Zone formation will not be adversely affected by the current concentrations of iron.

Manganese

The Mine Unit B Production Zone average manganese concentration reacted similarly to average iron concentrations. The average manganese concentration increased during the Stability Period from the June 28, 2004 sampling event to the September 27, 2004 sampling event. However, the average manganese concentration remained constant from the September 27, 2004 sampling event to the December 28, 2004 sampling event.

Manganese reacts similarly to iron. Under oxidizing conditions, manganese is in a higher valence state and forms insoluble hydroxides. Then as conditions in the formation change to a reducing environment, manganese is initially reduced to a more mobile valence state. Manganese will form insoluble oxides that will precipitate from solution, which will decrease the manganese concentration within the Production Zone ground water. Ground waters down gradient of the Production Zone formation will not be adversely affected by the current concentration of manganese.

Uranium

The Mine Unit B Production Zone average uranium concentration increased from 1.79 mg/L to 2.93 mg/L during the Stability Period. However, following the Stability Period, the uranium concentration began to decrease in some wells. PRI believes that the average uranium concentration will continue to decrease due to geochemical processes that are occurring within the Production Zone formation.

The redox condition of the Mine Unit B Production Zone is reducing as evidenced by the dissolution of the iron and manganese hydroxides. Under reducing conditions, uranium will form relatively insoluble metal oxides such as uraninite. As these metal oxides form, the uranium concentration in the Production Zone ground water will decrease. Additionally, since the Production Zone is under reducing conditions, uranium will no longer be leached from the formation, therefore the uranium concentration in solution will be limited by the formation of the metal oxides.²

¹ James I. Drever, The Geochemistry of Natural Waters, Surface and Groundwater Environments, 3rd ed. (Upper Saddle River, New Jersey: Prentice Hall, Inc., 1997), p. 183.

² James I. Drever, The Geochemistry of Natural Waters, Surface and Groundwater Environments, 3rd ed. (Upper Saddle River, New Jersey: Prentice Hall, Inc., 1997), p. 184.

The uranium concentration at the end of the Stability Period was less than the WQD's Class I Domestic Use Suitability Standard of 5 mg/L. Due to this fact and that reducing conditions now exist within the Production Zone, the uranium concentration will not adversely impact ground waters down gradient of the Production Zone.

Selenium

The mine unit average selenium concentration in the Production Zone remained constant during the Stability Period, ranging from 0.0088 mg/L to 0.012 mg/L (Table 2). This average concentration is consistent with the WQD's Class I Domestic Use Suitability Standard of 0.01 mg/L. Also, this concentration is consistent with the maximum baseline concentration for selenium of 0.008 mg/L. Since the mine unit average selenium concentration meets the Class I standard, the selenium concentration will not adversely impact ground water down gradient of the Production Zone.

Arsenic

The Mine Unit B Production Zone average arsenic concentration increased slightly from 0.058 mg/L to 0.067 mg/L during the Stability Period. However, PRI believes that the average arsenic concentration will begin to decrease due to geochemical processes that will occur within the Production Zone formation.

The arsenic was probably mobilized during mining, however the concentration of arsenic in the mining solutions was controlled by the formation of iron hydroxides. Arsenic is strongly adsorbed to iron hydroxides therefore the arsenic concentration remained low. During the reductant phase of restoration, as the iron in the iron hydroxides was reduced and became more mobile, the arsenic, which was adsorbed to the iron hydroxides, was released into solution.³

Ground water samples from Wells MP-14, MP-21 and MP-22 were analyzed at an off site laboratory (Energy Laboratories, Inc.) and the arsenic in solution was determined to be primarily in the + 3 valence state (Table 4). This indicates that arsenic will form relatively insoluble sulfide minerals, which include orpiment and realgar. As these minerals are formed, the arsenic concentration in solution will decrease. Copies of the original laboratory reports are included in Appendix A.

James I. Drever, The Geochemistry of Natural Waters, Surface and Groundwater Environments, 3rd ed. (Upper Saddle River, New Jersey: Prentice Hall, Inc., 1997), pp. 192-193.

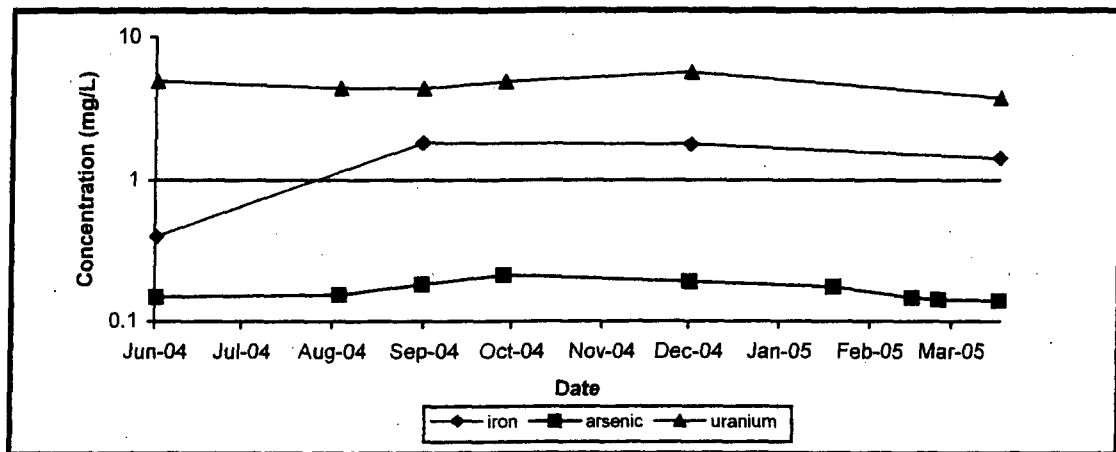
Table 4: Arsenic Speciation Data

Sample Date	Well ID	Arsenic-III (mg/L)	Arsenic-V (mg/L)
03/23/2005	MP-14	0.13	0.0068
03/23/2005	MP-21	0.40	0.010
03/23/2005	MP-22	0.27	0.014

The kinetics of this process is relatively slow, however there is evidence from the Production Zone ground water data collected during the Stability Period that the arsenic concentration is decreasing. The arsenic concentration in Well MP-30 decreased by half during the Stability Period from 0.016 mg/L to 0.008 mg/L. Also, since the dissolution of the iron hydroxides has ceased, arsenic will no longer be coming into solution. An example of this trend is Well MP-14, which is one of the wells of concern. Arsenic, iron and uranium concentrations are decreasing in this well (Figure 6). Copies of the original laboratory reports are included in Appendix A. The entire mine unit is predicted to react similarly since reducing conditions are present throughout.

The mine unit average arsenic concentration remained below the Class II and Class III standards during the Stability Period. PRI believes that any further active restoration to decrease the arsenic concentration is not needed since the conditions already exist within the Production Zone that will cause the arsenic to precipitate from solution.

Figure 6: MP-14 Arsenic, Iron and Uranium Concentrations



2. LOD Comment

Wells M-38 and M-48 should be sampled.



Smith Ranch - Highland
Uranium Project
P. O. Box 1210
Glenrock, Wyoming USA 82637
Casper: 307-235-1628
Douglas: 307-358-6541
Fax: 307-358-4533

February 8, 2007

Mr. Lowell Spackman, District I Supervisor
Land Quality Division
Wyoming Department of Environmental Quality
Herschler Building
122 West 25th Street
Cheyenne, WY 82002

RE: Smith Ranch – Highland Uranium Project
Permit to Mine No. 603
Mine Unit B – Restoration Status

Dear Mr. Spackman,

This letter is to follow up on the status of review and approval for the Mine Unit B Restoration. The final Mine Unit B Ground Water Stability Report was submitted to the Land Quality Division of Wyoming Department of Environmental Quality on May 5, 2005. Power Resources Inc. (PRI) is currently waiting for final approval of these restoration activities so that we may proceed with final surface and facility reclamation planning and implementation.

In October 2006, WYDEQ requested one additional round of uranium samples from the monitor production (MP) wells in MU B. PRI was also requested to sample three (3) wells with elevated arsenic levels submitted in the stability report. The requested samples have been collected and results are attached with this letter. The 3 wells with elevated arsenic levels decreased from samples taken in December 2004 with the most recent taken in January 2007. Uranium samples were also collected for all of the BMP wells, a total 20 wells. All results demonstrated stability or had a slight change which is within the allowable standard deviation from lab results. Five (5) wells showed a slight increase in uranium levels but **did not** increase by more than approximately 1 mg/L. The remaining 15 wells were stable or had decreases in uranium levels. Please see the attached results for detailed information.

Given these results, PRI believes that the ground water restoration of Mine Unit B continues to meet all criteria as set forth in the Environmental Quality Act (EQA), Water Quality Division's (WQD) Rules and Regulations Chapter 8 and LQD's Rules and Regulations Chapter 11. PRI would appreciate consideration for approval of MU B restoration so we can proceed with our final reclamation plans.



If you or your staff has any questions, please contact me at (307) 358-6541 ext. 46.

Sincerely,

A handwritten signature in cursive script, appearing to read "John McCarthy".

John McCarthy
Manager, Safety, Health and Environmental Affairs

Cc: C. Foldenauer S. Collings
File SR 4.3.3.1

Mine Unit B

Uranium and Arsenic Data

Stability Data collected from June 2004 to Dec 2004

Follow up data collected January 2007- as requested by WYDEQ

WELL		DATE COLLECTED	RESULTS	UNITS
BMP-11	Uranium	6/28/2004	3.96	mg/L
		8/30/2004	6.32	mg/L
		9/27/2004	7.75	mg/L
		10/25/2004	6.50	mg/L
		12/28/2004	7.97	mg/L
		1/22/2007	2.60	mg/L
BMP-12	Uranium	6/28/2004	2.46	mg/L
		8/30/2004	4.10	mg/L
		9/27/2004	3.62	mg/L
		10/25/2004	4.04	mg/L
		12/28/2004	5.25	mg/L
		1/22/2007	4.10	mg/L
BMP-13	Uranium	6/28/2004	1.75	mg/L
		8/30/2004	2.11	mg/L
		9/27/2004	1.92	mg/L
		10/25/2004	1.88	mg/L
		12/28/2004	2.36	mg/L
		1/22/2007	2.30	mg/L
BMP-14	Uranium	6/28/2004	4.89	mg/L
		8/30/2004	4.37	mg/L
		9/27/2004	4.34	mg/L
		10/25/2004	4.85	mg/L
		12/28/2004	5.64	mg/L
		1/22/2007	5.90	mg/L
BMP -14	Arsenic	6/28/2004	0.149	mg/L
		8/30/2004	0.154	mg/L
		9/27/2004	0.183	mg/L
		10/25/2004	0.214	mg/L
		12/28/2004	0.192	mg/L
		1/22/2007	0.13	mg/L
BMP-15	Uranium	6/28/2004	1.05	mg/L
		8/30/2004	4.47	mg/L
		9/27/2004	3.91	mg/L
		10/25/2004	3.44	mg/L
		12/28/2004	4.72	mg/L
		1/22/2007	4.00	mg/L

BMP-16 Uranium	6/28/2004	0.282	mg/L
	8/30/2004	0.944	mg/L
	9/27/2004	1.20	mg/L
	10/25/2004	1.01	mg/L
	12/29/2004	1.61	mg/L
	1/22/2007	2.70	mg/L

BMP-18 Uranium	6/28/2004	2.84	mg/L
	8/30/2004	1.97	mg/L
	9/27/2004	2.16	mg/L
	10/25/2004	1.92	mg/L
	12/28/2004	2.90	mg/L
	1/22/2007	1.60	mg/L

BMP-19 Uranium	6/28/2004	0.505	mg/L
	8/30/2004	0.502	mg/L
	9/27/2004	0.536	mg/L
	10/25/2004	0.533	mg/L
	12/28/2004	0.930	mg/L
	1/22/2007	0.31	mg/L

BMP-20 Uranium	6/28/2004	0.753	mg/L
	8/30/2004	0.977	mg/L
	9/27/2004	1.52	mg/L
	10/25/2004	1.60	mg/L
	12/28/2004	2.51	mg/L
	1/22/2007	0.37	mg/L

BMP-21 Uranium	6/28/2004	0.698	mg/L
	8/30/2004	0.639	mg/L
	9/27/2004	0.632	mg/L
	10/25/2004	0.584	mg/L
	12/28/2004	0.830	mg/L
	1/22/2007	0.75	mg/L

BMP-21 Arsenic	6/28/2004	0.341	mg/L
	8/30/2004	0.302	mg/L
	9/27/2004	0.349	mg/L
	10/25/2004	0.425	mg/L
	12/28/2004	0.419	mg/L
	1/22/2007	0.24	mg/L

BMP-22 Uranium	6/28/2004	0.935	mg/L
	8/30/2004	1.22	mg/L
	9/27/2004	1.65	mg/L
	10/25/2004	1.64	mg/L
	12/28/2004	2.78	mg/L
	1/22/2007	0.74	mg/L

BMP-22	Arsenic	6/28/2004	0.213	mg/L
		8/30/2004	0.146	mg/L
		9/27/2004	0.222	mg/L
		10/25/2004	0.273	mg/L
		12/28/2004	0.266	mg/L
		1/22/2007	0.22	mg/L

BMP-23	Uranium	6/28/2004	2.56	mg/L
		8/30/2004	1.96	mg/L
		9/27/2004	2.02	mg/L
		10/25/2004	1.90	mg/L
		12/28/2004	2.37	mg/L
		1/22/2007	1.37	mg/L

BMP-24	Uranium	6/28/2004	0.288	mg/L
		8/30/2004	0.315	mg/L
		9/27/2004	0.339	mg/L
		10/25/2004	0.312	mg/L
		12/28/2004	0.522	mg/L
		1/22/2007	0.61	mg/L

BMP-25	Uranium	6/28/2004	0.614	mg/L
		8/30/2004	0.587	mg/L
		9/27/2004	0.656	mg/L
		10/25/2004	0.752	mg/L
		12/28/2004	0.894	mg/L
		1/22/2007	0.24	mg/L

BMP-26	Uranium	6/28/2004	1.04	mg/L
		8/30/2004	0.914	mg/L
		9/27/2004	1.09	mg/L
		10/25/2004	0.920	mg/L
		12/28/2004	1.32	mg/L
		1/22/2007	0.18	mg/L

BMP-27	Uranium	6/28/2004	2.36	mg/L
		8/30/2004	2.27	mg/L
		9/27/2004	2.02	mg/L
		10/25/2004	1.87	mg/L
		12/28/2004	2.28	mg/L
		1/22/2007	3.38	mg/L

BMP-28	Uranium	6/28/2004	3.34	mg/L
		8/30/2004	2.29	mg/L
		9/27/2004	2.00	mg/L
		10/25/2004	2.01	mg/L
		12/28/2004	2.71	mg/L
		1/22/2007	1.50	mg/L

BMP-29 Uranium	6/28/2004	2.40	mg/L
	8/30/2004	4.34	mg/L
	9/27/2004	3.29	mg/L
	10/25/2004	3.12	mg/L
	12/28/2004	3.41	mg/L
	1/26/2007	2.68	mg/L

BMP-30 Uranium	6/28/2004	1.32	mg/L
	8/30/2004	4.36	mg/L
	9/27/2004	3.06	mg/L
	10/25/2004	3.13	mg/L
	12/28/2004	5.02	mg/L
	1/26/2007	5.68	mg/L

BMP-31 Uranium	6/28/2004	1.66	mg/L
	8/30/2004	2.19	mg/L
	9/27/2004	2.07	mg/L
	10/25/2004	1.89	mg/L
	12/28/2004	2.53	mg/L
	11/29/2006	2.50	mg/L



Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Dave Freudenthal, Governor

John Corra, Director

RECEIVED

March 31, 2008

APR - 2 2008

Mr. John McCarthy
Manager-Health, Safety and Environmental Affairs
Smith Ranch-Highland Uranium Project
P.O. Box 1210
Glenrock, WY 82637

SMITH RANCH - HIGHLAND

**RE: TFN 4 3/170, Mine Unit-B Groundwater Restoration Review
Permit 603, Highland Uranium Project, Power Resources, Inc (PRI)**

Dear Mr. McCarthy:

The Land Quality Division (LQD) has completed the review of the request for concurrence of groundwater restoration for Mine Unit-B Wellfield at the Highland Ranch Uranium Project. It has been determined that the wellfield has been restored to the premine class of use standards and can be released from reclamation bond.

It is requested that PRI carefully consider all future requests for concurrence of restoration based on the many rounds of review and meetings that it took to reach this final decision. All future requests for concurrence of groundwater restoration should not be submitted until all parameters meet the class of use standards.

The reclamation bond reduction for groundwater restoration of Mine Unit-B Wellfield will be reviewed through the 2008 Annual Report.

Please do not hesitate to contact me at 307-777-7048, if you have any questions.

Sincerely,

Pam Rothwell
Permit Coordinator, District 1 Assistant Supervisor
Land Quality Division

Enclosure: Final Review



TFN 4 3/170, MINE UNIT-B, GROUNDWATER RESTORATION REPORT
PERMIT 603, HIGHLAND URANIUM PROJECT, POWER RESOURCES INC. (PRI)
TECHNICAL REVIEW FOR CONCURRENCE OF RESTORATION

HISTORY

PRI submitted the request for concurrence for final groundwater restoration of Mine Unit-B on August 6, 2004. With the request, PRI asked that LQD recognize that the six-month stability monitoring period began with the sampling event of the June 2004. The LQD did not concur with PRI's conclusions presented in the report and requested additional information through the review and comments sent on January 19, 2005. PRI's response was received on May 6, 2005, stating that they had met the standard of restoration as set by the Environmental Quality Act; i.e., affected groundwater will be returned to its pre-mining Class of Use. Subsequently, LQD and PRI continued to discuss and deliberate significantly elevated arsenic values at three mineralized production zone monitor wells (MP-14, MP-21 and MP-22). PRI continued to monitor the trends of arsenic concentrations through the stability period and beyond. They submitted a second request for concurrence of groundwater restoration for the B Wellfield on August 26, 2005 with water sample data supporting a decreasing trend for the arsenic concentrations. LQD delayed review of the report followed by a request on October 2006 for additional sampling of elevated arsenic and uranium levels. PRI submitted those sample results in February 2007.

PRI has continued to request concurrence of restoration in a letter dated January 29, 2008 and during several recent meetings with LQD. The final review of the B-Wellfield Restoration was conducted by Steve Ingle, District I Hydrologist with a recommendation for approval of final restoration. The review is summarized below.

FINAL TECHNICAL REVIEW

Introduction

PRI produced uranium from Mine Unit B from January 1988 to July 1991. The 13-year restoration effort began after mining ceased and consisted of: treating 2.93 pore volumes with groundwater sweep, 13.5 pore volumes were treated with reverse osmosis (RO), 1.09 pore volumes with sodium sulfide addition; 0.88 pore volumes with bioremediation and 0.92 pore volumes were re-circulated. The total consumptive use of groundwater was 5.22 pore volumes. One pore volume consists of 61,535,000 gallons. The Restoration Report states that there are four reasons for the large number of pore volumes treated with reverse osmosis. Three of the reasons are related to reductant addition to the wellfield. Addition of reductant lowered the trace metal content, but increased the total dissolved solids content and reverse osmosis was used to remove the dissolved solids. RO treated water was also used to deliver the nutrients for the bioremediation procedure

Baseline Water Quality

The baseline water quality for the B Wellfield is discussed in my January 11, 1988 memo, which states that all parameters meet domestic water quality criteria, except for radium, therefore the groundwater classification at baseline would be Class IV(A), due to the elevated radium content (approximately 288 pCi/l baseline average). All parameters, except arsenic and radium were below the Class I drinking water standards in the initial restoration report. PRI stated that arsenic is geochemically less reactive and would take longer to precipitate than other parameters. Additional sampling was requested to demonstrate the long term viability of the biologic population and to verify that Arsenic levels would continue to decline. The additional sampling showed arsenic levels continuing to decline to levels below the Class I standard and that the biological population remained viable.

At the time the baseline water quality for Wellfield B was determined the Water Quality Division Class I standard for uranium was 5 mg/l. WQD no longer has a Class I standard for uranium. The EPA maximum contaminant level (mcl) for uranium is 0.03 mg/l. The uranium concentration in Wellfield B exceeded the EPA mcl at baseline with a value of 0.06 mg/l. Therefore the groundwater would have been unsuitable for domestic use, at baseline for both uranium and radium. Table 1 shows a comparison of baseline water quality and the restored groundwater quality.

Restoration Water Quality

Uranium The uranium concentrations increased during the stability period from 1.79 mg/l to 2.93 mg/l. However, during the post-stability period sampling of select wells requested by LQD the uranium concentration showed an overall decline to 2.4 mg/l. The uranium values exceeded the 0.03 mg/l EPA mcl at baseline, but were below the 5 mg/l Water Quality Division Class I standard in use when the baseline was established. The reducing conditions present in the wellfield are anticipated to continue to lower the uranium concentration over time.

Selenium Historically, selenium has been a difficult parameter to restore. The bioremediation phase of restoration reduced the selenium concentration to below Class I standards within a very short time. Selenium values remained constant throughout the stability.

Arsenic At the end of the stability period arsenic remained above the Class I standard of 0.05 mg/l. During the biological reductant addition phase of restoration the arsenic values and iron values increased as the iron hydroxides were being reduced to iron sulfides and the arsenic desorbed from the iron hydroxides and into solution. Comparing the arsenic and iron values confirms that there is a moderately strong statistical relationship at the 99% confidence interval. Energy Labs analyzed the valence state for arsenic and the results showed that arsenic was in the +3 valence state. PRI stated that this state is geochemically less reactive and would take longer to precipitate as stable sulfides than other parameters. The LQD requested additional sampling to demonstrate that the arsenic values would continue to decline. The additional samples showed declining arsenic values to below the Class I standard of 0.05 mg/l to 0.045 mg/l.

CONCLUSION

In conclusion, Mine Unit B has been restored to its' pre-mining class of use standards and can be released. From the iron and arsenic stability data it appears that additional time should have been allowed for the biological reactions to continue prior to commencement of the stability phase of restoration and the stability phase should have been longer. It is recommended that future wellfields allow the geochemical reactions to proceed to a point where all parameters meet class of use standards, prior to initiating stability monitoring and the stability monitoring period be extended to clearly define any trends in the stability data.