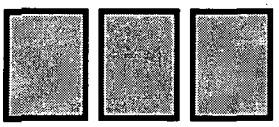

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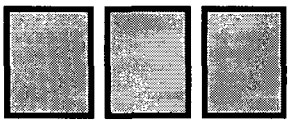

Job Messages

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*** ADDITIONAL MESSAGES LOGGED, BUT NOT REPORTED ***

Rio Tinto Energy America
Kennecott Uranium Company
PO Box 1500, 42 Miles NW of Rawlins
Rawlins, Wyoming 82301-1500
Tel: (307) 324-4924 Fax: (307) 324-4925

26 February 2007

Mr. Keith I. McConnell, Deputy Director
Division of Waste Management and Environmental Protection
Office of Federal and State Materials and Environmental Management Programs
U.S. Nuclear Regulatory Commission
11545 Rockville Pike, Mail Stop T7-E18
Rockville, MD 20852-2738

Dear Mr. McConnell:

SUBJECT: Sweetwater Uranium Project – Docket Number 40-8584 – Source Material License #SUA-1350 License Condition 12.3 – Required Reporting – Semiannual 10 CFR 40.65 Report

Enclosed is one CD-ROM containing the following reports pertaining to Kennecott Uranium Company's Source Material License #SUA-1350:

- Semiannual 10 CFR 40.65 Report (Airborne Effluents) – summarizes the results of air and ambient gamma monitoring for the site;
- Annual ALARA Audit – summarizes the results of the annual ALARA audit for the facility, contains data pertinent to the facility's radiation safety program and includes the Annual Safety and Environmental Review Panel (SERP) Report;
- Annual Corrective Action Program Review – summarizes all monitoring and mitigation efforts in the area of the tailings cell under the groundwater corrective action program and contains the Groundwater Monitoring Report required annually as per License Condition 12.3;
- Annual Land Use Survey – summarizes land use in the vicinity of the Sweetwater Uranium Project.

All of these reports are being submitted together as originally requested by Louis Carson during his inspection of the facility in 1995. It was later discussed with Charlotte Abrams of your staff in a telephone conversation on January 30, 1997 and February 5, 1998. She stated that these reports could all be submitted together within the sixty-day time period following January 1 of each year allowed for the 40.65 report. This single submittal procedure was incorporated into the facility's new performance based operating license in License Condition 12.3. In addition, only the most recent sample results for the tailings impoundment monitor wells are being submitted, as per a request made by Bob Evans during his inspection on July 8, 1997.

Kennecott Uranium Company has examined the data included in the 40.65 report containing the air and ambient gamma monitoring data for the site and has concluded that the dose does not exceed the 100-mrem per year dose limit. A copy of the calculation sheet as well as an explanation of the calculation method is included. This is being done at the request of Elaine Brummett of your staff in an email dated September 7, 2001. Should you have any questions, please do not hesitate to contact me at (307) 328-1476.

Sincerely,

Oscar A Paulson

Oscar A. Paulson
Facility Supervisor

cc: Stephen J. Cohen – (2)
Director – NRC DRSS – Region IV (w/o enc.)
John Lucas – Rio Tinto Energy America

Rio Tinto Energy America
Kennecott Uranium Company
Sweetwater Uranium Project

Source Material License SUA-1350

27 February 2007

1	**Airborne Effluents – 2006 Semiannual 10 CFR 40.65 Report**
2	**Annual ALARA Audit – 2006**
3	**Annual Land Use Survey – 2006**
4	**Annual Corrective Action Program Review – 2006**
5	**Corrective Action Program Review Attachments - 2006** – **Tables** – **Maps** – **Control Charts** – **Diesel Excavation Monitoring Wells**

Rio Tinto Energy America
Kennecott Uranium Company
PO Box 1500, 42 Miles NW of Rawlins
Rawlins, Wyoming 82301-1500
Tel: (307) 324-4924 Fax: (307) 324-4925

22 February 2007

Mr. Keith McConnell, Deputy Director
Division of Waste Management and Environmental Protection
Office of Federal and State Materials and Environmental Management Programs
U.S. Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, MD 20852-2738

Dear Mr. McConnell:

SUBJECT: Sweetwater Uranium Project - Docket Number 40-8584
Source Materials License SUA-1350 - Semiannual 10 CFR 40.65 Report
Airborne Effluents

Enclosed is Kennecott Uranium Company's Semiannual 10 CFR 40.65 Report for the second half of 2006 for airborne effluents. This report addresses the requirements of License Condition 11.5 of SML #SUA-1350, as well as the requirements of 10 CFR 40.65(a)(1).

Kennecott Uranium Company is only required to monitor for ambient gamma and airborne particulates at the downwind location (Air 4A) and radon at the upwind (Air 2) and downwind (Air 4A) locations as long as operations remain suspended as per License Condition 11.5. Kennecott is not required to perform stack, soil, sediment or vegetation sampling as long as operations remain suspended.

Kennecott Uranium Company has examined the data included in this report, calculated the dose to the nearest resident in millirems per year for the second half of 2006 from the licensed activities and concluded that the dose does not exceed the 100 mrem per year dose limit. A copy of the calculation sheet as well as an explanation of the calculation method is included. This is being done at the request of Elaine Brummett, previously of your staff, in an email dated September 7, 2001.

Should you have any questions, please contact me at (307) 328-1476.

Sincerely yours,

Oscar A Paulson

Oscar Paulson
Facility Supervisor

cc: Stephen J. Cohen, Project Manager
Director - USNRC DRSS, Region IV (w/o enc.)
John Lucas – Rio Tinto Energy America

KENNECOTT URANIUM COMPANY
SWEETWATER URANIUM PROJECT
Source Material License SUA-1350

2006
RadTrak Radon Monitor
(pCi/L)

DATE	LOCATION	RADIONUCLIDE	CONCENTRATION	STD DEVIATION/ STD COUNTING ERROR	LOWER LIMIT OF DETECTION (LLD)	
				%	pCi/L-Days	pCi/L
1/1/06 – 4/3/06	Downwind - Air 4A	Radon	2.4 pCi/L	4.9	6.0	0.06
1/1/06 – 4/3/06	Upwind - Air 2	Radon	2.6 pCi/L	4.7	6.0	0.06
4/3/06 – 7/5/06	Downwind - Air 4A	Radon	2.5 pCi/L	4.6	6.0	0.06
4/3/06 – 7/5/06	Upwind - Air 2	Radon	4.6 pCi/L	3.6	6.0	0.06
7/5/06 – 10/2/06	Downwind - Air 4A	Radon	3.1 pCi/L	4.5	6.0	0.06
7/5/06 – 10/2/06	Upwind - Air 2	Radon	3.6 pCi/L	4.2	6.0	0.06
10/2/06 – 1/2/07	Downwind - Air 4A	Radon	2.6 pCi/L	4.7	6.0	0.06
10/2/06 – 1/2/07	Upwind - Air 2	Radon	3.5 pCi/L	4.1	6.0	0.06

KENNECOTT URANIUM COMPANY
SWEETWATER URANIUM PROJECT
Source Material License SUA-1350

2006
DIRECT RADIATION MEASUREMENTS
(TLD)

Location	Date	Exposure Rate (mr/Qtr)	Error Estimated	Lower Limit of Detection (LLD) Millirems
TLD				
0000 - Control	1/1/06 – 4/2/06	28	0.7 mr	10^{1}
0004 - Air 4A	1/1/06 – 4/2/06	40	2.3 mr	10^{1}
TLD				
0000 - Control	4/2/06 – 7/2/06	32	1.6 mr	10^{1}
0004 - Air 4A	4/2/06 – 7/2/06	42	1.1 mr	10^{1}
TLD				
0000 - Control	7/2/06 – 10/8/06	37	1.6 mr	10^{1}
0004 - Air 4A	7/2/06 – 10/8/06	47	0.8 mr	10^{1}
TLD				
0000 - Control	10/8/06 – 1/2/07	22	0.8 mr	10^{1}
0004 - Air 4A	10/8/06 – 1/2/07	34	2.4 mr	10^{1}

[1] Please see the following copy of a letter from ThermoNUtech on Lower Limits of Detection (LLD).

Thermo NUtech
5635 Jefferson Street NE
Albuquerque, NM 87109
(505) 345-9931 • FAX (505) 761-5410

Lower Limits of Detection (LLDs)

1990 DOELAP Study (See DOELAP Handbook § 3.4)
95% Confidence Level Values

Known Fields: LLD in mrem per period					
Radiation Field		Deployment Period			
Type	Test Source	Monthly*	Quarterly	Semi-Annual*	Annual*
gamma	^{137}Cs	6	11	16	22
X-ray	mixed beam	6	11	16	22
hard beta	$^{90}Sr/Y$	8	13	18	26
soft beta	^{204}Tl	36	63	89	126
slow neutron	^{252}Cf mod.	5	8	11	16
fast neutron	^{252}Cf unmod.	43	74	105	148

*Extrapolated from quarterly values. The study was done using a period of one quarter.

For routine reporting purposes, the LLD is taken to be 10 mrem.
This value is very close to the measured LLD for most commonly encountered radiation fields.
No values less than this nominal LLD are reported.

KENNECOTT URANIUM COMPANY
SWEETWATER URANIUM PROJECT
Source Material License SUA-1350

CONTINUOUS LOW-VOLUME AIR PARTICULATE ANALYSIS

STATION 4A – 2006

Quarter/Date Sampled Air Volume	Radionuclide	Concentration µCi/ml	Error Estimate µCi/ml	LLD µCi/ml	Effluent Conc.* pCi/ml	% Effluent Concentration
1st Quarter	U-nat	<1.00 E-16	N/A	1.00 E-16	9.00 E-14	<1.11 E-01
1/1/06 – 4/3/06	Th-230	<1.00 E-16	N/A	1.00 E-16	3.00 E-14	<3.33 E-01
Air Vol in mLs	Ra-226	<1.00 E-16	N/A	1.00 E-16	9.00 E-13	<1.11 E-02
5.16 E+10	Pb-210	1.41 E-14	3.24 E-16	2.00 E-15	6.00 E-13	2.34 E+00
2nd Quarter	U-nat	1.37 E-16	N/A	1.00 E-16	9.00 E-14	1.53 E-01
4/3/06–7/2/06	Th-230	<1.00 E-16	N/A	1.00 E-16	3.00 E-14	<3.33 E-01
Air Vol in mLs	Ra-226	<1.00 E-16	N/A	1.00 E-16	9.00 E-13	<1.11 E-02
4.59 E+10	Pb-210	1.33 E-14	4.53 E-16	2.00 E-15	6.00 E-13	2.21 E+00
3rd Quarter	U-nat	1.14 E-16	N/A	1.00 E-16	9.00 E-14	1.26 E-01
7/2/06 – 10/2/06	Th-230	<1.00 E-16	N/A	1.00 E-16	3.00 E-14	<3.33 E-01
Air Vol in mLs	Ra-226	<1.00 E-16	N/A	1.00 E-16	9.00 E-13	<1.11 E-02
4.40 E+10	Pb-210	2.41 E-14	4.09 E-16	2.00 E-15	6.00 E-13	4.02 E+00
4th Quarter	U-nat	1.70 E-16	N/A	1.00 E-16	9.00 E-14	1.89 E-01
10/2/06 – 1/2/07	Th-230	<1.00 E-16	N/A	1.00 E-16	3.00 E-14	<3.33 E-01
Air Vol in mLs	Ra-226	<1.00 E-16	N/A	1.00 E-16	9.00 E-13	<1.11 E-02
3.35 E+10	Pb-210	2.30 E-14	6.66 E-16	2.00 E-15	6.00 E-13	3.83 E+00

LLD's are as published in Reg. Guide 4.14
*Effluent Concentration from the NEW 10 CFR Part 20 - Appendix B - Table 2
Year for Natural Uranium
Year for Thorium-230
Week for Radium-226
Day for Lead-210

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

22 February 2007

To: File – 10 CFR 40.65 Report

Subject: Dose to the General Public in Millirems per Year as Represented by the Nearest Resident – Second Half 2006

The following is a dose calculation for the nearest resident (the contract security guard) for the second half of 2006.

Calculation Assumptions:

1. The nearest resident for dose calculation purposes is considered to be the site security officer when he is not on duty and sleeping inside the Security Trailer. The site security officer is scheduled to be on site from 5:30 p.m. on Thursday of each week to 10:00 p.m. the following Sunday, on holidays and at times that the Senior Facility Technician is on vacation. In spite of the fact that the site security officer does not reside on site continuously, no occupancy factor is assigned to him and for dose calculation purposes he is assumed to reside on site continuously.
2. Radon concentrations are measured in the Security Trailer with Radtrak detectors placed in the kitchen and bedroom and changed quarterly. The results from these detectors are averaged to derive a semiannual radon concentration in Pico curies per liter for the Security Trailer.
3. Radon exposures in working levels are measured semiannually in the Security Trailer using a calibrated Bendix BDX-44, MSA or Sensidyne GilAir II air pump and filter. The filter is read by the modified Kusnetz Method.
4. The radon concentration and exposure are used to calculate the equilibrium factor. The equilibrium factors calculated semiannually are averaged to derive a site equilibrium factor.
5. This equilibrium factor is applied to the upwind radon concentrations to derive a background radon dose and to the average semiannual radon concentration in the Security Trailer to derive a radon dose to the nearest resident. An equilibrium factor table is attached.
6. The dose from the semiannual downwind airborne particulate concentrations of natural uranium, radium-226 and thorium-230 are used to calculate the dose from airborne particulates in the Security Trailer in spite of the fact that the Security Trailer is not downwind of the facility.
7. The gamma dose from the downwind gamma radiation monitor (environmental thermo- luminescent dosimeter) is used to calculate the gamma radiation dose in the Security Trailer.
8. The doses from radon-222, airborne particulate radionuclides and gamma radiation are summed to produce a dose to the nearest resident (the Security Trailer).
9. The radon concentrations measured at the upwind air monitoring stations during the two (2) quarters for a given semiannual period are averaged, corrected for the site equilibrium factor and converted to a background radon dose for the facility.
10. This background radon dose is summed with the background gamma radiation dose (from the revised Environmental Report – dated August 1994) and the doses derived from the background airborne particulate concentrations (natural uranium, radium-226 and thorium-230 as described in the revised Environmental Report dated August 1994) to yield a background radiation dose for the facility for the given semiannual period.
11. The background dose is subtracted from the calculated dose to the nearest resident (Security Trailer) to derive a dose to the nearest resident for the facility.

BACKGROUND

	Average Concentration	Dose (mrem)
Gamma Exposure:		200.70 (approx. 22.9 uR/hr)
Airborne Particulates:		
U nat	6.2 E-16 µCi/ml	0.34
Ra-226	3.9 E-16 µCi/ml	0.22
Th-230	3.9 E-16 µCi/ml	0.65
Gases:		
Radon-222	3.6 pCi/l	342.1
Total		**544.01**

Notes:

1. An equilibrium factor of 0.216 was used for radon based on twenty (20) comparisons of radon-222 and radon-222 daughter concentrations over 14 years. Please see attached sheet entitled "Equilibrium Factors for Nearest Resident".
2. Gamma and airborne particulate background data is from the revised Environmental Report (August 1994).
3. The background radon concentration at the upwind air station (Air 2) for the period was used to calculate background radon dose.
4. Calculation: (Radon concentration (pCi/l))*(Equilibrium factor)*(0.44 rems/pCi/l) = Dose (rems)

SECURITY TRAILER

	Average Concentration	Dose (mrem)
Gamma Exposure:		162.00
Airborne Particulates:		
U nat	1.42 E-16 µCi/ml	0.08
Ra-226	1.00 E-16 µCi/ml	0.01
Th-230	1.00 E-16 µCi/ml	0.17
Gases:		
Radon-222	2.13 pCi/l	202.4
Total		**364.66**

Notes:

1. An equilibrium factor of 0.216 was used for radon based on twenty (20) comparisons of radon-222 and radon-222 daughter concentrations over 14 years.
2. Downwind airborne particulate concentrations and gamma doses for the third and fourth quarters of 2006 were used for the security trailer. These doses were converted to millirems per year (mrem/yr).
3. Radon concentration was measured in the security trailer for the first and second quarters of 2006 and is based on an average of RadTrak units located in two (2) locations; the kitchen and the bedroom.
4. The gamma dose rate is based upon the TLD dosimeters for the third and fourth quarters of 2006, converted to an annual dose rate.

The net (dose to the nearest resident minus background dose) annual TEDE from the licensed operations for the second half of 2006 is **0** mrem/year which is below the 100 mrem/year dose limit to members of the general public.

Oscar A Paulson

Oscar Paulson
Avg dose.doc

Kennecott Uranium Company
Sweetwater Uranium Project
Equilibrium Factor for Nearest Residence
(Security Guard Trailer)

Date	Radon Concentration (pCi/L)	Exposure (WL)	Equilibrium Factor
1/1/93 – 6/30/93	3.2	0.009	0.28
1/1/97 – 6/30/97	1.5	0.003	0.20
7/1/97 – 12/31/97	2.2	0.002	0.09
1/1/98 – 6/30/98	1.65	0.003	0.18
1/1/99 – 6/30/99	1.90	0.009	0.47
7/1/99 – 12/31/99	3.25	0.002	0.06
1/1/00 – 6/30/00	2.12	0.004	0.19
7/1/00 – 12/31/00	3.05	0.009	0.30
1/1/01 – 6/30/01	3.60[1]	0.012	0.33
7/1/01 – 12/31/01	2.78	0.013[2]	0.47
1/1/02 – 6/30/02	2.48	0.009[2]	0.34
7/1/02 – 12/31/02	2.80	0.003[2]	0.11
1/1/03 – 6/30/03	2.40	0.004[2]	0.17
7/1/03 – 12/31/03	3.75[3]	0.006[2]	0.16
1/1/04 – 6/30/04	2.08	0.003[2]	0.14
7/1/04 – 12/31/04	3.0	0.0005	0.017
1/1/05 – 6/30/05	2.55	0.0013	0.051
7/1/05 – 12/31/05	3.22	0.0035	0.109
1/1/06 – 6/30/06	2.40	0.0	0.0
7/1/06 – 12/31/06	2.13	0.014	0.66
Average			**0.216**

[1] This value is based upon an average of three (3) RadTrak detectors. The second quarter RadTrak detector in the Security Trailer bedroom was lost.
[2] Average of two (2) measurements
[3] Fourth quarter 2003 concentration only. Landauer, Inc. lost the third quarter 2003 RadTrak units.

Calculation Parameters

1. Radon concentrations in the Security Trailer are calculated based upon the results of two (2) RadTrak detectors (one in the kitchen and one in the bedroom) that are changed quarterly. The radon concentration for a given semiannual period is an average of the results of four (4) RadTrak detections, one in the kitchen and one in the bedroom, changed quarterly.
2. Radon exposures (radon daughters concentrations measured in Working Levels) are taken semiannually in the trailer in two (2) locations (kitchen and bedroom) using a Bendix BDX-44, MSA or Sensidyne GilAir II air pump and a filter. The filter is evaluated using the modified Kusnetz Method.
3. The equilibrium factor is calculated.

   Radon Dose (rems) = (Radon Concentration (pCi/L)) * (Equilibrium Factor) * (0.44 rem/pCi/L)
   An occupancy factor may be added as required.
   1 WL ~ 100 pCi/L with daughters present (100% equilibrium)
   Equilibrium Factor Formula: Equilibrium Factor = Exposure (WL) * 100 / Concentration (pCi/L)

Source: National Council on Radiation Protection (NCRP) Report #97

Rio Tinto Energy America
Kennecott Uranium Company
PO Box 1500, 42 Miles NW of Rawlins
Rawlins, Wyoming 82301-1500
Tel: (307) 324-4924 Fax: (307) 324-4925

22 February 2007

Mr. Keith McConnell, Deputy Director
Division of Waste Management and Environmental Protection
Office of Federal and State Materials and Environmental Management
U.S. Nuclear Regulatory Commission
11545 Rockville Pike, Mail Stop T7-E18
Rockville, MD 20852

Dear Mr. McConnell:

SUBJECT: Sweetwater Uranium Project – Docket Number 40-8584
Source Material License No. SUA-1350
Annual ALARA Audit

Enclosed is Kennecott Uranium Company's Annual ALARA Audit. This audit addresses conditions 9.3D and 12.3 of Source Material License number SUA-1350.

If you or your staff have any questions or require further information, please contact me at (307) 328-1476.

Sincerely,

Oscar A Paulson

Oscar A. Paulson
Facility Supervisor

cc: Stephen J. Cohen, Project Manager (NRC) (2)
Director, DRSS (NRC) - Arlington, TX (w/o attachments)
John Lucas – Rio Tinto Energy America

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

20 February 2007

NRC File

Subject: Source Material License SUA-1350 - License Condition 12.3 – Annual ALARA Report

The following areas of the Sweetwater Uranium Project Radiation Safety Program were reviewed to determine if occupational radiation safety exposures were managed to be As Low As Reasonably Achievable (ALARA):

1. Employee exposure records:
Individual monitoring of employee exposures at the Sweetwater Uranium Project is not required as per 10 CFR 20.1502 since employees are unlikely to receive in excess of 10% of the limits for external or internal exposure. Gamma radiation levels and concentrations of airborne radionuclides are assessed to verify that employee doses are below the levels requiring individual monitoring.

2. Quarterly bioassay results:
All bioassay results from site employees were below the first action level. In addition, pre-job bioassays were taken of any new contract employees. All results were below the first action level.

3. Inspections and reports:
Daily Mill Foreman inspections and weekly work area inspections by the Radiation Safety Officer have been suspended during the period of mill shutdown as per a letter from the licensee dated June 10, 1983 and a response from NRC dated September 23, 1983.

4. Training:
Annual Radiation Safety Refresher Training was conducted on January 3, 2006. Annual MSHA Refresher Training was conducted on January 5, 2006. In addition, driver training was conducted on January 4, 2006. Also, an eight-hour first aid class was provided on site on March 6, 2006.

5. Safety Meetings:
Monthly radiation safety meetings were held with site and applicable contract personnel. These are enumerated in this document.

6. Radiation surveys and sampling:
Gamma, radon and airborne uranium levels in the mill are low. Internal and external dose levels are below 10% of the applicable limits so individual monitoring of personnel is not required.

7. Reports of overexposure of workers:
No overexposures have occurred.

8. Standard Operating Procedures (SOPs):
Standard Operating Procedures (SOPs) were reviewed during 2006, as documented in the memorandum entitled "Annual Review of Standard Operating Procedures (SOPs)", dated 3 January 2007.

9. Radiation Work Permits:
No radiation work permits were issued in 2006. All work was conducted under Standard Operating Procedures.

10. Nuclear Density Gauges:
All nuclear density gauges in the mill are stored in place with the shutters closed and locked. All nuclear density gauges are inventoried semiannually. The gauges were inventoried on 6/21 and 12/14/06. All nuclear density gauges in the mill were leak tested on May 16, 1997. All gauges passed the leak test. Leak testing of the gauges is only required every ten (10) years provided they are in storage and not being used, as is the case at the Sweetwater Uranium Project.

11. Safety and Environmental Review Panel (SERP):
License Condition 9.3 of the facility's performance based operating license approved on August 18, 1999 addresses the Safety and Environmental Review Panel (SERP) and requires that an annual report of its activities be included in the facility's annual ALARA audit. The Safety and Environmental Review Panel issued four (4) Safety and Environmental Evaluations (SEE) during 2006. These actions are reflected in the memorandum entitled "Safety and Environmental Review Panel (SERP) - 2006", included in this report.

12. Instrument Calibrations:
Instrument calibrations were reviewed. All instruments were within their calibration interval when used.

13. Respiratory Protection:
Members of the site's respirator program were qualified for respirator use by a physician on June 12 and July 26, 2006. Annual fit testing and respirator training was conducted on November 20, 2006.

The following is based on the review of the Radiation Safety Program:

Trends in Exposure

Operations were suspended in April 1983. The mill has been cleaned with the exception of the precipitation and drying areas, which are isolated. Exposures remain low since operations are suspended.

Some equipment stored on site, especially some steel pressure vessels stored in the grinding area of the mill, has created the potential for very slight increases in gamma doses. The gamma dose rates from this equipment are not sufficiently high to require posting under 10 CFR 20.1003; however, site employees have been instructed about the vessels and avoid them. The storage of this equipment has caused slight increases in exposure to individuals working near where the equipment is stored. In addition, the equipment has caused slightly elevated radon daughter concentrations in the Solvent Extraction (SX) Building. This situation was corrected by the installation of a vent fan. The vent fan in that building was adjusted to operate continuously beginning on December 11, 2001, to exhaust accumulated radon and radon daughters. Radon daughter concentrations in the Solvent Extraction (SX) Building averaged 0.015 WL in June 2006 and 0.07 WL in December 2006.

Current Use of Control Equipment

Since the mill is not operating use of control equipment is not required in the Mill Building. The mill and solvent extraction (SX) buildings are kept locked to control access. Sprays and lagoons are operated in the tailings impoundment when weather conditions permit to control dusting. A fan is operated continuously in the Solvent Extraction (SX) Building to vent any accumulated radon and radon daughters in the building.

The shutters on the nuclear density gauges in the mill are closed and locked.

Contaminated soils were excavated from the Catchment Basin area during 2006. These soils were spread on top of tailings in the tailings impoundment. These soils, since they were lower in radium-226 than the underlying tailings, reduced gamma exposures in the tailings impoundment by acting as shielding. The excavation area and haul roads to, and in, the tailings impoundment were wetted to control dusting. Magnesium chloride was applied to the roads to further control dusting. The dust control measures were effective as evidenced by the low airborne radionuclide concentrations in the air samples.

A discrete Shower/Change/Monitoring trailer was installed in the fence south of the Catchment Basin excavation to provide a place for workers to shower, change and monitor, to make sure contamination was not being taken off site. This facility included a washing machine, showers and sinks that drained to a buried holding tank which could be pumped to the tailings impoundment.

Following completion of the excavation of the contaminated soils, the surface of the area around the excavation was scraped to a minimum depth of six (6) inches and the scraped soils placed in the tailings impoundment to insure all surface contamination was removed.

The excavation restricted area was clearly defined and marked to prevent inadvertent off site contamination.

Two (2) perforated drains were installed in the bottom of the Catchment Basin excavation prior to backfilling along the west wall to collect seepage before it migrates to the Battle Spring Aquifer.

Plastic liner was installed along the west highwall of the excavation to isolate contaminated soils beneath the Mill Building and tank slabs from clean fill being placed in the excavation.

Possible Reduction of Exposure under the ALARA Concept

Exposures are at minimal levels due to suspension of operations. Access to known contaminated areas and to stored equipment with slightly elevated gamma levels is limited and controlled. All nuclear density gauge shutters are closed and locked. An amendment to the sealed source license BML-49-19005-01 dated April 9, 1998 was obtained which freed the licensee from the requirement of testing the on-off mechanism on the gauges every six (6) months. This amendment has caused some reduction in exposures by reducing the time that personnel have to work around the gauges and by eliminating personnel having to work with the gauge in the yellowcake barreling area thus reducing exposure to airborne yellowcake particles.

Oscar A Paulson

Oscar Paulson
Facility Supervisor

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

20 February 2007

NRC File

Subject: Sweetwater Uranium Project – Source Materials License SUA-1350: In-House Review of the Radiation Safety Program Including Audits, Inspections, Employee Exposures, Effluent Releases and Environmental Data as Required by License Condition 12.3

As required by License Condition 12.3 of SML #SUA-1350, the radiation safety, health physics and environmental monitoring programs are reviewed herein. In addition, trends in exposure, possible reductions in exposure or effluents under the ALARA concept and the use, maintenance and inspection of radiation monitoring equipment is discussed. The required (License Conditions 9.3 and 12.3) report on the activities of the Safety and Environmental Review Panel (SERP) is also attached.

Attached as part of this review process are the following:

- Summary of Monthly Radiation Safety Meetings
- Summary of Annual Radiation Refresher Training
- Occupational Exposure Assessment - Suspended Operations
- Bioassay Assessment
- Summary of Radiation Instrument Calibrations
- External Gamma Radiation Survey Assessment
- Total and Removable Alpha Radiation Survey Assessment
- Radon Daughter Monitoring Assessment
- Potable Water Quality Summary
- Safety and Environmental Review Panel (SERP) - 2006
- Respiratory Protection – 2006
- Releases for Unrestricted Use – 2006
- Review of Standard Operating Procedures – 2006
- Radiation Work Permits – 2006
- Dose Assessment/Determination of No Requirement for Individual Monitoring or Dose Calculation at the Sweetwater Uranium Project for 2006

Review of the Programs

A review of the program revealed the following item(s) which required additional attention or correction during the year:

1. Storage of Contaminated Equipment and Ion Exchange Resin on Site

Contaminated equipment now belonging to the Green Mountain Mining Venture (GMMV), but originally stored on site in 1997 by U.S. Energy Corp./Yellowstone Fuels, Inc., continues to be stored on site. The equipment is stored in the Mill Building, Solvent Extraction (SX) Building, in the tailings impoundment, in a designated restricted area within the Main Shop (the Welding Bay). Ownership of this equipment was transferred to the Green Mountain Mining Venture (GMMV) by U.S. Energy Corp./Yellowstone Fuels, Inc., on September 11, 2000.

In addition, approximately 174,740 pounds of an ion exchange resin/water mixture is stored on site in the Number 1 Counter Current Decantation (CCD) thickener tank in the Mill Building. This material now belongs to the Green Mountain Mining Venture (GMMV), but was originally stored on site by U.S. Energy Corp./Yellowstone Fuels, Inc. This material was unloaded on site between April 22 and May 7, 1998. This material is stored submerged in the Number 1 CCD tank in the mill, which is heated to prevent freezing in the winter. Ownership of this ion exchange resin was transferred to the Green Mountain Mining Venture (GMMV) by U.S. Energy Corp./Yellowstone Fuels, Inc. on September 11, 2000.

Additional radon monitoring was performed using the modified Kusnetz method during unloading and RadTrak radon monitors are placed on top and below the CCD thickener (used to store the resin) and are changed quarterly. Air sample filters are collected semiannually near the Number 1 Counter Current Decantation (CCD) thickener tank and analyzed using the modified Kusnetz method. This is done to determine if handling or storing the resin creates elevated radon levels in the area. The results of the monitoring show that the radon levels in the storage area remain at background in spite of resin being stored there.

The stored equipment may have been responsible for previously elevated radon daughter concentrations measured in the Solvent Extraction (SX) Building. This situation has been corrected by operating an exhaust fan to remove accumulated radon and radon daughters. Radon daughter monitoring using the modified Kusnetz method has been performed semiannually in this area. The monitoring shows radon daughter concentrations ranging from 0.012 WL to 0.079 WL.

Changes in the Program

Additional Continuous Radon Monitoring

Continuous RadTrak radon monitors are placed on top and at the base of the Number 1 CCD Thickener and changed on a quarterly basis to monitor radon levels in the area to determine if the storage of resin in the thickener increased radon levels in the Mill Building. Radon levels in the Mill Building remain at background levels.

Trends in Exposure

Operations were suspended in April 1983. Operations have remained suspended since that time. Exposures are low. Individual monitoring of personnel is not required since all exposures are below 10% of the allowable limit. In-plant air samples are collected semiannually. Work performed in the mill and tailings impoundment has been under Standard Operating Procedures (SOPs). The only activities conducted in 2006 were property security, preservation, maintenance, operation of the tailings impoundment and Catchment Basin pumpback system and tailings impoundment spray system, environmental monitoring, storage of equipment and used ion exchange resin, excavation of approximately 220,000 cubic yards of contaminated soils in the Catchment Basin area and land farming of petroleum contaminated soils.

Storage of some of the equipment, notably some steel pressure vessels in the mill, has caused gamma radiation levels to increase slightly in the area within the mill in which they are stored. An exhaust fan is operated in the SX building continuously to vent any accumulated radon and radon progeny. Radon daughter concentrations in this area varied between 0.012 WL to 0.079 WL.

Gamma exposures in the tailings impoundment have been reduced by the addition of the material excavated from the Catchment Basin area. This material has a lower radium-226 concentration than the tailings and acts as shielding attenuation gamma radiation from the tailings.

Possible Reduction of Personnel Exposures or of Effluents under ALARA

With operations suspended since April 1983, there have been no releases of effluents or employee exposures. The mill, with the exception of the dryer, and yellowcake area has been decontaminated. The dryer is locked and entry is restricted. The yellowcake (precipitation) area has been externally cleaned and the tanks are covered. All thirteen (13) nuclear density gauges in the mill are shuttered and are inventoried semiannually. The

gauges were inventoried on 6/21 and 12/14/06. The gauges were leak tested on May 16, 1997. No leakage was detected. An amendment dated April 9, 1998 was obtained to the nuclear density gauge license, which freed the licensee from testing the on-off mechanism on the thirteen (13) nuclear density gauges in the mill as long as operations remain suspended. This change has caused some reduction in personnel exposure in that personnel now spend less time near the gauges and personnel are not exposed to yellowcake dust associated with testing the on-off mechanism of the gauge in the yellowcake barreling area. A Corrective Action Program (CAP) is in place to address the seepage from the tailings impoundment and Catchment Basin. The pumpback system continues to operate as designed. The fan in the Solvent Extraction (SX) Building is now operated continuously to exhaust any accumulated radon and radon daughters emanating from equipment stored there.

Current Use of Control Equipment

Concurrent with the suspension of mill operations in April 1983, all mill control systems have been shut down. The Mill and Solvent Extraction (SX) buildings are kept locked when personnel are not inside them. Security is maintained on site twenty-four (24) hours a day as required by Section 5.4 of the license application that is cited in License Condition 9.5 of SUA-1350, to prevent unauthorized access to the facility and unauthorized entry into the tailings impoundment. This prevents potential exposure to radioactive materials to unauthorized individuals, who may attempt to gain access to the facility buildings or the tailings impoundment. The tailings retention system continues as a passive control system incorporating a synthetic Hypalon liner to retain the tailings fluids. Seepage has occurred in the past due to a liner failure. Repairs to the liner along the eastern embankment were completed in 2006 as per Safety and Environmental Evaluation (SEE) #14 and SEE-14 Amended. A seepage collection (pumpback) system is in operation. This system was extended to include two (2) wells west of the Catchment Basin in 2005. A system using sprays and lagoons constructed on the tailings and operated during non-freezing weather serves to minimize dusting, reduce radon emanation and evaporate fluids. The Low Volume air samples taken at Air 4A, (downwind of the tailings impoundment) show levels of natural uranium, thorium-230 and radium-226, which each remained below 0.5% of the allowable effluent concentrations during 2006, documenting the effectiveness of the lagoons and spray system in controlling dusting on the tailings impoundment and the effectiveness of the dust control measures used in the Catchment Basin excavation. Evaporation will continue to decrease the potential of seepage from the impoundment. A fan is operated continuously in the Solvent Extraction (SX) Building to exhaust any accumulated radon and radon daughters emanating from equipment stored there.

Additional monitor wells were drilled in 2004 around the Catchment Basin. The nature and extent of the contamination of soils and ground water around the Catchment Basin has been described in submittals dated May 12, July 22 and December 15, 2004 and January 18, 2005. Fluid has been pumped out of one of the shallow monitor wells (TMW-90) beginning on September 4, 2003, under Safety and Environmental Evaluation (SEE) #6 and out of the second shallow monitor well (TMW-105) beginning on March 23, 2004 under an amendment to Safety and Environmental Evaluation (SEE) #6. Pumping of these wells was terminated in 2005 since they essentially pumped dry. Additional information about these wells may be found in the Corrective Action Program (CAP) Review. In addition, TMW-96 and TMW-97 were pumped during 2006.

A license amendment request to excavate the contaminated soils around the Catchment Basin and expand the pumpback system to include wells around the Catchment Basin was approved on May 26, 2005. During 2006 219,265 cubic yards of contaminated soils were excavated around the Catchment Basin. The excavation area was gridded and sampled. It is now being backfilled. A seepage collection system consisting of two lines of perforated pipe was installed along the west high wall at the excavation bottom to collect any seepage before it migrates to the Battle Spring formation. Plastic liner was placed on the west high wall to separate contaminated soils beneath the Mill Building and tank slabs from the clean backfill. Pump back of contaminated Battle Spring Aquifer water around the Catchment Basin began in the summer of 2005. Details about this expansion of the pumpback system are included in the Corrective Action Program Review.

Oscar A Paulson

Oscar Paulson

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

1 February 2007

To: NRC File

Subject: Summary of Monthly Radiation Safety Meetings

The monthly radiation safety meetings included all contract personnel on site at the time of the meeting. The following is a summary of the monthly (plus eleven (11) additional) Radiation Safety meetings held in 2006:

2006	TOPIC	ATTENDEES
1/19	Bioassays / airborne particulates.	KUC
1/23	Review of dosimeters results.	KUC
1/30	Ludlum meter / 2350-1 data logger.	KUC
2/6	Radon report corrections.	KUC
2/13	Restricted area definition.	ACI, KUC
2/20	Monitoring / scanning, bioassays.	ACI, KUC
2/27	Decontamination trailer / bioassays / tailings impoundment.	ACI, KUC
2/28	Restricted areas.	KUC, RJS
3/16	Release of tanks, dust control, breathing zone samples.	ACI, KUC
3/23	Luxel dosimetry results, high volume air sampling.	KUC
3/27	Bioassays, dosimeters, dust control, Chernobyl.	ACI, KUC
4/24	Alpha meters, bioassays, breathing zone sample results, Luxel results.	ACI, KUC
5/31	Dosimetry, breathing zone sample results, standard operating procedures.	ACI, KUC
6/22	40.36 File.	KUC
6/26	Dosimetry results, breathing zone samples, high volume air samples, bioassays, excavation sampling.	ACI, KUC
7/27	Bioassay results, breathing zone sample results, soil gamma measurements.	ACI, KUC
8/28	Breathing zone samples, dosimetry results, bioassays.	ACI, KUC
9/11	Method 115 Test results	ACI, KUC
9/26	External dosimetry methods, autoradiography, breathing zone sample results.	ACI, KUC
10/4	Equipment decontamination.	ACI, KUC
10/30	Reviewed Cogema presentation.on nuclear power, bioassay results, dosimetry results, release of equipment.	ACI, KUC
11/20	Dosimetry, bioassay and breathing zone sample results, respiratory protection, fit testing.	ACI, KUC
12/19	Litvenenko case / Polonium-210.	ACI, KUC

Initial key: **ACI** = Archer Construction, Inc., **KUC** = Kennecott Uranium Company, **RJS** = Robert Jack Smith & Associates

Oscar A Paulson

Oscar Paulson
Facility Supervisor

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

1 February 2007

To: NRC File

Subject: Annual Radiation Refresher Training

Annual radiation safety training for uranium mill workers was conducted by Dr. Jan Johnson of MFG Inc. on January 3, 2006, as discussed in the attached letter. The attendees are listed in the letter. A description of the course content is maintained on file on site.

In addition, the following individuals received radiation worker training on site through videos and direct instruction by the Radiation Safety Officer:

Kathryn Harrison – Securitas	November 19, 2006
Sam Finley – Archer Construction, Inc.	June 21, 2006
Charlie Roberts – Archer Construction, Inc.	May 15, 2006
Mike Mariner – Archer Construction, Inc.	May 15, 2006
Jacob Bolte – Archer Construction, Inc	August 6, 2006
Mike Mitchell – Archer Construction, Inc.	August 6, 2006
Richard Durazo – Archer Construction, Inc.	August 6, 2006

All individuals who worked within a restricted area during 2006 received radiation worker training.

Oscar A Paulson

Oscar Paulson
Facility Supervisor

consulting
scientists and
engineers

MFG PROJECT: 180903

January 9, 2006

Mr. Oscar Paulson
Kennecott Energy Company
Sweetwater Uranium Facility
P.O. Box 1500
Rawlins, Wyoming 82301

RE: Worker Radiation Protection Training

Dear Mr. Paulson:

The following individuals successfully completed a four hour Worker Radiation Protection Training class presented at the site on January 3, 2006:

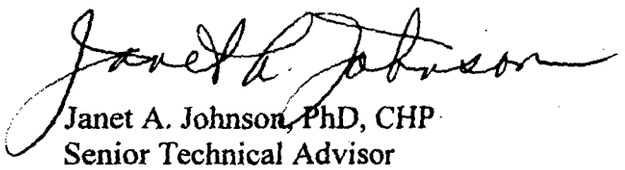
Randy Archer, Archer Construction
Gene English, Archer Construction
Tom Faust, Archer Construction
Gary Hostetler, Archer Construction
Stacey Lawson, Archer Construction
Mike Pattyn, Archer Construction
Terry Romero, Archer Construction
James Tharpe, Archer Construction
Harry Lovato, L&L Electric
Anita Morris, Robert Jack Smith and Assoc.
Roger Hannula, RFES
Ray Grate, Securitas
Jim McMacken, Securitas
Oscar Paulson, Kennecott
George Palochak, Kennecott
Harold Kelley, Kennecott

The class included a review of basic radiation protection principles, specific radiation protection issues related to uranium recovery facilities in general and the Sweetwater

Uranium Facility in particular, regulatory requirements, and worker rights and responsibilities.

Sincerely yours,

MFG/SHEPHERD MILLER



Janet A. Johnson, PhD, CHP
Senior Technical Advisor

cc Clint Strachan, MFG, Inc.

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

21 February 2007

To: NRC File

SUBJECT: Internal Occupational Exposure Assessment – Suspended Operations

The following occupational exposure assessment is based on air samples taken in the Sweetwater Mill, tailings impoundment and Catchment Basin excavation during 2006. Annual intakes (based on airborne concentrations and exposure times) below 10% of the applicable Allowable Limits of Intake (ALI) in Table 1, Column 1 of Appendix B (5 E-2 µCi for Class Y natural uranium) do not require individual monitoring or dose assessment. This assessment is of the Mill Foreman, who is the individual on site who spends the greatest amount of time within the restricted areas and receives the largest dose.

Airborne Particulate Air Sampling Results

The results of this sampling are attached as the spreadsheet "Airborne Sampling Results". Quarterly breathing zone samples and semiannual high volume air samples in the Grinding and Precipitation Areas of the Mill Building, high volume air samples of the tailings impoundment and high volume and breathing zone samples in the Catchment Basin excavation were collected.

Time Spent in the Mill Building, Tailings Impoundment and Catchment Basin Excavation (Restricted Area)

The Mill Foreman spent a total of 263 hours (26.3 days) in the Sweetwater Mill, 753 hours (75.3 days) in the tailings impoundment and 214 hours (21.4 days) during calendar year 2006. This is a maximum estimate of time and is based upon the assumption that for each day the Mill Foreman was in the Restricted Area he spent the entire ten (10) hour day there, even though on many occasions a visit to the mill, tailings impoundment or Catchment Basin excavation in a given day constituted only a few hours inside the building, inside the impoundment or inside the excavation area. The days he spent in each area are based on his comments in the Alpha Monitor Record, which he signed upon completion of monitoring after leaving a Restricted Area.

Dose Calculation Method

10CFR20.1003 states, "Occupational dose does not include dose received from background radiation...". In the interest of simplicity and conservatism, however, background airborne radionuclide concentrations have not been deducted from the concentrations, derived air concentrations (DACs) or percentages of allowable limits of intake (ALIs) presented in the table on the spreadsheet or text that follows.

The following additional steps were followed to ensure that the calculated dose is conservative:

- The highest airborne concentration measured (from a single breathing zone sample) in the year (June 29, 2006 – 6.22 E-14 µCi/ml) was used for an airborne uranium concentration in the Mill Building.
- An assumption of ten (10) hours occupancy (a full working day) in either the Mill Building, tailings impoundment or Catchment Basin excavation was assumed if the Mill Foreman entered either area on a given day in spite of the fact that actual occupancy may have been far less.
- The maximum airborne concentrations for thorium-230 and radium-226, based on high volume air samples, were used to calculate the doses to thorium-230 and radium-226 for the time spent in the Mill Building.
- The maximum airborne concentrations for natural uranium, thorium-230 and radium-226 based on high volume air samples were used to calculate the doses for natural uranium, thorium-230 and radium-226 for time spent in the tailings impoundment.

- The maximum airborne concentrations for natural uranium and thorium-230 based on breathing zone samples and the airborne maximum concentration for radium-226 based on high volume air sampling were used for the Catchment Basin excavation.

Attached please find in addition to the spreadsheet entitled "Airborne Sampling Results", the following spreadsheets:

Tailings Impoundment High Volume Air Samples
Catychment Basin Excavatoin High Volume Air Samples
Catchment Basin Excavation Breathing Zone Samples (with Non-Detect results shown as ND)
Catchment Basin Excavation Breathing Zone Samples (with Non-detect results reported as the Lower Limit of Detection (LLD))

Dose Calculation Results

An internal dose of 3.53 E+01 millirems (35.3 millirems) was calculated for the maximally exposed individual (the Mill Foreman) on site for normal duties.

The calculated dose of 35.3 millirems is less than 10% of the limit of 500 millirems, above which individual monitoring is required as per 10 CFR 20.1502(b)(1). Thus, the maximally exposed individual received less than 1% of the ALI for natural uranium, radium-226 and thorium-230 when working in the Mill Building, tailings impoundment and Catchment Basin excavation. The highest single air sample collected on site was 2.895% of the Derived Air Concentration (DAC) meaning that no worker was "...likely to receive in 1 year an intake in excess of 10 percent of the applicable ALI(s) in table 1, Columns 1 and 2 of Appendix B to §20.1001-21.2401: ..." Thus, individual monitoring of occupational intake for airborne particulate radionuclides was not required.

Oscar A Paulson
Oscar A. Paulson

Kennecott Uranium Company
Sweetwater Uranium Project
Airborne Sampling Results

Breathing Zone Samples							
Date	**Location**	**Concentration**			**Percent of DAC**		
		(Natural Uranium Only)	**Radium-226**	**Thorium-230**	**Natural Uranium**	**Radium-226**	**Thorium-230**
		(microCuries/ml)	**(microCuries/ml)**	**(microCuries/ml)**			
30-Mar-06	Mill	<3.484E-14			<1.74E-01		
29-Jun-06	Mill	6.22E-14	<4.15E-14	<4.15E-14	3.11E-01	<1.38E-02	<6.92E-01
28-Sep-06	Mill	<6.10E-14			<3.05E-01		
26-Dec-06	Mill	<6.33E-14	<6.33E-14	<6.33E-14	<3.16E-01	<2.11E-02	<1.05E+00
Average- Ninety-six (96) samples	Catchment Basin Excavation	2.71E-14	3.08E-14	3.43E-14	1.72E-01	9.13E-03	5.13E-01
Taken from March 1 to September 21, 2006							
Please see attached spreadsheets							
Lower Limit of Detection (LLD) value used in average if result was non-detect to produce conservative result.							
High Volume Air Sampling							
Date	**Location**	**Concentration**			**Percent of DAC**		
		Natural Uranium	**Radium-226**	**Thorium-230**	**Natural Uranium**	**Radium-226**	**Thorium-230**
		(microCuries/ml)	**(microCuries/ml)**	**(microCuries/ml)**			
7-May-06	Mill-Precipitation	5.36E-16	<1.00E-16	<1.00E-16	2.68E-03	<3.33E-05	<1.67E-3
4-May-06	Mill - Grinding	5.42E-16	<1.00E-16	<1.00E-16	2.71E-03	<3.33E-05	<1.67E-3
25-Nov-06	Mill-Precipitation	2.40E-15	7.35E-16	<1.00E-16	1.20E-02	2.45E-04	<1.67E-3
25-Nov-06	Mill - Grinding	1.78E-15	6.67E-16	<1.00E-16	8.90E-03	2.22E-04	<1.67E-3
Average- Thirty-three (33) samples	Tailings Impoundment	4.51E-15	3.41E-15	5.51E-15	2.26E-02	1.14E-03	9.18E-02
Taken from May 30 to November 25, 2006							
Please see attached spreadsheets							
Average- Twenty-one (21) samples	Catchment Basin	5.29E-15	7.78E-15	2.12E-15	2.65E-02	2.59E-03	3.53E-02
Taken from March 8 to October 2, 2006							
Please see attached spreadsheets							
Maximum Measured Concentrations							
		Concentration			**Percent of DAC**		
		Natural Uranium	**Radium-226**	**Thorium-230**	**Natural Uranium**	**Radium-226**	**Thorium-230**
		(microCuries/ml)	**(microCuries/ml)**	**(microCuries/ml)**			
	Mill	6.22E-14	7.35E-16	1.00E-16	3.11E-01	2.45E-04	1.67E-03
	Tailings	1.66E-14	1.00E-14	1.48E-14	8.30E-02	3.33E-03	2.47E-01
	Catchment Basin	5.79E-13	5.24E-14	1.28E-13	2.90E+00	1.75E-02	2.13E+00
Exposure Calculations							
Hours Worked During 2006							
	Mill	263					
	Tailings Impoundment	753					
	Catchment Basin	214					
Exposure		**Natural Uranium**	**Radium-226**	**Thorium-230**	**Total**		
		(millirems)	**(millirems)**	**(millirems)**	**(millirems)**		
	Mill	2.04E+00	1.61E-03	1.10E-02			
	Tailings	1.56E+00	6.28E-02	4.64E+00			
	Catchment Basin	1.55E+01	9.34E-02	1.14E+01			
	Total	1.91E+01	1.58E-01	1.61E+01	3.53E+01		
Notes:	Maximum airborne concentrations for uranium, radium-226 and thorium-230 were used in the calculation for each area (mill, tailings impoundment and Catchment Ba						
	In the case of the mill, the maximum uranium concentration on a breathing zone sample was used to calculate exposure for the entire year.						
	For this year the highest concentration value was on the first quarter breathing zone sample in which the value was 6.22E-14uCi/ml.						
	6.22E-14 uCi/ml was used as the highest airborne uranium concentration.						
	No air sample collected exceeded 10% of the Derived Air Concentration (DAC). The highest airborne natural uranium concentration detected was 2.90% of the DAC, the highest Radium-226 concentration detected was 1.75E-02 % of the DAC and the highest Thorium-230 concentration detected was 2.13 % of the DAC.						
	No worker could have received in excess of 10 percent of the applicable ALI)s) in Table 1, Column 1 and 2 of Appendix B to 10 CFR 20.1001 - 20.2401 requiring monitoring of occupational intake.						

Kennecott Uranium Company
Sweetwater Uranium Project
Catchment Basin Excavation
High Volume Air Samples

Sample Number	Date		Volume	Sample Lower Limit of Detection (LLD) (microCurie per milliliter)	Natural Uranium (microCurie per milliliter)	Thorium-230 (microCurie per milliliter)	Radium-226 (microCurie per milliliter)	Natural Uranium % of DAC	Thorium-230 % of DAC	Radium-226 % of DAC
	Start	Stop	(milliliters)					(Percent)	(Percent)	(Percent)
Background	9-Feb-06	10-Feb-06	2.36E+09	1.00E-16	1.00E-16	4.03E-16	1.00E-16	0.0005	0.0067	0.0000
1	8-Mar-06	13-Mar-06	3.37E+09	1.00E-16	3.15E-15	1.35E-15	1.96E-15	0.0158	0.0225	0.0007
2	14-Mar-06	16-Mar-06	3.04E+09	1.00E-16	3.71E-15	1.53E-15	2.10E-15	0.0186	0.0255	0.0007
3	20-Mar-06	22-Mar-06	3.21E+09	1.00E-16	3.16E-16	1.00E-16	3.72E-16	0.0016	0.0017	0.0001
4	23-Mar-06	27-Mar-06	2.10E+09	1.00E-16	5.38E-15	3.62E-15	5.24E-14	0.0269	0.0603	0.0175
5	28-Mar-06	30-Mar-06	2.15E+09	1.00E-16	8.51E-15	2.84E-15	1.01E-13	0.0426	0.0473	0.0337
6	2-Apr-06	3-Apr-06	2.24E+09	1.00E-16	2.81E-15	1.03E-15	1.70E-15	0.0141	0.0172	0.0006
7	10-Apr-06	12-Apr-06	2.12E+09	1.00E-16	3.02E-15	9.91E-16	1.13E-14	0.0151	0.0165	0.0038
8	17-Apr-06	19-Apr-06	1.99E+09	1.00E-16	6.13E-15	1.96E-15	1.96E-15	0.0307	0.0327	0.0007
9	20-Apr-06	25-Apr-06	2.46E+09	1.00E-16	9.35E-16	3.66E-16	1.00E-16	0.0047	0.0061	0.0000
10	26-Apr-06	2-May-06	2.91E+09	1.00E-16	1.35E-14	4.26E-15	5.50E-15	0.0675	0.0710	0.0018
11	3-May-06	9-May-06	2.25E+09	1.00E-16	5.11E-15	2.67E-15	2.53E-15	0.0256	0.0445	0.0008
12	10-May-06	15-May-06	2.62E+09	1.00E-16	3.51E-15	1.00E-16	1.00E-16	0.0176	0.0017	0.0000
13	16-May-06	18-May-06	2.54E+09	1.00E-16	3.03E-15	1.46E-15	1.97E-15	0.0152	0.0243	0.0007
14	22-May-06	24-May-06	2.45E+09	1.00E-16	8.57E-15	3.76E-15	4.08E-15	0.0429	0.0627	0.0014
15	25-May-06	1-Jun-06	3.35E+09	1.00E-16	4.07E-15	2.24E-15	3.01E-15	0.0204	0.0373	0.0010
16	5-Jun-06	7-Jun-06	2.53E+09	1.00E-16	2.89E-15	1.34E-15	1.98E-15	0.0145	0.0223	0.0007
17	8-Jun-06	13-Jun-06	2.47E+09	1.00E-16	8.66E-15	2.23E-15	3.08E-15	0.0433	0.0372	0.0010
18	14-Jun-06	19-Jun-06	2.40E+09	1.00E-16	2.58E-15	1.25E-15	1.71E-15	0.0129	0.0208	0.0006
19	20-Jun-06	22-Jun-06	2.38E+09	1.00E-16	5.13E-15	9.24E-16	1.72E-15	0.0257	0.0154	0.0006
20	26-Jun-06	29-Jun-06	3.33E+09	1.00E-16	2.76E-15	1.47E-15	1.95E-15	0.0138	0.0245	0.0007
21	5-Jul-06	10-Jul-06	3.33E+09	1.00E-16	1.38E-14	6.31E-16	2.28E-15	0.0690	0.0105	0.0008
22	11-Jul-06	13-Jul-06	2.36E+09	1.00E-16	3.01E-15	7.63E-16	2.20E-15	0.0151	0.0127	0.0007
23	17-Jul-06	20-Jul-06	2.66E+09	1.00E-16	3.57E-15	5.26E-16	1.43E-15	0.0179	0.0088	0.0005
24	24-Jul-06	26-Jul-06	2.88E+09	1.00E-16	2.29E-15	8.33E-16	1.18E-15	0.0115	0.0139	0.0004
25	27-Jul-06	2-Aug-06	2.36E+09	1.00E-16	8.35E-15	3.05E-15	3.22E-15	0.0418	0.0508	0.0011
26	3-Aug-06	8-Aug-06	2.86E+09	1.00E-16	6.43E-15	2.90E-15	3.36E-15	0.0322	0.0483	0.0011
27	9-Aug-06	14-Aug-06	2.75E+09	1.00E-16	1.01E-14	3.13E-15	6.55E-15	0.0505	0.0522	0.0022
28	23-Aug-06	28-Aug-06	2.74E+09	1.00E-16	5.95E-15	4.45E-15	1.02E-14	0.0298	0.0742	0.0034
29	29-Aug-06	31-Aug-06	2.91E+09	1.00E-16	3.78E-15	2.44E-15	5.15E-15	0.0189	0.0407	0.0017
30	12-Sep-06	14-Sep-06	3.05E+09	1.00E-16	4.13E-15	2.20E-15	3.61E-15	0.0207	0.0367	0.0012
31	18-Sep-06	20-Sep-06	2.87E+09	1.00E-16	4.91E-15	1.85E-15	3.21E-15	0.0246	0.0308	0.0011
32	21-Sep-06	28-Sep-06	3.56E+09	1.00E-16	4.07E-15	4.61E-15	3.09E-15	0.0204	0.0768	0.0010
33	2-Oct-06	2-Oct-06	7.52E+08	1.00E-16	1.04E-14	7.18E-15	1.08E-14	0.0520	0.1197	0.0036
Average:			2.64E+09		5.29E-15	2.12E-15	7.78E-15	2.64E-02	3.54E-02	2.59E-03

Derived Air Concentrations Used			Environmental Air Concentrations Used		
	microCurie per milliliter			microCurie per milliliter	
Natural Uranium	2.00E-11	Year	Natural Uranium	9.00E-14	Year
Radium-226	3.00E-10	Week	Radium-226	9.00E-13	Week
Thorium-230	6.00E-12	Year	Thorium-230	3.00E-14	Year

Notes:

Air samples were only collected when equipment was actually operating.
Air sampler was located near TMW-58 at the northern edge of the excavation restricted area.
Air sampler was pointed southwest into the prevailing wind to maximize radionuclide concentrations.
No sample exceeded effluent limits for natural uranium, radium-226 or thorium-230 during the entire course of the work.
If a concentration was listed as Non-Detect the Lower Limit of Detection (LLD) was used as a value to remain conservative.
These values are shown in red text.

Kennecott Uranium Company
Sweetwater Uranium Project
Tailings Impoundment
High Volume Air Samples

Sample Number	Date		Volume	Sample Lower Limit of Detection (LLD)	Natural Uranium	Thorium-230	Radium-226	Natural Uranium % of DAC	Thorium-230 % of DAC	Radium-226 % of DAC
	Start	Stop	(milliliters)	(microCurie per milliliter)	(microCurie per milliliter)	(microCurie per milliliter)	(microCurie per milliliter)	(Percent)	(Percent)	(Percent)
1	30-May-06	31-May-06	2.35E+09	1.00E-16	1.47E-15	8.90E-16	5.44E-16	0.0132	0.0503	0.0006
2	5-Jun-06	7-Jun-06	3.08E+09	1.00E-16	2.63E-15	3.02E-15	1.75E-15	0.0132	0.0503	0.0006
3	8-Jun-06	13-Jun-06	2.95E+09	1.00E-16	3.73E-15	5.12E-15	2.34E-15	0.0187	0.0853	0.0008
4	14-Jun-06	19-Jun-06	2.79E+09	1.00E-16	6.02E-15	1.48E-14	5.73E-15	0.0301	0.2467	0.0019
5	20-Jun-06	22-Jun-06	2.75E+09	1.00E-16	2.62E-15	3.31E-15	1.27E-15	0.0131	0.0552	0.0004
6	26-Jun-06	29-Jun-06	2.14E+09	1.00E-16	4.95E-15	9.81E-15	5.14E-15	0.0248	0.1635	0.0017
7	5-Jul-06	10-Jul-06	2.84E+09	1.00E-16	1.69E-15	2.92E-15	1.34E-15	0.0085	0.0487	0.0004
8	11-Jul-06	13-Jul-06	3.08E+09	1.00E-16	3.44E-15	3.90E-15	3.25E-15	0.0172	0.0650	0.0011
9	17-Jul-06	20-Jul-06	2.87E+09	1.00E-16	4.11E-15	5.78E-15	3.38E-15	0.0206	0.0963	0.0011
10	24-Jul-06	26-Jul-06	3.14E+09	1.00E-16	1.82E-15	7.29E-15	2.17E-15	0.0091	0.1215	0.0007
11	27-Jul-06	2-Aug-06	2.36E+09	1.00E-16	5.76E-15	2.63E-15	2.54E-15	0.0288	0.0438	0.0008
12	3-Aug-06	8-Aug-06	3.18E+09	1.00E-16	5.60E-15	5.53E-15	2.70E-15	0.0280	0.0922	0.0009
13	9-Aug-06	14-Aug-06	3.01E+09	1.00E-16	3.59E-15	7.97E-16	1.89E-15	0.0180	0.0133	0.0006
14	23-Aug-06	28-Aug-06	2.84E+09	1.00E-16	5.56E-15	3.45E-15	3.52E-15	0.0278	0.0575	0.0012
15	29-Aug-06	31-Aug-06	3.09E+09	1.00E-16	3.85E-15	9.45E-15	1.00E-14	0.0193	0.1575	0.0033
16	5-Sep-06	11-Sep-06	2.95E+09	1.00E-16	3.93E-15	1.35E-14	6.78E-15	0.0197	0.2250	0.0023
17	12-Sep-06	14-Sep-06	3.11E+09	1.00E-16	3.44E-15	5.95E-15	3.22E-15	0.0172	0.0992	0.0011
18	18-Sep-06	20-Sep-06	2.94E+09	1.00E-16	8.44E-15	3.33E-15	1.84E-15	0.0422	0.0555	0.0006
19	21-Sep-06	28-Sep-06	3.59E+09	1.00E-16	4.40E-15	2.14E-15	4.46E-15	0.0220	0.0357	0.0015
20	2-Oct-06	2-Oct-06	7.60E+08	1.00E-16	1.66E-14	1.12E-14	7.11E-15	0.0830	0.1867	0.0024
21	25-Nov-06	26-Nov-06	2.63E+09	1.00E-16	1.14E-15	7.98E-16	6.46E-16	0.0057	0.0133	0.0002
Average:			2.81E+09		4.85E-15	6.00E-15	3.71E-15	2.28E-02	9.34E-02	1.10E-03

Derived Air Concentrations Used			Environmental Air Concentrations Used		
	microCurie per milliliter			microCurie per milliliter	
Natural Uranium	2.00E-11	Year	**Natural Uranium**	9.00E-14	Year
Radium-226	3.00E-10	Week	**Radium-226**	9.00E-13	Week
Thorium-230	6.00E-12	Year	**Thorium-230**	3.00E-14	Year

Notes:

Air samples were only collected when equipment was actually operating in the impoundment except for the November 25 to 26, 2006 sample.

Air sampler was located near the northeast corner of the interior of the impoundment.

Air sampler was pointed southwest into the prevailing wind to maximize radionuclide concentrations.

No sample exceeded effluent limits for natural uranium, radium-226 or thorium-230 in spite of the fact that they were collected inside of the impoundment.

Kennecott Uranium Company										
Sweetwater Uranium Project										
Catchment Basin Excavation										
Breathing Zone Samples										
Date	Task	Individual	Volume (milliliters)	Sample Lower Limit of Detection (LLD) (microCurie per milliliter)	Natural Uranium (microCurie per milliliter)	Thorium-230 (microCurie per milliliter)	Radium-226 (microCurie per milliliter)	Natural Uranium % of DAC (Percent)	Thorium-230 % of DAC (Percent)	Radium-226 % of DAC (Percent)
1-Mar-06	Truck Driver	Gene English	1.22E+06	8.20E-15	ND	5.74E-14	ND	ND	0.957	ND
8-Mar-06	Loader Operator	Mike Pattyn	9.33E+05	1.09E-14	5.79E-13	ND	ND	2.895	ND	ND
9-Mar-06	Truck Driver	Terry Romero	6.27E+05	1.62E-14	7.17E-14	ND	ND	0.359	ND	ND
15-Mar-06	Truck Driver	Gene English	8.01E+05	1.27E-14	2.50E-14	ND	ND	0.125	ND	ND
16-Mar-06	Truck Driver	Gary Hostetter	1.35E+06	7.51E-15	1.85E-14	ND	ND	0.093	ND	ND
20-Mar-06	Loader Operator	Mike Pattyn	1.52E+06	6.69E-15	1.32E-14	ND	ND	0.066	ND	ND
21-Mar-06	Truck Driver	Terry Romero	1.42E+06	7.13E-15	1.05E-14	ND	ND	0.053	ND	ND
22-Mar-06	Trackhoe Operator	Randy Archer	1.27E+06	7.97E-15	1.18E-14	ND	ND	0.059	ND	ND
27-Mar-06	Truck Driver	Gene English	1.26E+06	7.94E-15	ND	ND	ND	ND	ND	ND
27-Mar-06	Loader Operator	Mike Pattyn	1.38E+06	7.25E-15	ND	2.90E-14	ND	ND	0.483	ND
29-Mar-06	Truck Driver	Terry Romero	5.99E+05	1.67E-14	ND	ND	ND	ND	ND	ND
30-Mar-06	Loader Operator	Randy Archer	1.18E+06	8.47E-15	ND	3.39E-14	ND	ND	0.565	ND
3-Apr-06	Truck Driver	Terry Romero	1.29E+06	7.75E-15	ND	ND	ND	ND	ND	ND
5-Apr-06	Loader Operator	Mike Pattyn	1.08E+06	9.26E-15	ND	ND	ND	ND	ND	ND
6-Apr-06	Truck Driver	Terry Romero	1.19E+08	8.40E-15	ND	ND	ND	ND	ND	ND
10-Apr-06	Water Truck Operator	Mike Pattyn	1.20E+06	8.33E-15	ND	3.33E-14	ND	ND	0.555	ND
12-Apr-06	Trackhoe Operator	Tom Foust	1.29E+06	7.75E-15	ND	ND	ND	ND	ND	ND
17-Apr-06	Trackhoe Operator	Tom Foust	6.41E+05	1.56E-14	ND	ND	ND	ND	ND	ND
17-Apr-06	Truck Driver	Randy Archer	7.54E+05	1.33E-14	ND	6.63E-14	ND	ND	1.105	ND
19-Apr-06	Truck Driver	Gene English	1.50E+06	6.67E-15	ND	ND	ND	ND	ND	ND
19-Apr-06	Backhoe Operator	Tom Foust	1.09E+06	9.17E-15	ND	1.28E-13	ND	ND	2.133	ND
20-Apr-06	Truck Driver	Gary Hostetter	1.23E+06	8.13E-15	1.63E-14	ND	ND	0.082	ND	ND
20-Apr-06	Loader Operator	Mike Pattyn	8.97E+05	1.11E-14	ND	ND	ND	ND	ND	ND
24-Apr-06	Truck Driver	Randy Archer	1.27E+06	7.87E-15	3.45E-14	ND	ND	0.173	ND	ND
24-Apr-06	Loader Operator	Mike Pattyn	1.12E+06	8.93E-15	ND	ND	ND	ND	ND	ND
25-Apr-06	Truck Driver	Gene English	1.38E+06	7.25E-15	ND	3.26E-14	ND	ND	0.543	ND
25-Apr-06	Trackhoe Operator	Tom Foust	1.22E+06	8.20E-15	ND	ND	ND	ND	ND	ND
26-Apr-06	Trackhoe Operator	Tom Foust	1.31E+06	7.63E-15	ND	ND	ND	ND	ND	ND
26-Apr-06	Truck Driver	Gary Hostetter	1.08E+06	9.26E-15	ND	ND	ND	ND	ND	ND
1-May-06	Loader Operator	Mike Pattyn	1.47E+06	6.80E-15	ND	ND	ND	ND	ND	ND
1-May-06	Truck Driver	Gary Hostetter	1.39E+06	7.19E-15	ND	1.80E-14	ND	ND	0.300	ND
2-May-06	Truck Driver	Gene English	1.24E+06	8.06E-15	ND	1.61E-14	ND	ND	0.268	ND
2-May-06	Truckhoe Operator	Randy Archer	1.50E+06	6.68E-15	ND	ND	ND	ND	ND	ND
3-May-06	Truckhoe Operator	Randy Archer	1.53E+06	6.54E-15	ND	ND	ND	ND	ND	ND
3-May-06	Truck Driver	Gary Hostetter	1.25E+06	8.01E-15	ND	2.40E-14	ND	ND	0.400	ND
8-May-06	Truck Driver	Mike Mariner	1.55E+06	6.45E-15	ND	ND	ND	ND	ND	ND
8-May-06	Truck Driver	Gary Hostetter	1.45E+06	6.90E-15	ND	ND	ND	ND	ND	ND
9-May-06	Truck Driver	Gary Hostetter	8.32E+05	1.20E-14	ND	ND	ND	ND	ND	ND
10-May-06	Truck Driver	Gene English	1.35E+06	7.41E-15	ND	ND	ND	ND	ND	ND
11-May-06	Loader Operator	Mike Pattyn	1.51E+06	6.62E-15	ND	ND	ND	ND	ND	ND
15-May-06	Truckhoe Operator	Randy Archer	1.50E+06	6.67E-15	ND	ND	ND	ND	ND	ND
16-May-06	Truck Driver	Gene English	1.41E+06	1.35E-13	ND	ND	ND	ND	ND	ND
17-May-06	Truckhoe Operator	Tom Foust	1.42E+06	1.34E-13	ND	ND	ND	ND	ND	ND
18-May-06	Loader Operator	Mike Pattyn	1.13E+06	1.68E-13	ND	ND	ND	ND	ND	ND
22-May-06	Truck Driver	Mike Mariner	7.63E+05	2.49E-13	ND	ND	ND	ND	ND	ND
22-May-06	Truck Driver	Gary Hostetter	1.15E+06	1.65E-13	ND	ND	ND	ND	ND	ND
23-May-06	Loader Operator	Mike Pattyn	1.48E+06	1.28E-13	ND	ND	ND	ND	ND	ND
24-May-06	Truck Driver	Charlie Roberts	1.41E+06	1.35E-13	ND	ND	ND	ND	ND	ND
30-May-06	Truck Driver	Gene English	1.20E+06	1.67E-13	ND	ND	ND	ND	ND	ND
30-May-06	Truck Driver	Gary Hostetter	1.20E+06	1.67E-13	ND	ND	ND	ND	ND	ND
31-May-06	Truck Driver	Gary Hostetter	1.36E+06	1.40E-13	ND	ND	ND	ND	ND	ND
7-Jun-06	Truck Driver	Mike Mariner	1.29E+06	7.75E-15	ND	ND	ND	ND	ND	ND
12-Jun-06	Truckhoe Operator	Tom Foust	1.26E+06	7.94E-15	ND	ND	ND	ND	ND	ND
13-Jun-06	Truck Driver	Gene English	1.23E+06	8.13E-15	ND	ND	ND	ND	ND	ND
13-Jun-06	Loader Operator	Mike Pattyn	1.25E+06	1.52E-13	ND	ND	ND	ND	ND	ND
19-Jun-06	Loader Operator	Mike Pattyn	1.29E+06	7.75E-15	ND	ND	ND	ND	ND	ND
20-Jun-06	Truck Driver	Gene English	1.14E+06	8.77E-15	ND	ND	ND	ND	ND	ND
21-Jun-06	Truckhoe Operator	Gary Hostetter	1.19E+06	8.40E-15	ND	ND	ND	ND	ND	ND
22-Jun-06	Truck Driver	Sam Finley	1.45E+06	6.90E-15	ND	ND	ND	ND	ND	ND
27-Jun-06	Truckhoe Operator	Randy Archer	1.46E+06	6.85E-15	ND	ND	2.40E-14	ND	ND	0.008
28-Jun-06	Truckhoe/Loader Op	Randy Archer	1.08E+06	9.26E-15	ND	ND	ND	ND	ND	ND
10-Jul-06	Truck Driver	Sam Finley	1.37E+06	7.30E-15	ND	ND	1.82E-14	ND	ND	0.006
11-Jul-06	Truck Driver	Gene English/C	1.57E+06	6.37E-15	ND	ND	ND	ND	ND	ND
12-Jul-06	Truck Driver	Mike Mariner	1.30E+06	7.69E-15	ND	ND	ND	ND	ND	ND
13-Jul-06	Truck Driver	Charlie Roberts	1.37E+06	7.30E-15	ND	ND	ND	ND	ND	ND
17-Jul-06	Truck Driver	Gene English	1.15E+06	1.66E-13	ND	ND	ND	ND	ND	ND
17-Jul-06	truck	Mike Mariner	1.44E+06	6.94E-15	ND	ND	ND	ND	ND	ND
18-Jul-06	Truck Driver	Sam Finley	1.29E+06	7.75E-15	ND	ND	ND	ND	ND	ND
19-Jul-06	Loader Operator	Gary Hostetter	1.23E+06	8.13E-15	ND	ND	ND	ND	ND	ND
20-Jul-06	Truck Driver	Mike Mariner	1.42E+06	7.04E-15	ND	ND	ND	ND	ND	ND

Date	Task	Individual	Volume (milliliters)	Sample Lower Limit of Detection (LLD) (microCurie per milliliter)	Natural Uranium (microCurie per milliliter)	Thorium-230 (microCurie per milliliter)	Radium-226 (microCurie per milliliter)	Natural Uranium % of DAC (Percent)	Thorium-230 % of DAC (Percent)	Radium-226 % of DAC (Percent)
24-Jul-06	Trackhoe Operator	Mike Pattyn	1.50E+06	6.67E-15	ND	ND	ND	ND	ND	ND
25-Jul-06	Truck Driver	Mike Mariner	1.28E+06	7.81E-15	ND	ND	ND	ND	ND	ND
27-Jul-06	Truck Driver	Gary Hostetter	1.04E+06	9.62E-15	ND	ND	ND	ND	ND	ND
27-Jul-06	Trackhoe Operator	Tom Foust	1.53E+06	6.54E-15	ND	ND	ND	ND	ND	ND
28-Jul-06	Loader Operator	Mike Pattyn	1.26E+06	7.94E-15	ND	ND	ND	ND	ND	ND
1-Aug-06	Trackhoe Operator	Tom Foust	1.74E+06	5.75E-15	ND	ND	ND	ND	ND	ND
2-Aug-06	Truck Driver	Sam Finley	1.11E+06	9.01E-15	ND	ND	ND	ND	ND	ND
3-Aug-06	Truck Driver	Sam Finley	1.14E+06	8.77E-15	ND	ND	ND	ND	ND	ND
7-Aug-06	Trackhoe Operator	Randy Archer	1.37E+06	7.30E-15	ND	ND	ND	ND	ND	ND
10-Aug-06	Truck Driver	Mike Mitchell	1.57E+06	6.37E-15	ND	ND	ND	ND	ND	ND
14-Aug-06	Truck Driver	Richard Durazo	5.53E+05	1.81E-14	ND	ND	ND	ND	ND	ND
29-Aug-06	Loader Operator	Sam Finley	1.38E+06	7.25E-15	ND	ND	ND	ND	ND	ND
30-Aug-06	Truck Driver	Mike Mitchell	1.51E+06	6.62E-15	ND	ND	ND	ND	ND	ND
31-Aug-06	Trackhoe Operator	Gary Hostetter	1.40E+06	7.14E-15	ND	ND	ND	ND	ND	ND
5-Sep-06	Truck Driver	Jake Bolte	1.51E+06	6.62E-15	ND	ND	ND	ND	ND	ND
6-Sep-06	Truck Driver	Mike Mitchell	1.13E+06	8.85E-15	ND	ND	ND	ND	ND	ND
7-Sep-06	Truck Driver	Gary Hostetter	1.01E+06	9.90E-15	ND	ND	ND	ND	ND	ND
11-Sep-06	Truck Driver	Richard Durazo	1.51E+06	6.62E-15	ND	ND	ND	ND	ND	ND
11-Sep-06	Truck Driver	Mike Mitchell	1.33E+06	7.52E-16	ND	ND	ND	ND	ND	ND
12-Sep-06	Trackhoe Operator	Tom Foust	1.54E+06	6.49E-15	ND	ND	ND	ND	ND	ND
13-Sep-06	Truck Driver	Mike Mariner	1.06E+06	9.43E-15	ND	ND	ND	ND	ND	ND
14-Sep-06	Dozer Operator	Mike Pattyn	1.43E+06	6.99E-15	ND	ND	ND	ND	ND	ND
18-Sep-06	Truck Driver	Jake Bolte	1.42E+06	7.04E-15	ND	ND	ND	ND	ND	ND
19-Sep-06	Truck Driver	Gary Hostetter	9.22E+05	1.08E-14	ND	ND	ND	ND	ND	ND
20-Sep-06	Trackhoe Operator	Randy Archer	1.23E+06	8.13E-15	ND	ND	ND	ND	ND	ND
21-Sep-06	Trackhoe Operator	Randy Archer	1.47E+06	6.80E-15	ND	ND	ND	ND	ND	ND
Average:			2.49E+06	2.71E-14	8.67E-14	4.39E-14	2.11E-14	4.34E-01	7.31E-01	7.03E-03

Notes: All results listed on the laboratory reports as being less than the specific sample's Lower Limit of Detection (LLD) are listed on this sheet as ND (non-detect).

The averages are conservative in that non-detect readings were not included in the averages.

Air sample results to date show that the excavation workers are unlikely to receive in excess of 10% of the applicable ALI thus individual monitoring of intakes is not required.

Derived Air Concentrations Used

	microCurie per milliliter	
Natural Uranium	2.00E-11	Year
Radium-226	3.00E-10	Week
Thorium-230	6.00E-12	Year

Kennecott Uranium Company										
Sweetwater Uranium Project										
Catchment Basin Excavation										
Breathing Zone Samples										
Date	Task	Individual	Volume (milliliters)	Sample Lower Limit of Detection (LLD) (microCurie per milliliter)	Natural Uranium (microCurie per milliliter)	Thorium-230 (microCurie per milliliter)	Radium-226 (microCurie per milliliter)	Natural Uranium - % of DAC (Percent)	Thorium-230 % of DAC (Percent)	Radium-226 % of DAC (Percent)
1-Mar-06	Truck Driver	Gene English	1.22E+06	8.20E-15	8.20E-15	5.74E-14	8.20E-15	0.041	0.957	0.003
8-Mar-06	Loader Operator	Mike Pattyn	9.33E+05	1.09E-14	5.79E-13	1.09E-14	1.09E-14	2.895	0.182	0.004
9-Mar-06	Truck Driver	Terry Romero	6.27E+05	1.62E-14	7.17E-14	1.62E-14	1.62E-14	0.359	0.270	0.005
15-Mar-06	Truck Driver	Gene English	8.01E+05	1.27E-14	2.50E-14	1.27E-14	1.27E-14	0.125	0.212	0.004
16-Mar-06	Truck Driver	Gary Hostetter	1.35E+06	7.51E-15	1.85E-14	7.51E-15	7.51E-15	0.093	0.125	0.003
20-Mar-06	Loader Operator	Mike Pattyn	1.52E+06	6.69E-15	1.32E-14	6.69E-15	6.69E-15	0.066	0.112	0.002
21-Mar-06	Truck Driver	Terry Romero	1.42E+06	7.13E-15	1.05E-14	7.13E-15	7.13E-15	0.053	0.119	0.002
22-Mar-06	Trackhoe Operator	Randy Archer	1.27E+06	7.97E-15	1.18E-14	7.97E-15	7.97E-15	0.059	0.133	0.003
27-Mar-06	Truck Driver	Gene English	1.26E+06	7.94E-15	7.94E-15	7.94E-15	7.94E-15	0.040	0.132	0.003
27-Mar-06	Loader Operator	Mike Pattyn	1.38E+06	7.25E-15	7.25E-15	2.90E-14	7.25E-15	0.036	0.483	0.002
29-Mar-06	Truck Driver	Terry Romero	5.99E+05	1.67E-14	1.67E-14	1.67E-14	1.67E-14	0.084	0.278	0.006
30-Mar-06	Loader Operator	Randy Archer	1.18E+06	8.47E-15	8.47E-15	3.39E-14	8.47E-15	0.042	0.565	0.003
3-Apr-06	Truck Driver	Terry Romero	1.29E+06	7.75E-15	7.75E-15	7.75E-15	7.75E-15	0.039	0.129	0.003
5-Apr-06	Loader Operator	Mike Pattyn	1.08E+06	9.26E-15	9.26E-15	9.26E-15	9.26E-15	0.046	0.154	0.003
6-Apr-06	Truck Driver	Terry Romero	1.19E+08	8.40E-15	8.40E-15	8.40E-15	8.40E-15	0.042	0.140	0.003
10-Apr-06	Water Truck Operator	Mike Pattyn	1.20E+06	8.33E-15	8.33E-15	3.33E-14	8.33E-15	0.042	0.555	0.003
12-Apr-06	Trackhoe Operator	Tom Foust	1.29E+06	7.75E-15	7.75E-15	7.75E-15	7.75E-15	0.039	0.129	0.003
17-Apr-06	Trackhoe Operator	Tom Foust	6.41E+05	1.56E-14	1.56E-14	1.56E-14	1.56E-14	0.078	0.260	0.005
17-Apr-06	Truck Driver	Randy Archer	7.54E+05	1.33E-14	1.33E-14	6.63E-14	1.33E-14	0.067	1.105	0.004
19-Apr-06	Truck Driver	Gene English	1.50E+06	6.67E-15	6.67E-15	6.67E-15	6.67E-15	0.033	0.111	0.002
19-Apr-06	Backhoe Operator	Tom Foust	1.09E+06	9.17E-15	9.17E-15	1.28E-13	9.17E-15	0.046	2.133	0.003
20-Apr-06	Truck Driver	Gary Hostetter	1.23E+06	8.13E-15	1.63E-14	8.13E-15	8.13E-15	0.082	0.136	0.003
20-Apr-06	Loader Operator	Mike Pattyn	8.97E+05	1.11E-14	1.11E-14	1.11E-14	1.11E-14	0.056	0.185	0.004
24-Apr-06	Truck Driver	Randy Archer	1.27E+06	7.87E-15	3.45E-14	7.87E-15	7.87E-15	0.173	0.131	0.003
24-Apr-06	Loader Operator	Mike Pattyn	1.12E+06	8.93E-15	8.93E-15	8.93E-15	8.93E-15	0.045	0.149	0.003
25-Apr-06	Truck Driver	Gene English	1.38E+06	7.25E-15	7.25E-15	3.26E-14	7.25E-15	0.036	0.543	0.002
25-Apr-06	Trackhoe Operator	Tom Foust	1.22E+06	8.20E-15	8.20E-15	8.20E-15	8.20E-15	0.041	0.137	0.003
26-Apr-06	Trackhoe Operator	Tom Foust	1.31E+06	7.63E-15	7.63E-15	7.63E-15	7.63E-15	0.038	0.127	0.003
26-Apr-06	Truck Driver	Gary Hostetter	1.08E+06	9.26E-15	9.26E-15	9.26E-15	9.26E-15	0.046	0.154	0.003
1-May-06	Loader Operator	Mike Pattyn	1.47E+06	6.80E-15	6.80E-15	6.80E-15	6.80E-15	0.034	0.113	0.002
1-May-06	Truck Driver	Gary Hostetter	1.39E+06	7.19E-15	7.19E-15	1.80E-14	7.19E-15	0.036	0.300	0.002
2-May-06	Truck Driver	Gene English	1.24E+06	8.06E-15	8.06E-15	1.61E-14	8.06E-15	0.040	0.268	0.003
2-May-06	Truckhoe Operator	Randy Archer	1.50E+06	6.68E-15	6.68E-15	6.68E-15	6.68E-15	0.033	0.111	0.002
3-May-06	Truckhoe Operator	Randy Archer	1.53E+06	6.54E-15	6.54E-15	6.54E-15	6.54E-15	0.033	0.109	0.002
3-May-06	Truck Driver	Gary Hostetter	1.25E+06	8.01E-15	8.01E-15	2.40E-14	8.01E-15	0.040	0.400	0.003
8-May-06	Truck Driver	Mike Mariner	1.55E+06	6.45E-15	6.45E-15	6.45E-15	6.45E-15	0.032	0.108	0.002
8-May-06	Truck Driver	Gary Hostetter	1.45E+06	6.90E-15	6.90E-15	6.90E-15	6.90E-15	0.035	0.115	0.002
9-May-06	Truck Driver	Gary Hostetter	8.32E+05	1.20E-14	1.20E-14	1.20E-14	1.20E-14	0.060	0.200	0.004
10-May-06	Truck Driver	Gene English	1.35E+06	7.41E-15	7.41E-15	7.41E-15	7.41E-15	0.037	0.124	0.002
11-May-06	Loader Operator	Mike Pattyn	1.51E+06	6.62E-15	6.62E-15	6.62E-15	6.62E-15	0.033	0.110	0.002
15-May-06	Truckhoe Operator	Randy Archer	1.50E+06	6.67E-15	6.67E-15	6.67E-15	6.67E-15	0.033	0.111	0.002
16-May-06	Truck Driver	Gene English	1.41E+06	1.35E-13	1.35E-13	1.35E-13	1.35E-13	0.675	2.250	0.045
17-May-06	Truckhoe Operator	Tom Foust	1.42E+06	1.34E-13	1.34E-13	1.34E-13	1.34E-13	0.670	2.233	0.045
18-May-06	Loader Operator	Mike Pattyn	1.13E+06	1.68E-13	1.68E-13	1.68E-13	1.68E-13	0.840	2.800	0.056
22-May-06	Truck Driver	Mike Mariner	7.63E+05	2.49E-13	2.49E-13	2.49E-13	2.49E-13	1.245	4.150	0.083
22-May-06	Truck Driver	Gary Hostetter	1.15E+06	1.65E-13	1.65E-13	1.65E-13	1.65E-13	0.825	2.750	0.055
23-May-06	Loader Operator	Mike Pattyn	1.48E+06	1.28E-13	1.28E-13	1.28E-13	1.28E-13	0.640	2.133	0.043
24-May-06	Truck Driver	Charlie Roberts	1.41E+06	1.35E-13	1.35E-13	1.35E-13	1.35E-13	0.675	2.250	0.045
30-May-06	Truck Driver	Gene English	1.20E+06	1.67E-13	1.67E-13	1.67E-13	1.67E-13	0.835	2.783	0.056
30-May-06	Truck Driver	Gary Hostetter	1.20E+06	1.67E-13	1.67E-13	1.67E-13	1.67E-13	0.835	2.783	0.056
31-May-06	Truck Driver	Gary Hostetter	1.36E+06	1.40E-13	1.40E-13	1.40E-13	1.40E-13	0.700	2.333	0.047
7-Jun-06	Truck Driver	Mike Mariner	1.29E+06	7.75E-15	7.75E-15	7.75E-15	7.75E-15	0.039	0.129	0.003
12-Jun-06	Truckhoe Operator	Tom Foust	1.26E+06	7.94E-15	7.94E-15	7.94E-15	7.94E-15	0.040	0.132	0.003
13-Jun-06	Truck Driver	Gene English	1.23E+06	8.13E-15	8.13E-15	8.13E-15	8.13E-15	0.041	0.136	0.003
13-Jun-06	Loader Operator	Mike Pattyn	1.25E+06	1.52E-13	1.52E-13	1.52E-13	1.52E-13	0.760	2.533	0.051
19-Jun-06	Loader Operator	Mike Pattyn	1.29E+06	7.75E-15	7.75E-15	7.75E-15	7.75E-15	0.039	0.129	0.003
20-Jun-06	Truck Driver	Gene English	1.14E+06	8.77E-15	8.77E-15	8.77E-15	8.77E-15	0.044	0.146	0.003
21-Jun-06	Truckhoe Operator	Gary Hostetter	1.19E+06	8.40E-15	8.40E-15	8.40E-15	8.40E-15	0.042	0.140	0.003
22-Jun-06	Truck Driver	Sam Finley	1.45E+06	6.90E-15	6.90E-15	6.90E-15	6.90E-15	0.035	0.115	0.002
27-Jun-06	Truckhoe Operator	Randy Archer	1.46E+06	6.85E-15	6.85E-15	6.85E-15	2.40E-14	0.034	0.114	0.008
28-Jun-06	Truckhoe/Loader Op	Randy Archer	1.08E+06	9.26E-15	9.26E-15	9.26E-15	9.26E-15	0.046	0.154	0.003
10-Jul-06	Truck Driver	Sam Finley	1.37E+06	7.30E-15	7.30E-15	7.30E-15	1.82E-14	0.037	0.122	0.006
11-Jul-06	Truck Driver	Gene English/Charl	1.57E+06	6.37E-15	6.37E-15	6.37E-15	6.37E-15	0.032	0.106	0.002
12-Jul-06	Truck Driver	Mike Mariner	1.30E+06	7.69E-15	7.69E-15	7.69E-15	7.69E-15	0.038	0.128	0.003
13-Jul-06	Truck Driver	Charlie Roberts	1.37E+06	7.30E-15	7.30E-15	7.30E-15	7.30E-15	0.037	0.122	0.002
17-Jul-06	Truck Driver	Gene English	1.15E+06	1.66E-13	1.66E-13	1.66E-13	1.66E-13	0.830	2.767	0.055
17-Jul-06	truck	Mike Mariner	1.44E+06	6.94E-15	6.94E-15	6.94E-15	6.94E-15	0.035	0.116	0.002
18-Jul-06	Truck Driver	Sam Finley	1.29E+06	7.75E-15	7.75E-15	7.75E-15	7.75E-15	0.039	0.129	0.003
19-Jul-06	Loader Operator	Gary Hostetter	1.23E+06	8.13E-15	8.13E-15	8.13E-15	8.13E-15	0.041	0.136	0.003
20-Jul-06	Truck Driver	Mike Mariner	1.42E+06	7.04E-15	7.04E-15	7.04E-15	7.04E-15	0.035	0.117	0.002

Date	Task	Individual	Volume (milliliters)	Sample Lower Limit of Detection (LLD) (microCurie per milliliter)	Natural Uranium (microCurie per milliliter)	Thorium-230 (microCurie per milliliter)	Radium-226 (microCurie per milliliter)	Natural Uranium - % of DAC (Percent)	Thorium-230 % of DAC (Percent)	Radium-226 % of DAC (Percent)
24-Jul-06	Trackhoe Operator	Mike Pattyn	1.50E+06	6.67E-15	6.67E-15	6.67E-15	6.67E-15	0.033	0.111	0.002
25-Jul-06	Truck Driver	Mike Mariner	1.28E+06	7.81E-15	7.81E-15	7.81E-15	7.81E-15	0.039	0.130	0.003
27-Jul-06	Truck Driver	Gary Hostetter	1.04E+06	9.62E-15	9.62E-15	9.62E-15	9.62E-15	0.048	0.160	0.003
27-Jul-06	Trackhoe Operator	Tom Foust	1.53E+06	6.54E-15	6.54E-15	6.54E-15	6.54E-15	0.033	0.109	0.002
28-Jul-06	Loader Operator	Mike Pattyn	1.26E+06	7.94E-15	7.94E-15	7.94E-15	7.94E-15	0.040	0.132	0.003
1-Aug-06	Trackhoe Operator	Tom Foust	1.74E+06	5.75E-15	5.75E-15	5.75E-15	5.75E-15	0.029	0.096	0.002
2-Aug-06	Truck Driver	Sam Finley	1.11E+06	9.01E-15	9.01E-15	9.01E-15	9.01E-15	0.045	0.150	0.003
3-Aug-06	Truck Driver	Sam Finley	1.14E+06	8.77E-15	8.77E-15	8.77E-15	8.77E-15	0.044	0.146	0.003
7-Aug-06	Trackhoe Operator	Randy Archer	1.37E+06	7.30E-15	7.30E-15	7.30E-15	7.30E-15	0.037	0.122	0.002
10-Aug-06	Truck Driver	Mike Mitchell	1.57E+06	6.37E-15	6.37E-15	6.37E-15	6.37E-15	0.032	0.106	0.002
14-Aug-06	Truck Driver	Richard Durazo	5.53E+05	1.81E-14	1.81E-14	1.81E-14	1.81E-14	0.091	0.302	0.006
29-Aug-06	Loader Operator	Sam Finley	1.38E+06	7.25E-15	7.25E-15	7.25E-15	7.25E-15	0.036	0.121	0.002
30-Aug-06	Truck Driver	Mike Mitchell	1.51E+06	6.62E-15	6.62E-15	6.62E-15	6.62E-15	0.033	0.110	0.002
31-Aug-06	Trackhoe Operator	Gary Hostetter	1.40E+06	7.14E-15	7.14E-15	7.14E-15	7.14E-15	0.036	0.119	0.002
5-Sep-06	Truck Driver	Jake Bolte	1.51E+06	6.62E-15	6.62E-15	6.62E-15	6.62E-15	0.033	0.110	0.002
6-Sep-06	Truck Driver	Mike Mitchell	1.13E+06	8.85E-15	8.85E-15	8.85E-15	8.85E-15	0.044	0.148	0.003
7-Sep-06	Truck Driver	Gary Hostetter	1.01E+06	9.90E-15	9.90E-15	9.90E-15	9.90E-15	0.050	0.165	0.003
11-Sep-06	Truck Driver	Richard Durazo	1.51E+06	6.62E-15	6.62E-15	6.62E-15	6.62E-15	0.033	0.110	0.002
11-Sep-06	Truck Driver	Mike Mitchell	1.33E+06	7.52E-16	7.52E-16	7.52E-16	7.52E-16	0.004	0.013	0.000
12-Sep-06	Trackhoe Operator	Tom Foust	1.54E+06	6.49E-15	6.49E-15	6.49E-15	6.49E-15	0.032	0.108	0.002
13-Sep-06	Truck Driver	Mike Mariner	1.06E+06	9.43E-15	9.43E-15	9.43E-15	9.43E-15	0.047	0.157	0.003
14-Sep-06	Dozer Operator	Mike Pattyn	1.43E+06	6.99E-15	6.99E-15	6.99E-15	6.99E-15	0.035	0.117	0.002
18-Sep-06	Truck Driver	Jake Bolte	1.42E+06	7.04E-15	7.04E-15	7.04E-15	7.04E-15	0.035	0.117	0.002
19-Sep-06	Truck Driver	Gary Hostetter	9.22E+05	1.08E-14	1.08E-14	1.08E-14	1.08E-14	0.054	0.180	0.004
20-Sep-06	Trackhoe Operator	Randy Archer	1.23E+06	8.13E-15	8.13E-15	8.13E-15	8.13E-15	0.041	0.136	0.003
21-Sep-06	Trackhoe Operator	Randy Archer	1.47E+06	6.80E-15	6.80E-15	6.80E-15	6.80E-15	0.034	0.113	0.002
Average:			2.49E+06	2.71E-14	3.43E-14	3.08E-14	2.74E-14	1.72E-01	5.13E-01	9.13E-03

Notes: All results listed on the laboratory reports as being less than the specific sample's Lower Limit of Detection (LLD) are entered at the LLD value.

Air sample results to date show that the excavation workers are unlikely to receive in excess of 10% of the applicable ALI thus individual monitoring of intakes is not required.

Derived Air Concentrations Used

	microCurie per milliliter	
Natural Uranium	2.00E-11	Year
Radium-226	3.00E-10	Week
Thorium-230	6.00E-12	Year

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

21 February 2007

To: NRC File

Subject: Bioassay Assessment

A review of the monthly urinalysis sample results for the Mill Foreman, Senior Facility Technician, Facility Supervisor and urine analysis sample results of contract and site employees working inside the restricted area in 2006 shows that all results are well below the first action level of 15 µg/L. In fact, all urinalysis results for the year 2006 were less than the lower limit of detection (LLD) of 5.0 µg/liter.

Site employees entering the restricted areas were bioassayed monthly. Contract employees working on site who could potentially contact contaminated materials were bioassayed prior to the commencement of work and monthly while working on the site. If an employee ceased to work on the site, a final bioassay was collected.

Please see attached summary of 2006 urinalysis data.

Oscar A Paulson

Oscar A. Paulson
Facility Supervisor

KENNECOTT URANIUM COMPANY

URINANALYSIS RESULTS : 2006

EMPLOYEE TITLE	EMPLOYER	January	February	March	April	May	June	July	August	September	October	November	December	LLD
FACILITY SUPERVISOR	KENNECOTT URANIUM COMPANY	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
MILL FOREMAN	KENNECOTT URANIUM COMPANY	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
SR. FACILITY TECHNICIAN	KENNECOTT URANIUM COMPANY	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
CONTRACT EMPLOYEE NAME														
Randy Archer	ARCHER CONSTRUCTION, INC. *	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Tom Foust	ARCHER CONSTRUCTION, INC. *	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Mike Pattyn	ARCHER CONSTRUCTION, INC. *	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0		5.0
Gary Hostetter	ARCHER CONSTRUCTION, INC. *	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Gene English	ARCHER CONSTRUCTION, INC. *	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0						5.0
Terry Romero	ARCHER CONSTRUCTION, INC. *	<5.0	<5.0	<5.0	<5.0									5.0
Stacy Lawson	ARCHER CONSTRUCTION, INC. *	<5.0	<5.0	<5.0	<5.0									5.0
Mike Mariner	ARCHER CONSTRUCTION, INC. *				<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Charlie Roberts	ARCHER CONSTRUCTION, INC. *					<5.0	<5.0	<5.0	<5.0	<5.0				5.0
Sam Finley	ARCHER CONSTRUCTION, INC. *						<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Mike Mitchell	ARCHER CONSTRUCTION, INC. *								<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Richard Durazo	ARCHER CONSTRUCTION, INC. *								<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Jake Bolte	ARCHER CONSTRUCTION, INC. *								<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Edwin Erickson	ARCHER CONSTRUCTION, INC. *	<5.0												5.0
Gary Schuler	ARCHER CONSTRUCTION, INC. *										<5.0	<5.0		5.0
Tony Johnston	ARCHER CONSTRUCTION, INC. *										<5.0	<5.0	<5.0	5.0
Kenneth Aurell	ARCHER CONSTRUCTION, INC. *												<5.0	5.0
Phil LaVoie	ARCHER CONSTRUCTION, INC. *												<5.0	5.0
Anita Morris	ROBERT JACK SMITH AND ASSOCIATES **	<5.0	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Jim McMacken	SECURITAS ***		<5.0	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Ray Grate	SECURITAS ***				<5.0		<5.0							5.0
Kathryn Harrison	SECURITAS ***									<5.0		<5.0		5.0

Notes: Contract security guards were tested when on site in spite of the fact that they did not enter the restricted area.

Pre-job bioassays were collected on new personnel and final bioassays were collected on personnel leaving the job site.

No longer employed by contractor.

Not on site during month

Not yet hired

Did pre-job bioassay/Never started work

Off work due to surgery.

All samples tested by:

ENERGY LABORATORIES, INC.

All samples below first action level.

At least a high and low spike sent with each batch.

Some batches sent with a Blank, as well.

*Catchment Basin Excavation

** Surveying

*** Security

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

7 February 2007

Gamma Radiation Monitoring File

Subject: External Gamma Radiation Survey Assessment

In 2006, gamma surveys of the mill and ion exchange areas were conducted on June 14 and December 21, 2006. A gamma survey of the disposal area in the tailings impoundment was conducted on June 21 and December 21, 2006.

There were twenty-six (26) locations throughout the mill and solvent extraction buildings and fourteen (14) locations associated with the IX in June 2006 and eighteen (18) locations associated with the IX in December 2006 that were monitored for gamma radiation.

Gamma readings ranged from 51.4 to 679 µR/hour (233-µR/hr average for the year) for the Ion Exchange related equipment, to 12.7 to 875 µR/hour (73 µR/hr average for the year) in the Mill and Solvent Extraction (SX) Buildings.

The stored equipment was monitored as well on 6/14/06 and 12/21/06. The stored equipment ranged from 14.5 to 2780 µR/hr at thirty (30) centimeters from the equipment surface, averaging 563.8 µR/hr at thirty (30) centimeters from the equipment surface. The stored equipment exhibited a higher average reading than the existing mill equipment, with the overall effect of slightly increasing gamma doses in the mill in areas where the equipment is stored.

None of the stored equipment exhibited dose rates sufficient to require posting under 10 CFR 20.1003. The highest measured gamma dose rate at 30 centimeters from any piece of equipment was 2.78 millirems/hour (.0028 rems/hr.) in front of a stored pressure vessel (assuming a 1:1 relationship between milli Roentgens and millirems for gamma radiation). Employees and contract personnel have been instructed to avoid certain pieces of stored equipment (pressure vessels) in the mill that exhibit the highest levels of gamma radiation. The area in which the pressure vessels are stored in the mill has been identified.

Two gamma surveys were completed in the tailings impoundment on June 21 and December 21, 2006. This area averaged 68.8 µR/hr. (Please see attached table.) This is a substantial decrease from the average of 102.3 µR/hr in 2005. This is due to the shielding effect of the material excavated from the Catchment Basin area, which has a lower radium concentration than the tailings being placed over them. These materials effectively shield gamma radiation from the tailings.

Gamma surveys were also performed in the Catchment Basin excavation on April 20, May 16 and June 6, 2006. They averaged 68.1 µR/hr for 253 total readings. This average is inclusive of natural background.

Gamma radiation levels from the stored resin in the thickener in the Counter Current Decantation (CCD) area of the mill are tracked. The levels remain low. The results of the monitoring are included on the attached table entitled "Stored Resin Gamma Radiation Monitoring Results".

In spite of the fact that personal monitoring of dose at the site is not required due to the demonstrated low doses to individuals, personal external dosimeters were issued to siste and contract personnel. The maximum annual external dose above background received by any individual as measured by Luxel dosimeters was 7 millirems.

An assessment of dose (external and internal) to the maximally exposed individual (the Mill Foreman) demonstrating the lack of need for individual monitoring under 10 CFR 20.1502 is maintained on file on site.

Oscar A Paulson

Oscar Paulson

Kennecott Uranium Company
Sweetwater Uranium Project
Stored Resin

Stored Resin Gamma Radiation Monitoring Results			
Date	Gamma		
	Top	Bottom	
	(uR/hr)	(uR/hr)	
28-Apr-98	25	60	
8-Oct-98	22	160	
12-May-99	19	60	
17-Nov-99	45	90	
21-May-00	30	70	
21-Dec-00	40	70	
20-Jun-01	40	65	
26-Dec-01	90	80	
24-Jun-02	60	80	
23-Dec-02	14	60	
25-Jun-03	20	60	
16-Dec-03	41.8	71.7	
28-Jun-04	57.8	152	
16-Dec-04	28.7	110	
8-Jun-05	18	120	
22-Dec-05	53.4	262	
14-Jun-06	32.7	125	
21-Dec-06	50.1	117	
Average	38.2	100.7	
Standard Deviation:	19.2	51.5	
OAP:2006			
resin0001.xls			

Kennecott Uranium Company
Sweetwater Uranium Project

Tailings Impoundment Gamma Radiation Survey

Date:	21-Jun-06	Rate meter:	Ludlum Model 2350-1
Time:	01:00 PM	Serial Number:	192613
		Calibration Date:	13-Feb-06
Check Source:	Cs-137	Probe:	Ludlum Model: 44-10
		Serial Number:	PR206932
Serial Number:	2304	Calibration Date:	12-Feb-06
Counts:	266 microR/hour	Background:	28.6 microR/hour

Location		Reading	
Ramp Area	Ramp Top	96.0	microR/hour
Ramp Area	Ramp Middle	101.0	microR/hour
Ramp Area	Ramp Middle	109.0	microR/hour
Ramp Area	Ramp Middle	99.4	microR/hour
Ramp Area	Ramp Middle	84.7	microR/hour
Ramp Area	Ramp Bottom	73.8	microR/hour
Road by Equipment	Road by Equipment	78.4	microR/hour
Road by Equipment	Road by Equipment	77.9	microR/hour
Road by Equipment	Road by Equipment	106.0	microR/hour
Road by Equipment	Road by Equipment	102.0	microR/hour
Road by Equipment	Road by Equipment	84.8	microR/hour
Road by Equipment	Road by Equipment	71.8	microR/hour
Road by Equipment	Road by Equipment	65.6	microR/hour
Road by Equipment	Road by Equipment	73.3	microR/hour
Road by Equipment	Road by Equipment	49.0	microR/hour
South to Main Ramp	Road by Equipment	54.4	microR/hour
Storage Area	Storage Area	80.8	microR/hour
Storage Area	Storage Area	52.6	microR/hour
Storage Area	Storage Area	45.6	microR/hour
Storage Area	Storage Area	42.7	microR/hour
Storage Area	Storage Area	49.9	microR/hour
Storage Area	Storage Area	63.6	microR/hour
Storage Area	Storage Area	102.0	microR/hour
Main Ramp	Main Ramp	67.1	microR/hour
Main Ramp	Main Ramp	62.0	microR/hour
Main Ramp	Main Ramp	57.5	microR/hour
Main Ramp	Main Ramp	60.0	microR/hour
Main Ramp	Main Ramp	58.8	microR/hour
Main Ramp	Main Ramp	77.6	microR/hour
Main Ramp	Main Ramp	184.0	microR/hour
Main Ramp	By East Embankment	171.0	microR/hour
Along East Embankment	South	142.0	microR/hour
Along East Embankment	Middle	96.7	microR/hour
Along East Embankment	Middle	63.6	microR/hour
Along East Embankment	Middle	73.6	microR/hour
Along East Embankment	Middle	71.0	microR/hour
Along East Embankment	Middle	90.5	microR/hour
Along East Embankment	Middle	174.0	microR/hour
Along East Embankment	North	150.0	microR/hour
Main Road South of Pad	Main Road South of Pad	150.0	microR/hour
Main Road South of Pad	Main Road South of Pad	159.0	microR/hour
Main Road South of Pad	Main Road South of Pad	106.0	microR/hour
Main Road South of Pad	Main Road South of Pad	130.0	microR/hour
Main Road South of Pad	Main Road South of Pad	125.0	microR/hour
Main Road South of Pad	Main Road South of Pad	111.0	microR/hour
Main Road South of Pad	Main Road South of Pad	122.0	microR/hour
Main Road South of Pad	Main Road South of Pad	119.0	microR/hour
Main Pad	Main Pad	56.8	microR/hour

Location			Reading	
Main Pad	Main Pad		55.1	microR/hour
Main Pad	Main Pad		43.8	microR/hour
Main Pad	Main Pad		41.7	microR/hour
Main Pad	Main Pad		49.9	microR/hour
Main Pad	Main Pad		43.7	microR/hour
Main Pad	Main Pad		54.7	microR/hour
Main Pad	Main Pad		39.5	microR/hour
Main Pad	Main Pad		48.5	microR/hour
Main Pad	Main Pad		46.0	microR/hour
Main Pad	Main Pad		44.7	microR/hour
Main Pad	Main Pad		48.7	microR/hour
Main Pad	Main Pad		42.8	microR/hour
Main Pad	Main Pad		44.5	microR/hour
Main Pad	Main Pad		55.4	microR/hour
Main Pad	Main Pad		53.0	microR/hour
Main Pad	Main Pad		52.9	microR/hour
Main Pad	Main Pad		45.2	microR/hour
Main Pad	Main Pad		47.9	microR/hour
Main Pad	Main Pad		45.7	microR/hour
Main Pad	Main Pad		51.5	microR/hour
Main Pad	Main Pad		41.5	microR/hour
Main Pad	Main Pad		46.2	microR/hour
Main Pad	Main Pad		54.2	microR/hour
Main Pad	Main Pad		61.7	microR/hour
Main Pad	Main Pad		61.0	microR/hour
Main Pad	Main Pad		60.4	microR/hour
Main Pad	Main Pad		57.2	microR/hour
Main Ramp	Bottom		51.4	microR/hour
Main Ramp	Middle		57.5	microR/hour
Main Ramp	Middle		52.8	microR/hour
Main Ramp	Middle		53.9	microR/hour
Main Ramp	Middle		54.1	microR/hour
Main Ramp	Middle		48.9	microR/hour
Main Ramp	Middle		49.9	microR/hour
Main Ramp	Middle		53.5	microR/hour
Main Ramp	Middle		54.2	microR/hour
Main Ramp	Middle		49.7	microR/hour
Main Ramp	Middle		48.5	microR/hour
Main Ramp	Middle		47.5	microR/hour
Main Ramp	Middle		45.3	microR/hour
Main Ramp	Middle		44.5	microR/hour
Main Ramp	Middle		43.0	microR/hour
Main Ramp	Middle		42.6	microR/hour
Main Ramp	Middle		41.6	microR/hour
Main Ramp	Top		41.8	microR/hour
	Average:		75.3	
	Standard Deviation:		35.0	
	Median:		81.4	
	Maximum:		184.0	
	Minimum:		39.5	

Kennecott Uranium Company
Sweetwater Uranium Project

Tailings Impoundment Gamma Radiation Survey

Date:	21-Dec-06	Rate meter:	Ludlum Model 2350-1
Time:	01:00 PM	Serial Number:	192613
		Calibration Date:	08-Dec-06
Check Source:	Cs-137	Probe:	Ludlum Model: 44-10
		Serial Number:	PR206932
Serial Number:	2304	Calibration Date:	08-Dec-06
Counts:	267 microR/hour	Background:	20.3 microR/hour

Location		Reading	
Ramp Area	Ramp Top	101.0	microR/hour
Ramp Area	Ramp Middle	102.0	microR/hour
Ramp Area	Ramp Middle	106.0	microR/hour
Ramp Area	Ramp Middle	112.0	microR/hour
Ramp Area	Ramp Middle	100.0	microR/hour
Ramp Area	Ramp Middle	98.1	microR/hour
Ramp Area	Ramp Middle	89.0	microR/hour
Ramp Area	Ramp Middle	73.6	microR/hour
Ramp Area	Ramp Bottom	76.8	microR/hour
Road	West End	76.3	microR/hour
Road	Middle	70.0	microR/hour
Road	Middle	79.4	microR/hour
Road	Middle	78.9	microR/hour
Road	Middle	108.0	microR/hour
Road	Middle	109.0	microR/hour
Road	Middle	82.0	microR/hour
Road	Middle	80.8	microR/hour
Road	Middle	74.8	microR/hour
Road	Middle	74.2	microR/hour
Road	East End	67.4	microR/hour
Storage Area	Storage Area	66.3	microR/hour
Storage Area	Storage Area	70.5	microR/hour
Storage Area	Storage Area	77.3	microR/hour
Storage Area	Storage Area	57.4	microR/hour
Storage Area	Storage Area	49.4	microR/hour
Storage Area	Storage Area	53.3	microR/hour
Storage Area	Storage Area	54.5	microR/hour
Northeast Fill Area	West Side	71.1	microR/hour
Northeast Fill Area		60.7	microR/hour
Northeast Fill Area		58.2	microR/hour
Northeast Fill Area		57.8	microR/hour
Northeast Fill Area		55.7	microR/hour
Northeast Fill Area		54.7	microR/hour
Northeast Fill Area		50.5	microR/hour
Northeast Fill Area		56.5	microR/hour
Northeast Fill Area		59.4	microR/hour
Northeast Fill Area		54.9	microR/hour
Northeast Fill Area		51.8	microR/hour
Northeast Fill Area		48.7	microR/hour
Northeast Fill Area		46.1	microR/hour
Northeast Fill Area		56.6	microR/hour
Northeast Fill Area		50.0	microR/hour
Northeast Fill Area		51.5	microR/hour
Northeast Fill Area		42.2	microR/hour
Northeast Fill Area		50.4	microR/hour
Northeast Fill Area		63.0	microR/hour
Northeast Fill Area		55.7	microR/hour
Northeast Fill Area		56.5	microR/hour
Northeast Fill Area	South End	72.4	microR/hour
Main Road		55.6	microR/hour
Main Road		56.2	microR/hour
Main Road		57.1	microR/hour
Main Road		54.9	microR/hour

Location			Reading	
Main Road			58.3	microR/hour
Main Road	East End		105.0	microR/hour
Main Pad	Main Pad		56.4	microR/hour
Main Pad	Main Pad		57.6	microR/hour
Main Pad	Main Pad		45.6	microR/hour
Main Pad	Main Pad		44.9	microR/hour
Main Pad	Main Pad		49.9	microR/hour
Main Pad	Main Pad		54.4	microR/hour
Main Pad	Main Pad		58.4	microR/hour
Main Pad	Main Pad		56.6	microR/hour
Main Pad	Main Pad		47.8	microR/hour
Main Pad	Main Pad		38.4	microR/hour
Main Pad	Main Pad		51.3	microR/hour
Road South of Pad	North End		47.2	microR/hour
Road South of Pad			43.2	microR/hour
Road South of Pad			44.4	microR/hour
Road South of Pad			49.6	microR/hour
Road South of Pad			45.2	microR/hour
Road South of Pad			46.8	microR/hour
Road South of Pad			48.5	microR/hour
Road South of Pad			50.8	microR/hour
Road South of Pad	South End		67.8	microR/hour
Main Pad			43.6	microR/hour
Main Pad			48.6	microR/hour
Main Pad			47.8	microR/hour
Main Pad			45.3	microR/hour
Main Pad			48.7	microR/hour
Main Pad			53.1	microR/hour
Main Pad			51.9	microR/hour
Main Pad			48.9	microR/hour
Main Pad			53.1	microR/hour
Main Pad			51.0	microR/hour
Main Pad			49.6	microR/hour
Main Pad			60.4	microR/hour
Main Pad			48.2	microR/hour
Main Pad			48.8	microR/hour
Main Pad			50.1	microR/hour
Main Pad			52.0	microR/hour
Main Pad			52.4	microR/hour
Main Pad			64.0	microR/hour
Main Pad			64.2	microR/hour
Main Pad			64.9	microR/hour
Main Pad	West End		50.6	microR/hour
Main Ramp	Bottom		41.8	microR/hour
Main Ramp			62.0	microR/hour
Main Ramp			60.3	microR/hour
Main Ramp			54.8	microR/hour
Main Ramp			57.3	microR/hour
Main Ramp			61.4	microR/hour
Main Ramp			56.1	microR/hour
Main Ramp			56.6	microR/hour
Main Ramp			54.6	microR/hour
Main Ramp			54.6	microR/hour
Main Ramp			48.7	microR/hour
Main Ramp			47.9	microR/hour
Main Ramp			48.6	microR/hour
Main Ramp			44.2	microR/hour
Main Ramp			47.4	microR/hour
Main Ramp	Top		48.8	microR/hour
	Average:		62.3	
	Standard Deviation:		18.0	
	Median:		81.4	
	Maximum:		112.0	
	Minimum:		38.4	

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

7 February 2007

Radon Monitoring File

Subject: Radon Daughter Monitoring Assessment

In 2006 radon daughter monitoring was conducted on June 12 and December 17-19, 2006.

At least twelve (12) locations throughout the mill and three (3) locations around the IX were sampled for radon daughters. In addition, locations in the Security Trailer and Administration Building were sampled for radon daughters. Radon daughter concentrations (in working levels) were at low levels, ranging from 0.001 to 0.005 WL in the Ion Exchange area (average: 0.0081) and 0.002 to 0.051 WL in the Mill Building (average: 0.03). The ventilation fan operated continuously in the Solvent Extraction (SX) Building. Radon levels varied in the SX building from 0.012 to 0.079 WL, averaging 0.015 WL in June 2006 and 0.07 WL in December 2006. Radon concentrations have not exceeded the 0.08 WL thresholds in the SX Building which would require weekly monitoring. The fan continues to be effective in controlling radon daughter concentrations.

Radon daughter concentrations were measured in June and December 2006 in the Security Trailer to assist in determining an equilibrium factor for the area, for use in calculating dose to the nearest resident.

Radon daughters were sampled and analyzed using the modified Kusnetz method.

Two (2) RadTrak radon monitors were placed above and beneath the Number 1 Counter-Current Decantation (CCD) tank in the Mill during all four quarters of 2006 to monitor radon levels associated with the used ion exchange resin stored in the Number 1 CCD tank. Radon concentrations below the tank varied from 2.7 to 3.7 pCi/L. Radon concentrations on top of the tank varied from 2.0 to 3.5 pCi/L. These values are at background levels since upwind radon concentrations for the facility varied from 2.6 to 4.6 pCi/L during 2006, as shown in the table below:

2006 Radon Concentrations

Quarter	Bottom of CCD#1 (pCi/L)	Top of CCD#1 (pCi/L)	Upwind (Background) (pCi/L)
1st	3.0	3.0	2.6
2nd	2.7	2.0	4.6
3rd	2.7	2.4	3.6
4th	3.7	3.5	3.5
Average	3.02	2.73	3.58

Notes: 1. Radon daughter concentrations at the top and bottom of CCD#1 were low, ranging from ND to 0.043 WL.

A history of the RadTrak results and the radon daughter sampling results is included on the attached tables entitled "Stored Resin RadTrak Monitoring Results" and "Stored Resin Radon Monitoring Results".

Oscar A Paulson
Oscar Paulson

Kennecott Uranium Company
Sweetwater Uranium Project
Stored Resin

Stored Resin Radon Monitoring Results

	Radon	
Date	**Top**	**Bottom**
	(WL)	**(WL)**
24-Nov-98	0.028	0.023
19-May-99	0.037	0.020
12-Oct-99	0.040	0.057
26-Apr-00	0.008	0.005
21-Nov-00	0.030	0.023
15-May-01	0.027	0.027
10-Dec-01	0.024	0.023
16-Jun-02	0.013	0.012
25-Nov-02	0.027	0.028
2-Jun-03	0.013	0.011
30-Nov-03	0.012	0.007
30-Jun-04	0.010	0.013
2-Dec-04	0.011	0.027
21-Jun-05	0.028	0.016
1-Dec-05	0.022	0.025
12-Jun-06	0.002	0.000
19-Dec-06	0.043	0.043
Average	0.022	0.021
Standard Deviation:	0.012	0.014

OAP:
resin0001.xls

Kennecott Uranium Company
Sweetwater Uranium Project
Stored Resin

Stored Resin RadTrak Monitoring Results

Date	RadTrak Results	
	Top	Bottom
	(pCi/l)	(pCi/l)
2nd Quarter 1998	1.9	2.0
3rd Quarter 1998	2.3	2.1
4th Quarter 1998	1.7	1.8
1st Quarter 1999	3.3	3.3
2nd Quarter 1999	2.3	2.5
3rd Quarter 1999	2.3	2.9
4th Quarter 1999	4.8	4.5
1st Quarter 2000	2.7	2.7
2nd Quarter 2000	2.2	3.3
3rd Quarter 2000	2.8	3.2
4th Quarter 2000	3.9	4.7
1st Quarter 2001	2.9	5.2
2nd Quarter 2001	1.0	1.5
3rd Quarter 2001	2.0	2.5
4th Quarter 2001	2.5	3.4
1st Quarter 2002	2.8	2.6
2nd Quarter 2002	1.8	2.2
3rd Quarter 2002	2.9	2.3
4th Quarter 2002	2.7	4.7
1st Quarter 2003	2.5	2.8
2nd Quarter 2003	2.0	3.2
4th Quarter 2003	3.5	3.3
1st Quarter 2004	2.9	3.5
2nd Quarter 2004	1.2	2.4
3rd Quarter 2004	2.2	2.7
4th Quarter 2004	3.2	3.4
1st Quarter 2005	2.1	2.8
2nd Quarter 2005	1.8	3.2
3rd Quarter 2005	3.0	3.5
4th Quarter 2005	3.2	3.5
1st Quarter 2006	3.0	3.0
2nd Quarter 2006	2.0	2.7
3rd Quarter 2006	2.4	2.7
4th Quarter 2006	3.5	3.7
Average	2.6	3.1
Standard Deviation:	0.8	0.8

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

21 February 2007

To: Total and Removable Alpha Monitoring File

Subject: Total and Removable Alpha Monitoring Assessment

In 2006 removable alpha monitoring was performed in the Mill and Solvent Extraction Buildings and in the Ion Exchange area on 6/20 and 12/20/06. Total alpha monitoring was performed in the Mill and Solvent Extraction Buildings and in the Ion Exchange area on 6/15 and 12/27/06.

Total and removable alpha monitoring was performed at least four (4) locations related to the Ion Exchange plant and at least nineteen (19) locations related to the Mill and Administration Buildings.

Total alpha contamination levels in the Mill Building ranged between 195 and 83,511 dpm/100 cm^2. The single high reading was taken at a location on the centrifuge support frame in the Yellowcake Area of the Mill Building. This area is part of the restricted area. Removable alpha contamination in the Mill Building ranged from 3.3 to 1243 dpm/100 cm^2. The desk in the yellowcake operator's office had the high removable alpha reading of 1243 dpm/100 cm^2. This desk is in the restricted area. Most of the alpha contamination on the support frame is fixed in place and non-mobile. The removable contamination on the support frame varied from 187.5 – 187.9 dpm/100 cm^2. The contamination on the centrifuge frame appears to be fixed to the zinc coating on the galvanized steel support frame.

Total alpha contamination levels in the Ion Exchange area ranged from 18.7 to 692 dpm/100 cm^2. This single high reading was on the skid of the elution pump. The Ion Exchange area is a restricted area. Removable alpha contamination levels in the Ion Exchange area ranged from 2.0 to 38.1 dpm/100 cm^2. The reading of 38.1 dpm/100 cm^2 of removable alpha contamination was obtained on the skid of the elution pump. Clearly, little of the alpha contamination on the elution pump skid is removable. Both the high total and removable alpha readings are below the limits (5000/1000 dpm/100 cm^2) for release for unrestricted use.

Total alpha readings for the exteriors of stored equipment ranged from 57.3 to 13,934 dpm/100 cm^2. Removable alpha readings for the stored equipment ranged from 1.9 to 353.5 dpm/100 cm^2. The high removable reading was from the interior of a steel pressure vessel stored in the tailings impoundment. The high total alpha reading was from a valve stored on a pallet in the Mill Building, a restricted area.

Oscar A Paulson
Oscar Paulson

POTABLE WATER QUALITY SUMMARY

2006

Coliform Count Summary

Date	Drake #1 (Well head)	Administration Building Water Supply (PWW-1 or PWW-2)	Change/Shower/Monitoring Trailer
01/03/06	Good	Good	---
02/06/06	Good	Good	---
03/06/06	Good	Good	Good
04/03/06	Good	Good	Good (4/17/06)
05/01/06	Good	Good	Good
06/05/06	Good	Good	Good
07/10/06	Good	Good	Good
08/07/06	Good	Good	Good
09/05/06	Good	Good	Good
10/02/06	Good	Good	Good
11/6/06	Good	Good	Good
12/4/06	Good	Good	Good

The Administration Building can be supplied by either PWW-1 or PWW-2. The water is tested monthly at the point of use and the results apply to whichever well is supplying the building at that time.

A Change/Shower/Monitoring Trailer was placed into service in late winter of 2006 for use by contract excavation employees. The water in this trailer was tested as well. It is supplied by PWW-1 and PWW-2.

KENNECOTT URANIUM COMPANY POTABLE WATER QUALITY SUMMARY					
2006					
DRAKE #1					
CHEMICAL ANALYSIS SUMMARY:					
Use Suitability	Domestic *	**DRAKE #1**	**DRAKE #1**	**DRAKE #1**	**DRAKE #1**
Parameter	Concentration **	01/19/06	04/20/06	07/05/06	10/07/06
Ammonia (NH3-N)	0.5	-	-	-	-
Arsenic (As)	0.05	0.002	0.002	0.002	0.002
Barium (Ba)	2	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Boron (B)	0.75	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Cadmium (Cd)	0.005	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloride (Cl)	250	3	4	2	3
Chromium (Cr)	0.1	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Copper (Cu)	1	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Cyanide (CN)	0.2	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Fluoride (F)	4	ND (0.1)	0.2	0.2	0.2
Hydrogen Sulfide (H2S)	0.05	-	-	-	-
Iron (Fe)	0.3	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Lead (Pb)	0.015	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Manganese (Mn)	0.05	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Mercury (Hg)	0.002	ND (0.0002)	ND (0.0002)	ND (0.0002)	ND (0.0002)
Nitrate (NO3-N)	10	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Nitrite (NO2-N)	1	-	-	-	-
Oil and Grease	Virtually Free	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Phenol	0.001	N/A	N/A	N/A	N/A
Selenium (Se)	0.05	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.001)
Silver (Ag)	0.1	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Sulfate (SO4)	250	46	45	52	50
Total Dissolved Solids (TDS)	500	166	172	192	162
Zinc (Zn)	5	0.02	0.02	0.02	0.03
pH (Standard Units)	6.5 - 8.5	8.52	8.21	8.16	8.22
Combined Ra226/Ra228	5.0 pCi/l	0.7 pCi/L	1.0 pCi/L	1.4 pCi/L	3.3 pCi/L
Natural Uranium	pCi/L	0.4	0.2	0.2	0.8
Pb-210	pCi/L	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Total Strontium 90	8.0 pCi/l	-	-	-	-
Gross Alpha Radioactivity ***	15.0 pCi/l	1	ND (1.0)	ND (1.0)	1
* This list does not include all constituents in the national drinking water standards.					
** mg/L, unless otherwise indicated					
*** Including Radium 226 but excluding Radon and Uranium					

KENNECOTT URANIUM COMPANY POTABLE WATER QUALITY SUMMARY					
2006					
PWW-1					
CHEMICAL ANALYSIS SUMMARY:					
Use Suitability	Domestic *	**PWW-1**	**PWW-1**	**PWW-1**	**PWW-1**
Parameter	Concentration **	01/19/06	04/26/06	07/05/06	10/07/06
Ammonia (NH3-N)	0.5	-	-	-	-
Arsenic (As)	0.05	.001	0.002	0.002	0.001
Barium (Ba)	2	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Boron (B)	0.75	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Cadmium (Cd)	0.005	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloride (Cl)	250	3	6	5	3
Chromium (Cr)	0.1	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Copper (Cu)	1	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Cyanide (CN)	0.2	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Fluoride (F)	4	ND (0.1)	0.2	0.2	0.1
Hydrogen Sulfide (H2S)	0.05	-	-	-	-
Iron (Fe)	0.3	ND (.05)	0.09	0.09	ND (.05)
Lead (Pb)	0.015	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Manganese (Mn)	0.05	0.02	0.01	0.01	0.01
Mercury (Hg)	0.002	ND (0.0002)	ND (0.0002)	ND (0.0002)	ND (0.0002)
Nitrate (NO3-N)	10	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Nitrite (NO2-N)	1	-	-	-	-
Oil and Grease	Virtually Free	ND (5)	ND (5)	ND (5)	ND (5)
Phenol	0.001	-	-	-	-
Selenium (Se)	0.05	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.001)
Silver (Ag)	0.1	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Sulfate (SO4)	250	47	56	58	56
Total Dissolved Solids (TDS)	500	162	186	200	174
Zinc (Zn)	5	1.1	ND (0.01)	ND (0.01)	0.01
pH (Standard Units)	6.5 - 8.5	8.08	8.37	8.19	8.25
Combined Ra226/Ra228	5.0 pCi/l	1.3 pCi/L	4.0 pCi/L	ND (1.0)	2.7 pCi/L
Natural Uranium	pCi/L	0.6	3.3	1.3	1.4
Lead 210	pCi/L	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Total Strontium 90	8.0 pCi/l	N/A	N/A	N/A	N/A
Gross Alpha Radioactivity ***	15.0 pCi/l	1.1	ND (1.0)	ND (1.0)	ND (1.0)
* This list does not include all constituents in the national drinking water standards.					
** mg/L, unless otherwise indicated					
*** Including Radium 226 but excluding Radon and Uranium					

KENNECOTT URANIUM COMPANY					
POTABLE WATER QUALITY SUMMARY					
2006					
PWW-2					
CHEMICAL ANALYSIS SUMMARY:					
Use Suitability	Domestic *	**PWW-2**	**PWW-2**	**PWW-2**	**PWW-2**
Parameter	Concentration **	01/19/06	06/28/06	07/31/06	
Ammonia (NH3-N)	0.5	-	-	-	Not
Arsenic (As)	0.05	.002	0.002	0.002	sampled.
Barium (Ba)	2	ND (0.1)	ND (0.1)	ND (0.1)	Not
Boron (B)	0.75	ND (0.1)	ND (0.1)	ND (0.1)	accessible
Cadmium (Cd)	0.005	ND (0.005)	ND (0.005)	ND (0.005)	due to the
Chloride (Cl)	250	3	5	4	excavation.
Chromium (Cr)	0.1	ND (0.01)	ND (0.01)	ND (0.01)	
Copper (Cu)	1	ND (0.01)	ND (0.01)	ND (0.01)	
Cyanide (CN)	0.2	ND (0.005)	ND (0.005)	ND (0.005)	
Fluoride (F)	4	ND (0.1)	0.2	0.2	
Hydrogen Sulfide (H2S)	0.05	-	-	-	
Iron (Fe)	0.3	0.05	0.15	0.08	
Lead (Pb)	0.015	ND (0.01)	ND (0.01)	ND (0.01)	
Manganese (Mn)	0.05	0.02	0.02	0.01	
Mercury (Hg)	0.002	ND (0.0002)	ND (0.0002)	ND (0.0002)	
Nitrate (NO3-N)	10	ND (0.1)	ND (0.1)	ND (0.1)	
Nitrite (NO2-N)	1	-	-	-	
Oil and Grease	Virtually Free	ND (5)	ND (5)	ND (5)	
Phenol	0.001	-	-	-	
Selenium (Se)	0.05	ND (0.001)	0.003	ND (0.001)	
Silver (Ag)	0.1	ND (0.01)	ND (0.01)	ND (0.01)	
Sulfate (SO4)	250	40	45	41	
Total Dissolved Solids (TDS)	500	148	160	152	
Natural Uranium	pCi/L	2.4	2.3	2.6	
Pb-210	pCi/L	ND (1)	ND (1)	ND (1)	
Zinc (Zn)	5	ND (0.01)	ND (0.01)	ND (0.01)	
pH (Standard Units)	6.5 - 8.5	8.11	8.15	7.99	
Combined Ra226/Ra228	5.0 pCi/l	0.6	0.4	ND	
Total Strontium 90	8.0 pCi/l	N/A	N/A	N/A	
Gross Alpha Radioactivity ***	15.0 pCi/l	ND (1)	ND (1)	ND (1)	
* This list does not include all constituents in the national drinking water standards.					
** mg/L, unless otherwise indicated					
*** Including Radium 226 but excluding Radon and Uranium					

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

8 February 2007

To: Distribution

Subject: Safety and Environmental Review Panel (SERP) – 2006

During the calendar year 2006 the licensee has not:
- Made changes in the facility as described in the license application (as updated);
- Conducted tests or experiments not presented in the license application (as updated).

During calendar year 2006 the licensee has:
- Changed reporting titles/updated the organization chart.
- Revised procedures for repair of damaged sections of the tailings impoundment liner and the repair of the impoundment's embankment interior.

Change #13:
This change is covered by SEE #10 entitled "Change in Reporting Titles – Updated Organization Chart". This change was an administrative change. It changed the name and title of the individual to whom the Facility Supervisor reports, from Roger Strid, Manager of Engineering Projects to Martin Steams, Environmental Project Manager.

Change #14:
This change is covered by SEE #14 entitled "Procedures for the Repair of the Tailings Impoundment's Interior Side Slopes and Repair of Damaged Sections of Hypalon Liner on Repaired Side Slopes". This change approved new methods using new materials to effect repairs to the liner in the existing tailings impoundment. These new methods and materials are being used successfully. Page changes to TOP-1 (Tailings Operating Procedures – 1) referencing SEE-14 are attached. This document was amended by SEE-14-Amended.

Change #15:
This change is covered by SEE #15 entitled "Change in Reporting Titles – Updated Organization Chart". This change was an administrative change. It changed the name and title of the individual to whom the Environmental Project Manager reports, from Bob Green, Acting Manager of Environmental and Regulatory Affairs, to John Lucas, Manager of Environmental and Regulatory Affairs.

Change #16:
This change is covered by SEE #16 entitled "Change in Reporting Titles – Updated Organization Chart". This change was an administrative change. It changed the name and title of the individual to whom the Facility Supervisor reports, from Martin Steams, Environmental Project Manager, to John Lucas, Manager of Environmental and Regulatory Affairs.

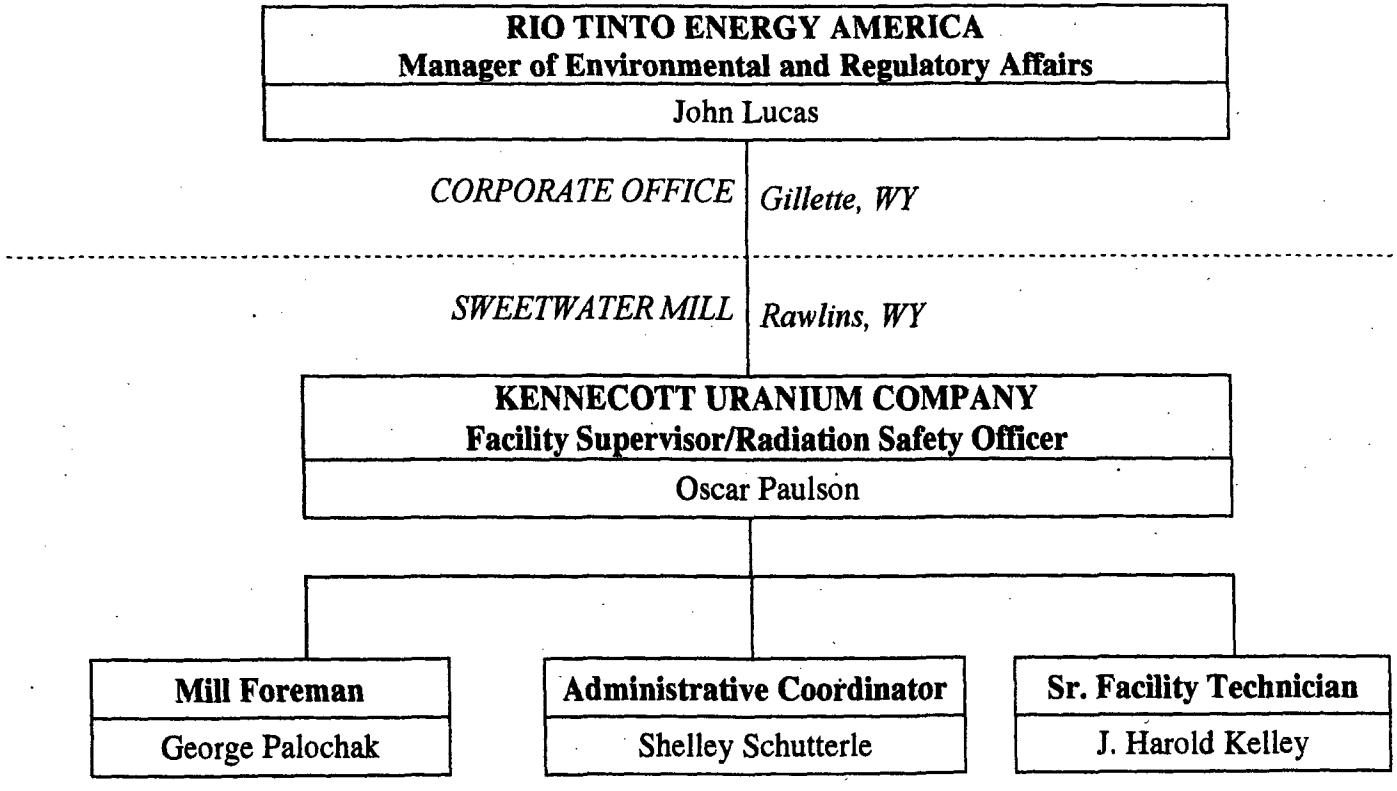
Other Issues Pertaining to the Safety and Environmental Review Panel (SERP)
The Radiation Safety Officer (RSO) is designated as the chairman of the panel, coordinates the activities of the panel and the preparation of the Safety and Environmental Evaluations (SEEs).

Oscar A Paulson
Oscar Paulson

Distribution: George Palochak
Roger Strid

KENNECOTT URANIUM COMPANY
SWEETWATER URANIUM PROJECT

ORGANIZATION



2.2.3 The tailings cell liner shall be maintained in an operable condition within 5 feet of the solution surface.

2.2.4 Though not required by the license or any submittal, one goal in the operation of the tailings impoundment shall be to maintain fluid filled lagoons inside of the impoundment, primarily along the inside of the west embankment, to enhance evaporation and minimize blowing tailings during non-freezing months and encourage the formation of ice armor during freezing months.

2.3 The licensee shall maintain the liner system for the existing tailings impoundment in accordance with the specifications, representations, recommendations and commitments in the following:

2.3.1 "Proposed Subsurface Tailings Disposal", transmitted by letter dated July 10, 1978, from Manager of Operations, Minerals Exploration Company (MEC), to Chief, Fuel Processing and Fabrication Branch, NRC and supplements to this report dated August 1, 22 and 28, 1978.

2.3.2 Quality Control - PVC/Hypalon Bond, pages 5-7 of the October 23, 1978 letter from D'Appolonia Consulting Engineers, Inc. to MEC, transmitted by letter dated November 3, 1978, from General Manager, MEC, to Chief, Fuel Processing and Fabrication Branch, NRC.

2.3.3 Items 7 and 8 of the Enclosure to the October 11, 1978 letter from the General Manager, MEC, to Chief, Fuel Processing and Fabrication Branch, NRC.

2.3.4 Recommended Changes, Uranium Pond Liner System, Sweetwater Project, Sweetwater County, Wyoming, for MEC, by D'Appolonia Consulting Engineers, Inc., July 13, 1979. This report contains the requirement for the annual inspection by a registered professional engineer of the tailings impoundment embankment and biennial testing (even numbered years) of a sample of the Hypalon liner.

2.3.5 SEE #14 – Procedures for the Repair of the Tailings Impoundment's Interior Side Slopes and Repair of Damaged Sections of Hypalon Liner on Repaired Side Slopes, as amended by SEE-14 Amended – Amendment to Procedures for the Repair of the Tailings Impoundment's Interior Side Slopes and Repair of Damaged Sections of Hypalon Liner on Repaired Side Slopes.

2.4 Maintenance, operation and reclamation of the existing tailings impoundment shall be in accordance with the specifications, representations and commitments in the following:

2.4.1 Application for Amendment to NRC Source Material License No. SUA-1350, Volumes 1-4, dated September, 1982.

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

20 February 2007

To: NRC File

Subject: Summary of Radiation Instrument Calibrations – 2006

Instrument		Date(s) Calibrated
Calibration Orifices		
	Lo Vol-40A S/N M100	2/8/06
	Hi Vol-25A S/N 8080978	2/8/06
	Sierra Instruments TE-5025A	2/8/06
Alpha Detectors		
	43-5 S/N P-2425	4/11/06 & 12/6/06
	43-5 S/N P-2426	2/12/06 & 12/6/06
	43-5 S/N P-2427	2/13/06 & 11/30/06
	43-5 S/N P-2428	2/12/06 & 12/6/06
	43-5 S/N P-2429	2/13/06 & 11/30/06
	43-90 S/N PR-138872	2/13/06 & 11/30/06
	43-90 S/N PR-138874	4/11/06 & 12/6/06
	43-90 S/N 232499 (new instrument)	1/6/06 & 8/9/06 – sent for repair 12/27/06
	43-1 S/N PR-206925	1/6/06 & 8/9/06
	AC3-5 S/N 3793	6/14/06 & sent on 8/9/06
Gamma Meters/Detectors		
	12S S/N 11816	6/30/06 & sent on 12/26/06
	5 S/N 8170	6/30/06 & sent on 12/26/06
	44-10 S/N 206932	2/12/06 & 12/8/06
	44-10 S/N 233869 (new instrument)	1/6/06 & 8/9/06
	TNN2652 S/N B275	Removed from service – not repairable
	19 S/N 16938	11/30/06
Rate Meters		
	177 S/N 14390	12/6/05 & 4/11/06
	177 S/N 14407	2/16/06 & 11/30/06
	2350-1 S/N 192613	2/13/06 & 12/8/06 – sent for repair 12/27/06
	2350-1 S/N 216182 (new instrument)	1/6/06 & 8/9/06
	Model 3 S/N 157539	2/13/06 & 11/29/06
	Model 12 S/N 12280	2/10/06 & 10/4/06
	PRS-1 S/N 330/3793	6/14/06 & sent on 8/9/06
SAC R4		
	S/N 383	5/3/06 & 12/20/06

SAC R5		
	S/N 614	6/30/06 & sent on 12/26/06
	S/N 965	5/3/06 & 12/20/06
	S/N 602548	5/2/06 & 12/20/06
Scaler		
	MS-2 S/N 738	5/2/06 & 12/20/06
	MS-2 S/N 994	6/30/06 & sent on 12/26/06
Beta Gamma Detector		
	Model 44-1 S/N PR-156890	2/10/06 & 10/14/06
	Model 44-9 S/N PR-093335	2/13/06 & 11/30/06
Air Pumps (A new Buck Basic 12 personal air sampler and DF-604 low volume environmental air sampler have been ordered for the facility)		
	Bendix BDX-44 S/N 11-79-170	Used for personal breathing zone sampling for Catchment Basin Excavation. Please see attached sheet
	Sensidyne GilAir II S/N 902331	Used for personal breathing zone sampling for Catchment Basin Excavation. Please see attached sheet
	MSA #1	Used for personal breathing zone sampling for Catchment Basin Excavation. Please see attached sheet
	MSA #5	Used for personal breathing zone sampling for Catchment Basin Excavation. Please see attached sheet
Scintillation Detector		
	Model SPA-1 S/N 704727	5/6/06 & 12/20/06
Hi Vol Air Sampler		
	S/N 17625	2/7, 3/8, 5/3, 7/23 & 11/25/06
	S/N 2	Placed in service/built from parts 5/30/06. 5/30, 7/23 & 11/25/06
	S/N 3	Placed in service/built from parts 11/25/06. 11/25/06
	S/N 4	A fourth unit is being constructed, is not complete and has not been placed in service.
Lo Vol Air Sampler		
	Unit #1	1/9, 2/1, 2/7, 3/14, 4/3, 5/4, 5/22, 6/6, 6/26, 7/9, 8/6, 9/3, 10/8, 10/15, 10/18, 11/6, 12/4 and 12/18/06
	Unit #2	1/5/06 motor calibrated only. AccuVol electronic flow controller failed. Unit taken out of service. Flow controller and motor sent to Energy Laboratories, Inc. for repair. Replacement low volume air sampler ordered from F & J Specialties, Ocala, Florida.

Unit #1 In-Service Dates:
One unit is required to be operating at the single required downwind air monitoring station during non-operating periods. Unit #1 was operated at that location. When the motor on that unit failed, it was replaced in the field and the unit was recalibrated in the field due to the failure of the backup unit, Unit #2.

Note: Portable electronic survey instruments calibrated by a contract laboratory (Energy Laboratories, Inc.) in accordance with ANSI Standard N323A-1997 – American National Standard – Radiation Protection Instrumentation – Test and Calibration, Portable Survey Instruments.

Orifices are calibrated annually as stated in the Environmental Protection Agency Quality Assurance Handbook for Air Pollution Measurement Systems - Volume II – Ambient Air Specific Methods.

No electronic survey instrument was used on site unless that instrument had been calibrated within the last six (6) months prior to use. Instruments were sent to the off-site calibrator promptly following six (6) months of last calibration. The off-site calibrator experienced severe delays (in some cases, over three (3) months) in calibrating and returning instruments to the site.

Bendix BDX-44 S/N 11-79-170

To insure a high level of accuracy of breathing zone sample volumes, this unit was calibrated before and after each sample event. It was calibrated on the following dates/times:

Date	Time	Date	Time	Date	Time	Date	Time	Date	Time
1/4/06	10:24	4/16/06	16:48	5/14/06	17:11	7/23/06	15:39	9/20/06	17:30
3/9/06	18:37	4/17/06	17:13	5/15/06	17:20	7/25/06	13:14	9/24/06	17:06
3/15/06	17:25	4/19/06	17:35	5/22/06	8:41	7/27/06	12:49	12/11/06	12:40
3/16/06	17:24	4/23/06	16:27	5/22/06	17:29	8/6/06	16:36	12/17/06	16:33
3/20/06	17:23	4/24/06	18:00	5/24/06	14:12	8/8/06	11:20	12/18/06	14:36
3/21/06	18:03	4/25/06	17:15	5/30/06	12:15	8/16/06	16:42	12/18/06	17:08
3/22/06	17:36	4/26/06	16:21	6/4/06	16:20	8/23/06	7:27	12/19/06	10:49
3/23/06	17:22	5/1/06	17:44	6/26/06	9:53	8/28/06	16:34	12/19/06	17:45
3/27/06	17:02	5/2/06	17:16	7/9/06	14:31	8/30/06	17:18		
4/4/06	17:22	5/3/06	17:22	7/10/06	17:56	9/10/06	15:48		
4/5/06	17:15	5/4/06	13:48	7/16/06	16:26	9/13/06	11:05		
4/6/06	17:44	5/9/06	11:26	7/19/06	11:26	9/19/06	16:58		

Sensidyne GilAir II S/N 902331

To insure a high level of accuracy of breathing zone sample volumes, this unit was calibrated before and after each sample event. It was calibrated on the following dates/times:

Date	Time	Date	Time	Date	Time	Date	Time	Date	Time
3/1/06	17:23	5/4/06	13:48	6/4/06	16:21	8/12/06	17:15	9/18/06	8:05
3/8/06	11:13	5/9/06	11:26	6/12/06	15:18	8/30/06	7:22	9/19/06	16:58
3/9/06	9:56	5/11/06	10:02	6/13/06	17:48	9/3/06	17:22	9/24/06	17:06
3/15/06	12:42	5/24/06	8:45	6/16/06	13:13	9/10/06	15:48	12/11/06	11:49
3/22/06	14:43	5/25/06	9:47	8/1/06	7:57	9/12/06	15:16	12/26/06	17:20
4/4/06	9:37	5/30/06	7:43	8/11/06	8:06	9/13/06	11:05		

MSA Model S – S/N RN06031002

To insure a high level of accuracy of breathing zone sample volumes, this unit was calibrated before and after each sample event. It was calibrated on the following dates/times:

Date	Time	Date	Time	Date	Time	Date	Time	Date	Time
3/10/06	18:01	5/4/06	13:12	6/11/06	17:06	6/20/06	17:33	7/27/06	8:34
3/27/06	16:42	5/22/06	8:41	6/12/06	7:06	6/21/06	18:45	7/30/06	17:42
4/4/06	9:37	5/22/06	17:29	6/12/06	17:29	6/26/06	9:53	8/2/06	8:35
4/23/06	16:39	5/30/06	7:43	6/13/06	7:00	7/9/06	14:31	8/8/06	11:20
4/20/06	9:36	6/4/06	16:21	6/13/06	17:48	7/12/06	7:20	9/6/06	8:28
4/24/06	18:00	6/5/06	7:28	6/14/06	7:10	7/16/06	16:26	9/10/06	15:48
4/25/06	17:15	6/6/06	13:15	6/16/06	13:13	7/18/06	7:23	9/13/06	7:47
4/26/06	16:21	6/7/06	7:02	6/19/06	7:45	7/19/06	11:26	9/19/06	16:58
5/1/06	17:44	6/7/06	17:47	6/19/06	17:31	7/25/06	7:12	12/11/06	12:40
5/2/06	7:17	6/8/06	7:40	6/20/06	8:17	7/25/06	17:06		

MSA Model G – S/N RN06031001

To insure a high level of accuracy of breathing zone sample volumes, this unit was calibrated before and after each sample event. It was calibrated on the following dates/times:

Date	Time	Date	Time	Date	Time	Date	Time	Date	Time
3/10/06	16:45	4/23/06	16:48	5/9/06	9:47	7/19/06	7:41	9/19/06	9:08
3/27/06	16:42	4/25/06	18:00	5/10/06	14:22	7/25/06	15:39	9/19/06	16:58
4/4/06	9:37	4/26/06	7:12	6/30/06	2:53	8/3/06	7:36	12/11/06	12:40
4/16/06	16:48	5/1/06	12:50	7/9/06	14:31	8/8/06	11:20		
4/17/06	17:13	5/2/06	17:16	7/13/06	7:57	9/7/06	8:11		
4/20/06	13:43	5/4/06	13:12	7/16/06	16:26	9/10/06	15:48		

Oscar A Paulson

Oscar Paulson
Facility Supervisor

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

3 January 2007

To: Standard Operating Procedures File

Subject: Annual Review of Standard Operating Procedures (SOPs)

Requirement
License Condition 12.1 states: "An annual report of the review of all existing standard operating procedures, required to be performed by the RSO, shall be prepared and retained on site."

License Condition 9.6 states in part: "In addition, the RSO shall perform a documented review of all existing standard operating procedures at least annually."

Review of Standard Operating Procedures (SOPs) is ongoing throughout the year; however, a final review was performed in December 2006. This review included all Standard Operating Procedures (SOPs) related to the Nuclear Regulatory Commission (NRC) license including Mill Operating Procedures (MOPs), Tailings Operating Procedures (TOPs), Health Physics Procedures (HPs), Environmental Procedures (EPs) and other Standard Operating Procedures (SOPs). Also, SOPs not related to the Nuclear Regulatory Commission (NRC) license were reviewed, revised and updated. The review was conducted over the course of the year and completed on December 28, 2006 with the preparation of this review document. The date of addition or revision for each procedure follows the name of the procedure.

A. Non-Radiologic SOPs
The following non-radiologic procedures were modified:

- The *Extreme Snowfall Plan* was revised on December 12, 2006 to reflect the presence of Archer Construction, Inc. on site during the winter of 2006-2007 and to add additional contact information.
- *Instructions for All Security Personnel* was revised on September 19, 2006.
- *Solitary Work Assignment* was revised on December 28, 2006.
- *Groundwater Sampling (Jackpot and Big Eagle Mines)* was revised on December 28, 2006.
- *Depth to Water Measurements (Jackpot and Big Eagle Mines)* was revised on December 28, 2006.
- *Surface Water Sampling (Jackpot and Big Eagle Mines)* was revised on December 28, 2006.
- *Erosion Transect Sampling (Jackpot Mine)* was revised on December 28, 2006.

B. Radiological (NRC License) Related SOPs (HP, EP, TOP, SERP-OP and MOP)
The following radiologic procedure was added by May 15, 2006:

- HP-38 – *Consumption of Drinking Water within the Restricted Area*

The following radiologic procedures were modified:

- *Contractor Radiation Safety* form – May 15, 2006
- HP-4 – *Radon Daughter Survey* – December 28, 2006
- HP-7 – *Personnel Alpha Monitoring and Decontamination* – April 25, 2006
- HP-11 – *Personnel Air Sampling* – December 1, 2006
- HP-12 – *In-Plant High Volume Particulate Sampling* – December 1, 2006
- HP-14 – *Calibration of Equipment* – December 6, 2006
- HP-18 – *Release of Equipment to Unrestricted Areas* – December 1, 2006
- HP-21 – *Respiratory Protection* – December 8, 2006
- HP-25 – *Areas Requiring Personnel Monitoring During Suspended Operations* – December 9, 2006

- MOP-15 – *Contaminated Soil Excavation – Catchment Basin Pre-excavation, Excavation, Sampling, Waste Placement Backfilling, Topsoiling and Seeding Procedures* – December 5, 2006
- MOP-17 – *Contaminated Soil Excavation – Catchment Basin Environmental Monitoring Procedures* – April 25, 2006
- EP-5 – *Calibration Procedure for Lo-Volume Air Sampling Units with AccuVol Flow Controllers* – December 6, 2006
- EP-6 – *Calibration Procedure for Lo-Volume Air Sampling Units Directly Connected to Line Voltage* – December 6, 2006
- EP-10 – *Radon-222 Sampling* – December 6, 2006
- EP-12b – *General Surface Water Sampling, Sample Preparation and Water Level Measurement Procedures* – December 6, 2006
- EP-14 – *Non-Operational and Operational Surface and Ground Water Sampling and Level Measurement Locations and Frequencies* - December 6, 2006
- EP-21 – *Water Sampling for Fecal Coliform Analysis* – December 28, 2006

C. Other Procedures

- The *Suspended Operations Procedure* was revised on December 28, 2006.

Oscar Paulson
AnnualReviewSOPs.doc

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

1 February 2007

To: Respiratory Protection File

Subject: Respiratory Protection – 2006

The Mill Foreman and Senior Facility Technician are the two (2) employees on site that are part of the facility's respirator program. They received their respirator physicals on July 26 and June 12, 2006, respectively.

Annual fit tests with stannic chloride irritant smoke and annual instruction on respirator use were conducted on November 20, 2006.

Oscar A Paulson

Oscar Paulson
Facility Supervisor

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

27 February 2007

File

Subject: **Releases for Unrestricted Use – 2006**

Releases for unrestricted use issued in 2006 were primarily related to the release of equipment used to excavate the Catchment Basin contamination. Total and removable alpha levels on all released equipment were very low since all equipment was thoroughly cleaned prior to monitoring. The maximum removable alpha measurement was 28.5 dpm/100cm^2, well below the 1000 dpm/100cm^2 release limit.

Oscar A Paulson
Oscar Paulson

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

30 January 2007

To: Radiation Work Permit File

Subject **Radiation Work Permits**

No radiation work permits were issued in 2006.

Oscar A Paulson
Oscar Paulson

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

20 February 2007

Memo to File

SUBJECT: Dose Assessment/Determination of No Requirement for Individual Monitoring or Dose Calculation at the Sweetwater Uranium Project for 2006

This determination is being prepared to demonstrate that individual monitoring and dose calculation is not required at the Sweetwater Uranium Project due to the low levels of gamma radiation, airborne particulate radionuclides and radon present at the facility. The Sweetwater Uranium Project is a non-operating uranium mill, which suspended operations in the spring of 1983. This assessment is based on background data for the facility and data from radiation surveys and air sampling surveys taken at the facility during 2006.

Background

10 CFR 20 (in 20.1003) in the definition of occupational dose states, "Occupational dose does not include dose received from background radiation...." In order to assess the occupational dose received at the facility the background must be deducted from the total dose received. Background data for gamma radiation and airborne particulate radionuclides were collected in 1976 for the Environmental Report and in 1979 for the pre-operational monitoring program. The average upwind radon concentration for 2006 was used to represent the background radon concentration for the facility.

Item	Average Concentration	Dose
Background Gamma		200.7 mrem/yr (22.9uR/hr)
Airborne Particulates:		
U-nat	6.2E-16 uCi/ml	0.34 mrem/yr
Ra-226	3.9E-16 uCi/ml	0.22 mrem/yr
Th-230	3.9E-16 uCi/ml	0.65 mrem/yr
Pb-210	1.7E-14 uCi/ml	1.39 mrem/yr
Radon-222	3.58 pCi/l	340.24 mrem/yr

Note: Based on calculations prepared by Lyda Hersloff dated December 29, 1993.

The background dose for radon in working levels at the upwind monitoring site assuming daughters present is computed as follows:

(3.58 pCi/l) / (1E3 ml/l) / (1E6 pCi/uCi) = 3.58 E-9 uCi/ml
0.33 WL = 3E-8 uCi/ml (with all daughters present)
[(3.58E-9 uCi/ml) / (3E-8 uCi/ml)] * (0.33 WL) = 0.039 WL for background

The calculated equilibrium factor for the facility (1993 to 2006) average is 0.216. Given that all daughters are not present and the equilibrium factor is 0.216, the actual background radon daughter concentration is:

(0.216) * (0.039 WL) = 0.008 WL

Occupational Dose

1) **Gamma Radiation**

The average gamma dose at the facility is based on an average of survey results for twenty-eight (28) locations in the mill and twelve (12) locations in the ion exchange area and general surveys in the tailings impoundment and Catchment Basin excavation areas. The results are as follows:

Gamma Survey Results

Area	Total Dose	Background Dose	Occupational Dose
IX Area	233.0 uR/hr	22.9 uR/hr	210.1 uR/hr
Mill	73.0 uR/hr	22.9 uR/hr	50.1 uR/hr
Tailings	68.8 uR/hr	22.9 uR/hr	45.9 uR/hr
Catchment Basin Excavation	68.1 uR/hr	22.9 uR/hr	45.2 uR/hr

Approximately 263 hours (twenty-six and one-third 10-hour working days) are estimated to have been spent in the mill and 753 hours (seventy-five and one-third 10 hour working days) are estimated to have been spent in the tailings impoundment by the Mill Foreman in 2006. This estimate is based on the number of entries in the restricted area alpha survey record for 2006, and assuming that each entry constitutes a full ten (10) hour day in either the mill or tailings impoundment, as indicated. If both the mill and tailings impoundment were entered in a single day, then it was assumed that five hours were spent in each area. This assumption is very conservative since many entries in the alpha survey record are the result of a brief (1 - 2 hour) period in either the mill or tailings impoundment.

The table below estimates the gamma dose likely to be received by the Mill Foreman:

Area	Time	Occupational Dose Rate	Total Dose
Mill	263 hours	50.1 μR/hr	13.2 mrem
Tailings	753 hours	45.9 μR/hr	34.6 mrem
Catch.Basin	214 hours	45.2 μR/hr	9.7 mrem
Total			**57.5 mrem**

Since the gamma levels are low in the mill and ion exchange area and only a limited amount of time is spent in these areas, it is unlikely that personnel would receive in one year from sources external to the body a dose in excess of 10% of any of the applicable limits in 20.1201(a); therefore, individual monitoring and dose calculation for external exposure is not required. Gamma doses measured in the Ion Exchange (IX) Area were not used in the estimate due to the very small amount of time spent in that area each year. This estimate assumes a one to one to one (1:1:1) equivalence of exposure (in Roentgens) to absorbed dose (in Rads) to equivalent dose (in REMs). For gamma radiation with a Quality Factor (QF) of one (1), this is acceptable.

Personnel (Luxel) dosimeters were used on site by all personnel during 2006 even though their use was not required, in part, to confirm these calculations. The highest external dose received for the calendar year was 7 millirems, confirming the low external exposure rates on site and the inherent conservative nature of these calculations.

2) **Radon**

The average radon dose at the facility is based on an average of survey results for three (3) locations in the ion exchange area, at least fourteen (14) locations in the mill and two (2) locations in the Solvent Extraction (SX) Building taken in June and December of 2004. The results are as follows:

Radon Sampling Results

Area	Concentration	Background	Occupational Dose
IX Area	0.008 WL	0.007 WL	0.001 WL
Mill Area	0.030 WL	0.007 WL	0.023 WL

The average occupational radon dose for facility personnel is:

{[(0.023 WL) / (0.33 WL/DAC)] * 263 hours} / (2000 DAC hours/ALI) = 0.0092 ALI
(0.0092 ALI) * (5000 millirems/ALI) = 45.8 millirems

3) **Airborne Particulate Radionuclides (Uranium)**

The average airborne particulate natural uranium dose at the facility is based on high volume air samples taken in the grinding and yellowcake areas of the mill, the tailings impoundment and the Catchment Basin excavation in 2006 and four (4) breathing zone samples taken of the Mill Foreman when working in the Mill Building and ninety-six (96) breathing zone samples collected from workers in the Catchment Basin excavation. The results are as follows:

High Volume Air Sampling Results

Area	Concentration	Background	Occupational Conc.
Grinding	1.16 E-15 uCi/ml	6.2 E-16	5.41 E-16 uCi/ml
Precipitation	1.47 E-15 uCi/ml	6.2 E-16	8.48 E-16 uCi/ml
Tails Impound.	4.51 E-15 uCi/ml	6.2 E-16	3.89 E-15 uCi/ml
Catch Basin Excav.	5.29 E-15 uCi/ml	6.2 E-16	4.67 E-15 uCi/ml
Average			**2.49 E-15 uCi/ml**

Breathing Zone Samples

Date	Concentration	Percent of DAC
03/30/06	<3.84 E-14 uCi/ml	<0.174%
06/29/06	6.22 E-14 uCi/ml	0.311%
09/28/06	<6.10 E-14 uCi/ml	<0.305%
12/26/06	<6.33 E-14 uCi/ml	<0.316%

A breathing zone sample collected from a truck driver in the Catchment Basin excavation had the highest breathing zone sample value of 7.17 E-14 uCi/ml of natural uranium. Using the value of 7.17 E-14 uCi/ml (the highest measured airborne uranium concentration) coupled with a working time spent in the mill of 263 hours, the tailings impoundment of 753 hours and the Catchment Basin excavation of 214 hours in 2006 would yield the following exposure:

(7.17 E-14 uCi/ml) / (2E-11 uCi/ml/DAC) * (263+753+214 hours) = 4.41 DAC-hrs
(4.41 DAC-hrs) / (2000 DAC-hrs/ALI) = 0.002 ALI = 0.22% ALI

A dose of 4.41 DAC-hrs represents the maximum possible internal dose to natural uranium at the facility and is 0.22% of the ALI, which is below the 10% threshold that triggers monitoring and dose calculation.

This is an extremely conservative dose estimate since it applies the highest uranium concentration to all work within the restricted areas (Mill Building and tailings impoundment) at the facility. This estimate equates to an internal exposure of 11.0 millirems. The *Internal Occupational Exposure Assessment – Suspended Operations* document calculates a total dose from natural uranium, radium-226 and thorium-230 of 35.3 millirems.

This maximum possible exposure of 0.002 ALI is also below the intake limit of 10 milligrams/week for soluble natural uranium listed described in 20.1201(e) as per the calculation below:

(0.002 ALI/yr) * (5E-2 uCi/ALI) = 1.00 E-4 uCi/yr
(1.00 E-4 uCi/yr) * (1 E-6 pCi/uCi) / (677 pCi/mg) = 0.148 mg/yr total intake

This is well below the 10 milligram per week limit.

Based on the levels of airborne natural uranium, radium-226 and thorium-230 as demonstrated by the high volume air samples collected in the Mill Building, the level of natural uranium exhibited by the breathing zone samples collected in the Mill Building, the levels of natural uranium, radium-226 and thorium-230 exhibited in the high volume and breathing zone samples collected in the Catchment Basin excavation and the levels of natural uranium, radium-226 and thorium-230 exhibited in the high volume air samples collected in the tailings impoundment and the limited time spent in the mill (263 hours), the tailings impoundment (753 hours) and Catchment Basin excavation (214 hours) by the Mill Foreman in 2006, it is unlikely that personnel would receive in one year an intake in excess of 10 percent of the applicable ALI for uranium (natural) in Table 1, Columns 1 and 2 of Appendix B therefore monitoring and dose calculation for uranium (natural) is not required. It is estimated that the total dose from natural uranium, radium-226 and thorium-230 does not exceed 35.3 millirems.

Conclusions:

1) Monitoring and calculation of external dose is not required at the Sweetwater Uranium Project since no personnel are likely to receive an external occupational dose in excess of 0.5 rem.

2) Monitoring and calculation of internal dose at the Sweetwater Uranium Project is not required because:
   a) Radon dose is calculated at 0.046 rem/yr.

3) The maximum possible total occupational dose to the maximally exposed individual on site, the Mill Foreman, is as follows:

a)	Estimated external dose:	0.058 rem/yr.
b)	Estimated internal dose (particulates)	0.035 rem/yr.
c)	Estimated internal dose (radon-222)	0.046 rem/yr.
	Total:	0.139 rem/yr.

   These estimates are below 10% of the applicable limits that would trigger individual monitoring.

4) Tracking of external doses was done for all site personnel during 2006 using Luxel dosimeters. Due to the proven low dose rates at the facility, use of dosimeters is not required; however, it was done to confirm external exposure data from surveys. The highest annual dose received by any individual was seven (7) millirems. This proves that the external dose estimate based upon surveys is conservative.

Oscar A Paulson

Oscar A. Paulson

RIO TINTO
ENERGY AMERICA

Memorandum

Oscar Paulson
Facility Supervisor
Kennecott Uranium Company

7 February 2007

To: NRC File

Subject: Compliance with 10 Mrem Constraint Limit for 2006

The following pertains to the dose to a member of the general public from the Sweetwater Uranium Project:

- The mill is not operating so there are no emissions from any stacks.
- The only air emissions excluding radon and its progeny are particulate radionuclides from the tailings impoundment.

The following applies to these particulate emissions:

1. These emissions are monitored at Station 4A by a continuous lo-vol system.

2. The radionuclide concentrations and doses encountered at this location are as follows:

U - nat: 1.30 E-16 uCi/L	0.072 mrem/yr
Ra-226: 1.00 E -16 uCi/L	0.006 mrem/yr
Th-230: 1.00 E -16 uCi/L	0.167 mrem/yr
Total:	**0.245 mrem/yr**

3. Background levels for the site are as follows:

U-nat:	6.2 E -16 uCi/L	0.34 mrem/yr
Ra-226:	3.9 E -16 uCi/L	0.22 mrem/yr
Th-230:	3.9 E -16 uCi/L	0.65 mrem/yr
Total:		**1.21 mrem/yr**

Conclusions:

- The 2006 dose from airborne particulate radionuclides was at background levels. The 10 mrem per year constraint limit was not exceeded.

Oscar A Paulson
Oscar Paulson

Rio Tinto Energy America
Kennecott Uranium Company
PO Box 1500, 42 Miles NW of Rawlins
Rawlins, Wyoming 82301-1500
Tel: (307) 324-4924 Fax: (307) 324-4925

31 January 2007

Mr. Keith I. McConnell, Deputy Director
Division of Waste Management and Environmental Protection
Office of Federal and State Materials and Environmental Management Programs
U.S. Regulatory Commission
11545 Rockville Pike, Mail Stop T7-E18
Rockville, MD 20852-2738

Dear Mr. McConnell:

Subject: Sweetwater Uranium Project - Docket Number 40-8584
Source Materials License #SUA-1350 -- License Conditions 11.2 and 12.3
Land Use Report

In compliance with License Conditions 11.2 and 12.3 of SML SUA-1350, Kennecott Uranium Company has conducted visual surveys throughout the year (20065) of land use in, and within a five-mile radius of, the Sweetwater Uranium Mill restricted area.

Limited cattle and sheep grazing, wildlife usage, recreation (mainly hunting during the Fall) and oil and gas development and production continue as the principle land uses in the area. There has been noticeable oil and gas drilling activity to the west, north and south of the facility, creating additional traffic along Sweetwater County Road 4-63 south of the facility. Some uranium exploration drilling has been conducted approximately four miles due north of the facility. Extensive uranium related claim staking has been done within a five mile radius of the facility, primarily to the north and west.

As of the end of December 2006, four (4) drill rigs were operating around the facility and located as follows:

Well Name:	Location:	Latitude/Longitude
North Battle Springs Unit 14-27	SW ¼ SW ¼ Section 27, T24N R94W	N42° 01.163'/W108° 01.384'
North Battle Springs Unit 1-31	NW ¼ SE ¼ Section 31, T25 N R94W	N42° 05.650'/W108° 05.559'
Chain Lakes Well No. 29-1	ND ¼ NW ¼ Section 29, T23N R93W	N41° 56.418'/W107° 56.766'
Champlin 532A-1	Section 19, T23N R92 W	N41° 56.856'/W107° 50.934'

All are more than five (5) miles from the facility but of interest because these operations represent the closest activity to date to the facility in recent time.

All of the petroleum-contaminated soils excavated on site during 2001, 2002 and 2003 were placed on a synthetically lined landfarm approximately fifty (50) acres in area, located outside of the NRC bonded area, but within the Department of Environmental Quality (DEQ) bonded area, west of the facility. The land-farmed materials are being treated by bioremediation with added nutrients. Once the materials meet nationally accepted clean soil standards (<100 milligrams per kilogram diesel range organics), they will be used to backfill the excavation. The excavation and remediation of this petroleum-contaminated soil was described in detail in a separate binder submitted to the NRC in 2003.

The soil and ground water contamination related to the Catchment Basin have been previously described in submittals dated May 12, July 22 and December 15, 2004 and January 18, 2005. These contaminated soils were excavated during 2006 and backfilling of the 219,000 cubic yard excavation is in progress. This work is being performed by Archer Construction Inc. of Riverton, Wyoming, using a crew of approximately ten (10) men.

Mill operations remain suspended. There are two mobile homes near the south edge of the site's chain link fence. The resident caretaker uses one for approximately four (4) days out of each week and a security guard uses the other (the one closest to the chain link fence) approximately three days of each week. The security guard is considered the nearest resident for purposes of dose calculation and estimation.

The Sweetwater Uranium Project's potable water wells are the only drinking water sources in the area. The Bureau of Land Management (BLM) maintains three water wells with tanks for livestock and wildlife watering within the area. The wells are located one mile southeast, four miles east and five miles northeast of the facility. All of the Bureau of Land Management wells are up gradient of the restricted area in regard to the regional ground water gradient.

If there are any questions regarding this report please contact me at (307) 328-1476 or (307) 324-4924.

Sincerely yours,

Oscar A Paulson

Oscar Paulson
Facility Supervisor/RSO

cc: S. Cohen, Project Manager (NRC)
Director, DRSS (NRC) - Arlington, TX
John Lucas – Rio Tinto Energy America

DIESEL CONTAMINATED SOIL EXCAVATION

The excavation was completed in March 2003. A sign-off letter and page changes to the report submitted in February 2003 to make it a final report were submitted on July 31, 2003. The excavation is still open pending remediation of the land-farmed soils to the 100-milligram per kilogram clean soil standard, at which point they can be used as backfill. The average concentration in the land-farmed soils was 91.5 milligrams per kilogram in September 2006; however, some samples are still above the 100-milligram per kilogram clean soil standard.

The land farm was last sampled on September 29, 2006. The sample collected from the location 200 North/-200 East on September 29, 2006 had the following results:

	0' – 3'	3' – 5'
• Diesel Range Organics (DRO)	2500 mg/kg	111 mg/kg
• Oil Range Organics (ORO)	ND	ND
• Total Extractable Hydrocarbons	2510 mg/kg	112 mg/kg

This anomalously high concentration sample biased the entire sample set of 102 samples from 51 locations. If this single sample were removed from the sample set the average hydrocarbon concentration of the land farm would be substantially lower.

The State of Wyoming Department of Environmental Quality, Land Quality Division, reviewed the sample data submitted for the land farm in their 2006 Annual Inspection Report and Annual Report Review, stating:

> "Since Kennecott has followed the permit (i.e. pages I-55 through I-60 in the Mine Plan) in all its land farming procedures at Permit 481, the company is authorized to remove the materials from the portions of the land farm noted in Appendix 13 of the 2005/2006 Annual Report as having DRO concentrations of 100 ppm or less."

Thus, Kennecott Uranium Company can remove land farmed material from grids with a Diesel Range Organic concentration of 100 parts per million or less and backfill that material into the open excavation.

Rio Tinto Energy America
Kennecott Uranium Company
PO Box 1500, 42 Miles NW of Rawlins
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Tel: (307) 324-4924 Fax: (307) 324-4925

27 February 2007

Mr. Keith I. McConnell, Deputy Director
Division of Waste Management & Environmental Protection
Office of Federal & State Materials & Environmental Management Programs
11545 Rockville Pike, Mail Stop T7-E18
Rockville, MD 20852

Dear Mr. McConnell:

SUBJECT: Sweetwater Uranium Project – Docket Number 40-8584
Source Material License No. SUA-1350
Annual Corrective Action Program Review and Groundwater Monitoring Report

Enclosed is a CD-ROM containing Kennecott Uranium Company's Annual Corrective Action Program Review for 2006.

The report summarizes all monitoring and mitigation efforts in the area of the tailings cell under the ground water corrective action program as defined in License Condition 11.3 of USNRC Source Materials License SUA-1350 and also contains the ground water monitoring data required to be submitted under License Condition 12.3.

If you have any questions, please do not hesitate to contact me at (307) 328-1476.

Sincerely,

Oscar A Paulson

Oscar A. Paulson
Facility Supervisor

cc: Mr. Mark Thiesse, Wyoming DEQ/WQD
Stephen J. Cohen (2), Project Manager, USNRC
Director – NRC DRSS – Region IV (w/o enclosure)
John Lucas – RTEA, Gillette, WY

KENNECOTT URANIUM COMPANY
ANNUAL CORRECTIVE ACTION PROGRAM REVIEW
January 2006 through December 2006

EXCURSION PUMPBACK SYSTEM

Perched Wells

All perched wells around the tailings impoundment were essentially dry as of the fall of 1989 and are no longer pumped.

Two (2) perched wells, TMW-90 and TMW-105, were pumped during 2005. These wells are located west of the Catchment Basin and were pumped to remove previously spilled fluid perched on a clay layer approximately forty (40) feet below ground surface, in part, to prepare the area for future excavation.

These two wells were not considered part of the ground water Corrective Action Program (CAP) since their purpose was to recover spilled fluid as opposed to recovering contaminated ground water from the Battle Spring Aquifer, which is what the CAP regulates.

The recovery of these fluids was authorized by the site's Safety and Environmental Review Panel (SERP) under Safety and Environmental Evaluation (SEE) #6, approved on September 9, 2003, and an amendment to that document approved on March 26, 2004. These documents were inspected by the Nuclear Regulatory Commission (NRC) during an inspection on July 21, 2004. The inspector concluded that:

> "The SEEs were found to be technically adequate. The SERP had made decisions in accordance with the conditions of the performance based license."

The table below summarizes the performance of these wells:

WELL #	DATE STARTED	DATE SHUT DOWN	FLOW RATE (Gallons per Minute)	VOLUME PUMPED (Gallons)
TMW-90	03/01/05	11/14/05	0.01	3,693
TMW-105	03/15/05	11/14/05	0.02	7,123

Water sample data, flow information and salts removed data for these wells are included in the 2005 report. The wells were pumped by venturi pumps installed at the well bottom, driven by surface feeded pumps, and a reservoir barrel, which overflowed into a tank that was pumped periodically to the tailings impoundment.

The pumping of these wells was successful in that when the Catchment Basin excavation attained its complete depth (essentially the bottoms of these wells), no substantial amounts of free perched fluid were encountered. Pumping of these wells allowed for a dry excavation bottom. These wells were removed once the excavation attained bottom (approximately 6585 feet above mean sea level) in the area around these wells. The area around TMW-90 was excavated deeper than the planned depth of 6590 feet above mean sea level to remove some hydrocarbon contamination around the well.

Aquifer Wells

Tails Monitor Wells (TMW-) 7, 17, 18, 57, 58, 59 and 75 and TMW-96 and 97 (pumpback wells west of the Catchment Basin) were pumped into the tails cell during 2006 at the following annualized rates:

WELL #	PUMP HORSEPOWER	ANNUAL AVG. RATE
TMW-7	½ HP	3.9 GPM
TMW-17	1/3 HP	3.6 GPM
TMW-18	¾ HP	9.1 GPM
TMW-57	½ HP	6.4 GPM
TMW-58	¾ HP	4.6 GPM
TMW-59	1/3 HP	4.5 GPM

WELL #	PUMP HORSEPOWER	ANNUAL AVG. RATE
TMW-75	½ HP	2.7 GPM
TMW-96		8.4 GPM
TMW-97		9.2 GPM
TOTAL		**52.4 GPM**

Note: Extended periods of down time are not included in well operating time for computation of flow rates.

TMW-75 and TMW-17 were pumped to collect the portion of the excursion along the cell's north wall. Wells 7, 18 and 59 maintained a cone of depression along the west side of the tailings cell intercepting the major portion of the excursion. TMW-57 and TMW-58 maintained a cone of depression extending 560 feet west of the western side of the cell.

TMW-96 and TMW-97, located along the east wall of the Solvent Extraction Building, were pumped to collect the highest levels of uranium in the Catchment Basin plume. TMW-96 and 97 have shown a remarkable drop in contaminant concentrations since pumping started. TMW-96 has gone from a Total Dissolved Solids (TDS) concentration of 2430 mg/L (9/20/04) to 806 mg/L (10/7/06) and a uranium concentration of 760 pCi/L (9/20/04) to 16.6 pCi/L (10/7/06). TMW-97 has gone from a TDS concentration of 2210 mg/L (3/7/05) to 648 mg/L (11/9/06) and a uranium concentration of 548 pCi/L (3/7/05) to 19.2 pCi/L (11/9/06). Kennecott Uranium Company believes that these declines indicate that the plume associated with the Catchment Basin is of limited extent.

TMW-16 was replaced with a new well, TMW-7, completed approximately sixty (60) feet south of it, on August 18, 2003. TMW-16 exhibited continuing problems and would not, in spite of repeated attempts to clean, acidize or bleach it, yield sufficient water to support a pump. When operating it would yield water; however, the well would frequently cease pumping and be down for extended periods while being cleaned. TMW-7 was screened at a depth (100-150 feet) that fully overlapped the completion interval (120-145 feet) of TMW-16. TMW-16 ceased pumping on May 15, 2003. Pumping was initiated in TMW-7 on December 1, 2003. Completion of this replacement well was discussed with Elaine Brummett in a telephone conversation at 1:50 pm on August 20, 2003, and a follow-up email message on that date. The well produces 3.9 gallons per minute of water and has not required any of the maintenance or cleaning that its predecessor, TMW-16, required.

A pump was installed and started in TMW-58 in late June of 1994. The well was completed in July 1985. TMW-58 continues to yield water at an excellent rate, 4.6 gallons per minute, in 2006. Installation of the pump followed receipt of a letter dated April 8, 1994 from NRC/URFO which stated, "We find that the proposed changes to your Corrective Action Program (CAP) are responsive to our review findings submitted to your company on September 3, 1992. We also consider that specific seepage collection locations are no longer required. Rather, Kennecott should use its discretion in maintaining the CAP, and all changes should be described in routine annual progress reports."

This letter was in response to a review prepared by Kennecott Uranium Company and submitted in response to a letter dated September 3, 1992 which was received from NRC/URFO requesting Kennecott Uranium Company to review the most recent monitoring data from the Corrective Action Program (CAP) and propose modifications to the program. The review dated December 4, 1992 and submitted to NRC/URFO contained the following conclusions:

1. The contaminant plume is confined solely to the upper fifty (50) feet of the saturated zone of the Battle Springs Formation. This conclusion is based on the sample results from three (3) monitor wells completed in a deeper sand in 1991, which show no evidence of contamination.
2. The existing five (5) pumpback wells are adequate to recover the groundwater contaminated by past leakage.

Kennecott Uranium Company, in order to accelerate the remediation process, had requested an amendment to SUA-1350 in the December 4, 1992 review to install a pump of at least 1/3 horsepower in TMW-58. Upon receipt of the letter dated December 4, 1992, however, it became clear that such an amendment was not required.

A pump was installed in TMW-57 on May 17, 2001. This well performs well, yielding an average of 6.4 gallons per minute.

The observed TDS values in TMW-63 and TMW-18 are identical. (See *Comparison of TMW-18 and TMW-63* on the following page.) There is little difference in Total Dissolved Solids concentrations vertically across the upper fifty-feet of the aquifer.

COMPARISON OF TMW-18 AND TMW-63

MAJOR IONS mg/l:	TMW-18 4/10/06	TMW-63 5/4/06	Reporting Limit (4/10/06)
Ca	665	625	0.6
Mg	52.0	45.0	0.5
Na	92.2	93.4	0.5
K	7.1	6.8	0.5
CO3	<1	<1	1.0
HCO3	580	587	1.0
SO4	1340	1320	1.0
Cl	102	86	1.0
NO3	<0.1	<0.1	0.10
F	<0.1	<0.1	0.10
SiO2	25	24	1.0
TDS @ 180 C.	2530	2530	10
Cond (umho/cm)	2900	2890	1.0
Alk-CaCO3	475	481	1.0
pH (units)	7.23	7.10	0.01
TRACE METALS mg/l:			
Al	<0.10	<0.10	0.10
As	<0.001	<0.001	0.001
Ba	<0.10	<0.10	0.10
Be	<0.01	<0.01	0.01
B	<0.10	<0.10	0.10
Cd	<0.005	<0.005	0.005
Cr	<0.01	<0.01	0.01
Co	0.001	<0.001	0.001
Cu	<0.01	<0.01	0.01
CN	<0.005	<0.005	0.005
Fe	8.21	1.77	0.05
Pb	<0.01	<0.01	0.01
Mn	1.30	0.58	0.01
Hg	<0.0002	<0.0002	0.0002
Mo	<0.01	<0.01	0.01
Ni	<0.01	<0.01	0.01
Se	0.002	<0.001	0.001
Ag	<0.01	<0.01	0.01
Tl	<0.010	<0.010	0.010
V2O5	<0.10	<0.10	0.10
Zn	<0.01	<0.01	0.01
RADIOMETRIC pCi/L:			
U	0.9	1.4	0.2
Ra226	2.7 ± 0.6	4.6 ± 1.0	0.2
Ra228	13.1 ± 1.1	12.6 ± 1.5	1.0
Th230	<0.2	<0.2	0.2
Pb210	<1.0	<1.0	1.0
Gross Alpha	8.9 ± 1.6	4.5 ± 1.1	1.0
Q.A. DATA:			
Anion/Cation Bal:	0.98	1.02	0.80-1.20

In the summer of 1991, TMW-8, TMW-24 and TMW-47 were completed in the Battle Springs Aquifer at depths below 200 feet to test saturated sands beneath a clay layer separating them from the upper fifty (50) feet of the saturated zone. Samples from wells TMWs 8, 24 and 47 (shown on the following pages, *Lower Saturated Sand Monitor Well Sampling Results*) however, clearly show that the contaminants have not penetrated the sands beneath the upper fifty (50) feet of the saturated zone since the TDS concentrations in 2004 are all below 250 parts per million.

During 1995, Shepherd Miller, Inc. completed a background groundwater study for the area around the Sweetwater Uranium Project. The object of this study was to define background in groundwater around the Sweetwater Uranium Project for a number of chemical and radiological constituents. The study examined the results of over 1000 groundwater samples collected in the vicinity of the project including samples from TMWs 8, 24 and 47 and concluded, *"Water quality sampling of three wells completed within the lower saturated sand, TMWs 8, 24 and 47, shows it to be unaffected by seepage from the cell, indicating that flow from the upper to lower saturated sands is retarded by the claystone layer."* Thus samples from TMWs 8, 24, and 47 show that the contamination is confined to, and distributed in, the upper fifty (50) feet of the saturated zone of the Battle Spring Aquifer and penetrates no deeper.

LOWER SATURATED SAND MONITOR WELL SAMPLING RESULTS

MAJOR IONS mg/l:	TMW-8 8/23/06	TMW-24 8/23/06	TMW-47 8/22/06	Reporting Limit (8/22/06
Ca	23.9	21.0	20.0	0.5
Mg	0.8	0.9	0.7	0.5
Na	35.1	28.5	30.9	0.5
K	1.3	1.3	1.2	0.5
CO3	<1	<0.1	<1	1.0
HCO3	102	105	104	1.0
SO4	56	37	37	1.0
Cl	3	3	2	1.0
NO3	<0.1	<0.1	<0.1	0.10
F	0.2	0.2	0.2	0.10
SiO2	14	14	15	1.0
TDS @ 180 C.	180	160	150	10
Cond (umho/cm)	310	266	265	1.0
Alk-CaCO3	84	86	85	1.0
pH (units)	8.10	8.20	8.16	0.01
TRACE METALS, mg/l:				
Al	<0.1	<0.1	<0.1	0.10
As	0.002	0.001	0.001	0.001
Ba	<0.1	<0.1	<0.1	0.10
Be	<0.01	<0.01	<0.01	0.01
B	<0.1	<0.1	<0.1	0.10
Cd	<0.005	<0.005	<0.005	0.005
Cr	<0.01	<0.01	<0.01	0.01
Co	<0.001	<0.001	<0.001	0.001
Cu	<0.01	<0.01	<0.01	0.01
CN	<0.005	<0.005	<0.005	0.005
Fe	<0.05	0.05	<0.05	0.05
Pb	<0.01	<0.01	<0.01	0.01
Mn	0.04	0.01	<0.01	0.01
Hg	<0.0002	<0.0002	<0.0002	0.0002
Mo	<0.01	<0.01	<0.01	0.01
Ni	<0.01	<0.01	<0.01	0.01
Se	<0.001	<0.001	<0.001	0.001
Ag	<0.01	<0.01	<0.01	0.01
Tl	<0.010	<0.01	<0.01	0.010
V2O5	<0.1	<0.1	<0.1	0.10
Zn	<0.01	<0.01	<0.01	0.01
RADIOMETRIC pCi/L:				
U	<0.2	0.4	0.3	0.2
Ra226	0.6 ± 0.3	0.9 ± 0.3	5.2 ± 0.7	0.2
Ra228	<1	2.6 ± 1.2	<1	1.0
Th230	<0.2	<0.2	<0.2	0.2
Pb210	<1.0	<1.0	<1.0	1.0
Gross Alpha	<1.0	1.3 ± 0.9	4.7 ± 1.4	1.0
Q.A. DATA:				
A/C Balance	0.95	1.03	0.95	0.80-1.20

Kennecott Uranium Company submitted a study entitled "Addendum to the Revised Environmental Report Background Ground Water Quality and Detection Standards" on February 2, 1996. This study examined the results of over 1000 water samples, with the intent of defining background parameters for chemical and radiological constituents in the Battle Springs Aquifer around the site. The study proposed new Groundwater Protection Standards (GPS) for the site based upon these newly developed background values. This study was submitted with a request to amend SUA-1350 to change the Groundwater Protection Standards to the levels proposed in the study as well as to eliminate some groundwater protection standards (GPS).

By license amendment dated May 28, 1998, the NRC amended the Groundwater Protection Standards in SUA-1350 to those values requested by Kennecott Uranium Company in an amendment request dated January 1996 entitled "Addendum to the Revised Environmental Report - Background Ground Water Quality and Detection Standards". In addition, Groundwater Protection Standards for barium, cyanide, lead, mercury, molybdenum, silver and thallium were deleted from the license. The table below outlines the changes to the Groundwater Protection Standards in SUA-1350. The control charts reflect these Groundwater Protection Standards.

Constituent	**Former NRC Ground Water Protection Standard, License SUA-1350**	**Revised NRC Ground Water Protection Standard, License SUA-1350**
		(Revised May 28, 1998)
Arsenic	0.05 mg/l	0.05 mg/l
Barium	1.0	Deleted
Beryllium	0.01	0.01 mg/l
Cadmium	0.01	0.01 mg/l
Chromium	0.05	0.05 mg/l
Cyanide	0.005	Deleted.
Lead	0.05	Deleted
$Lead^{210}$	1.4 pCi/l	8.9 pCi/l
Mercury	0.002	Deleted
Molybdenum	0.04	Deleted
Nickel	0.01	0.01 mg/l
Ra^{226}/Ra^{228}	2.8 pCi/l	5.8 pCi/l
Selenium	0.01	0.01 mg/l
Silver	0.05	Deleted
Thallium	0.01	Deleted
$Thorium^{230}$	10.0 pCi/l	7.0 pCi/l
Natural Uranium	1.7 pCi/l	36.0 pCi/l
Gross Alpha	6.6 pCi/l	15 pCi/l
		Added May 26, 2005
Aluminum	None	1.8 mg/l
Iron	None	0.6 mg/l
Manganese	None	0.2 mg/l
1,1-dichloroethane	None	3.0 mg/l
1,1-dichloroethene	None	0.007 mg/l
DRO	None	10 mg/l
GRO	None	10 mg/l
Naphthalene	None	1.5 mg/l
Toluene	None	1 mg/l
1,1,1-Trichloroethane	None	0.20 mg/l
1,2,4-Trimethylbenzene	None	0.012 mg/l
1,3,5-Trimethylbenzene	None	0.012 mg/l
M+p xylenes	None	10 mg/l

In a submittal dated December 15, 2004 Kennecott Uranium Company proposed groundwater protection standards (GPS) for aluminum, iron, manganese and ten (10) organic constituents. These proposed standards are also based on the background ground water study. They have been approved. They were proposed in response to the contamination of the aquifer found around the Catchment Basin. These are shown in the table above.

The ground water Corrective Action Program was revised to include the groundwater plume around the Catchment Basin by a license amendment dated May 26, 2005. This amendment was granted following these submittals and an Environmental Assessment (EA):

- Source Material License SUA-1350 Request for Amendment to License Condition 11.3 – Groundwater Corrective Action Program – May 12, 2004
- Response to Comments – July 22, 2004
- Response to Request for Additional Information – October 28, 2004
- Environmental Assessment for Amendment of Source Material License SUA-1350 for the Catchment Basin Reclamation – May 5, 2005

This report includes the plume around the tailings impoundment and the Catchment Basin.

Maps of the natural uranium, combined radium 226/228 and total dissolved solids plumes are included in this report. The table on the following page entitled Monitor Well Coordinates shows the screened intervals for the wells around the tailings impoundment and Catchment Basin. The plume exists in the upper saturated fifty (50) feet of the Battle Springs Formation, roughly from 100 to 150 feet below surface.

When wells are sampled the pump is run to the bottom of the well and then retracted several feet and the sample collected. If the well is deeper than the length of hose on the sampling truck reel (approximately 238 feet) the pump is lowered until several wraps of hose remain on the drum and the sample is collected. Provided that the screen is not plugged the water sample will generally come from the section of screen nearest the pump.

TMWs 8, 24 and 47 were intentionally completed solely in the range of 197 to 240 feet below surface to sample the sands beneath the plume. Samples from these wells have never been used to construct natural uranium, combined radium 226/228 or total dissolved solids plume maps. However, in the past, data from TMWs 1, 2, 3, 4, 5 and 6 were used in the construction of plume maps since, except in the case of TMW-1 which is completed from 160 to 260 and 280 to 300, they were screened in the plume and also in the sands beneath the plume. Beginning with this review, TMWs 1, 2, 3, 4, 5 and 6 are not being used to define the plume since the water being sampled from these wells could come from sands beneath the plume, given how the sample pump is set in the wells as described in the paragraph above.

Kennecott Uranium Company
Sweetwater Facility

MONITOR WELL COORDINATES

WELL #:	NORTHING	EASTING	SURFACE ELEVATION	CASING HEIGHT	CASING ELEVATION	T.D. ELEVATION	PERCH (P)/ AQUIFER(A)	SCREEN INTERVAL
TMW 1	150,107.66	324,536.42	6,648.22	0.00	6,648.22	300.00	A	160-260, 280-300
TMW 2	147,133.96	324,360.13	6,626.32	0.77	6,627.09	300.00	A	135-295, 295-300
TMW 3	145,984.03	324,361.03	6,624.74	1.53	6,626.27	300.00	A	100-267
TMW 4	147,141.81	323,176.55	6,625.74	1.15	6,626.89	267.00	A	100-267
TMW 5	149,053.50	328,102.80	6,656.49	2.10	6,658.59	270.00	A	100-267
TMW 6	145,356.25	327,464.50	6,640.26	1.40	6,641.66	267.00	A	100-267
TMW 7	149,339.63	325,014.08	6,652.96	1.44	6,654.40	150.00	A	100-150
TMW 8	149,912.15	324,561.80	6,645.64	0.83	6,646.47	260.00	A	220-240
TMW 15	147,910.39	325,006.29	6,642.09	1.17	6,643.26	128.00	A	78-120
TMW 16	149,397.99	325,023.08	6,654.35	1.27	6,655.62	145.00	A	95-145
TMW 17	149,602.14	325,994.00	6,660.19	0.68	6,660.87	150.00	A	100-150
TMW 18	148,922.42	325,018.57	6,654.91	1.07	6,655.98	146.00	A	96-146
TMW 19	149,601.80	326,095.60	6,660.36	1.18	6,661.54	38.00	P (DRY)	20-38
TMW 20	149,700.99	325,592.79	6,659.62	1.67	6,661.29	59.00	P (DRY)	39-59
TMW 21	149,700.09	325,793.65	6,658.05	1.35	6,659.40	53.00	P (DRY)	33-53
TMW 22	149,701.66	325,893.48	6,658.27	1.41	6,659.68	48.00	P (DRY)	28-48
TMW 23	149,703.49	325,993.59	6,658.32	0.96	6,659.28	44.50	P (DRY)	15-44.5
TMW 24	150,307.90	325,992.24	6,659.20	2.01	6,661.21	245.00	A	215-235
TMW 29	150,108.27	326,786.49	6,655.98	0.66	6,656.64	150.00	A	100-150
TMW 30	149,708.73	326,995.29	6,658.41	0.81	6,659.22	38.50	P (DRY)	18.5-38.5
TMW 31	149,901.61	327,194.15	6,660.04	1.05	6,661.09	149.50	A	99.5-149.5
TMW 34	149,487.48	326,987.78	6,656.35	1.57	6,657.92	35.70	P (DRY)	24.7-35.7
TMW 35	149,509.35	327,198.92	6,656.54	1.21	6,657.75	147.00	A	97-147
TMW 36	149,108.62	327,007.02	6,656.48	1.27	6,657.75	146.00	A	96-146
TMW 37	148,455.68	326,999.77	6,649.39	1.34	6,650.73	138.50	A	88.5-138.5
TMW-38	149,353.55	326,798.27	6,656.78	2.07	6,658.85	97.00	P (DRY)	67-97
TMW 44	147,612.17	325,588.96	6,636.84	0.68	6,637.52	135.00	A	85-135
TMW 45	147,619.66	326,196.14	6,640.37	0.63	6,641.00	135.00	A	85-135
TMW 47	147,310.10	326,491.24	6,638.73	1.62	6,640.35	230.00	A	197-217
TMW 48	147,312.58	326,482.99	6,638.50	1.22	6,639.72	160.00	A	100-150
TMW 49	147,708.93	324,836.10	6,639.23	0.96	6,640.19	150.00	A	100-150
TMW 50	148,198.81	324,697.71	6,646.76	1.04	6,647.80	150.00	A	100-150
TMW 51	147,995.26	324,449.18	6,648.40	1.60	6,650.00	170.00	A	110-160
TMW 52	148,316.56	324,221.64	6,643.25	1.45	6,644.70	150.00	A	100-150
TMW 53	147,849.28	323,913.72	6,640.03	1.44	6,641.47	160.00	A	100-150
TMW 54	149,122.85	324,827.05	6,650.73	1.33	6,652.06	58.51	P (DRY)	43.5-58.5
TMW 55	149,098.35	324,587.76	6,648.10	1.38	6,649.48	75.00	P (DRY)	49-75
TMW 56	149,105.02	324,418.67	6,646.15	1.57	6,647.72	137.00	A	87-137
TMW 57	149,296.82	324,590.47	6,647.74	2.12	6,649.86	137.00	A	87-137
TMW 58	148,915.74	324,570.92	6,645.75	1.21	6,646.96	137.00	A	87-137
TMW 59	148,403.85	325,013.86	6,647.46	0.69	6,648.15	138.00	A	90-138
TMW 61	148,422.32	324,592.68	6,648.30	1.06	6,649.36	150.00	A	100-150
TMW 62	148,789.00	324,277.11	6,645.12	1.01	6,646.13	150.00	A	100-150
TMW 63	148,924.39	325,009.90	6,653.83	0.94	6,654.77	130.00	A	110-130
TMW 64	149,797.71	324,991.71	6,651.55	0.70	6,652.25	150.00	A	97-147
TMW 65	149,805.22	325,191.36	6,653.48	1.40	6,654.88	77.85	P (DRY)	54.7-77.7
TMW 66	149,799.18	325,392.21	6,656.76	1.29	6,658.05	68.00	P (DRY)	58-68
TMW 67	150,003.26	325,192.80	6,655.02	1.61	6,656.63	72.00	P (DRY)	54-72
TMW 68	150,203.84	325,189.90	6,653.60	1.44	6,655.04	93.00	P (DRY)	76-91
TMW 69	149,649.27	324,659.43	6,653.46	1.01	6,654.47	150.00	A	100-150
TMW 70	149,309.09	324,369.82	6,649.83	1.23	6,651.06	160.00	A	100-150
TMW 71	149,835.18	324,420.67	6,652.59	1.93	6,654.52	160.00	A	100-150
TMW 72	149,020.47	322,991.15	6,640.35	1.06	6,641.41	114.00	A	90-114
TMW 73	149,055.70	322,896.82	6,643.31	1.54	6,644.85	115.00	A	90-115
TMW 74	149,799.32	325,791.92	6,659.23	0.95	6,660.18	62.50	P (DRY)	42.5-62.5
TMW 75	149,801.01	325,992.80	6,658.93	1.25	6,660.18	150.00	A	97-147
TMW 76	149,703.72	326,194.12	6,657.24	1.24	6,658.48	76.00	P (DRY)	46-76
TMW 77	149,705.25	326,394.40	6,656.93	1.35	6,658.28	30.50	P (DRY)	15.5-30.5
TMW 78	149,900.26	325,592.38	6,657.66	0.84	6,658.50	150.00	A	99-149
TMW 79	149,905.36	326,388.81	6,659.70	1.82	6,661.52	53.00	P (DRY)	48-60
TMW 80	150,100.82	325,989.30	6,660.04	1.48	6,661.52	83.00	P (DRY)	57-82
TMW 81	150,107.59	326,384.61	6,658.50	1.46	6,659.96	47.50	P (DRY)	37.5-47.5
TMW 82	150,302.15	325,987.47	6,659.56	1.08	6,660.64	150.00	A	100-150
TMW 83	150,307.20	326,379.40	6,657.86	1.01	6,658.87	65.00	P (DRY)	40-65
TMW 84	150,506.27	326,376.61	6,660.36	1.50	6,661.86	147.00	A	97-147
TMW 85			6,657.31	1.81	6,659.12	94.00	P (DRY)	50-90
TMW 86	150,502.85	325,986.77	6,658.16	1.92	6,660.08	89.50	P (DRY)	71.5-89.5
TMW 87	150,200.92	325,789.12	6,658.49	2.11	6,660.60	88.00	P (DRY)	64-88
TMW 88	149,998.44	325,792.37	6,658.71	1.78	6,660.49	85.50	P (DRY)	62.5-85.5
TMW 89	150,809.67	326,137.13	6,659.33	1.42	6,660.75	160.00	A	100-150
TMW 90	148,611.25	323,958.92	6,638.27	1.55	6,639.82	55.00	P (DRY)	35-55
TMW 91	148,518.38	323,956.86	6,638.18	1.43	6,639.61	110.00	A	90-110
TMW-92	148,504.47	323,951.33	6,638.32	1.83	6,640.15	130.00	A	110-130
TMW-93	148,399.92	324,099.96	6,638.62	2.40	6,641.02	145.00	A	95-145
TMW-94	148,400.13	324,000.02	6,638.57	1.96	6,640.53	145.00	A	95-145
TMW-95	148,399.94	323,900.08	6,638.57	2.00	6,640.57	143.00	A	93-143
TMW-96	148,500.01	323,807.75	6,639.26	1.07	6,640.33	145.00	A	95-145
TMW-97	148,599.86	323,799.93	6,639.64	1.75	6,641.39	145.00	A	95-145
TMW-98	148,699.84	323,810.19	6,642.39	1.21	6,643.60	145.00	A	95-145
TMW-99	148,707.32	323,898.85	6,712.42	1.42	6,713.84	145.00	A	95-145
TMW-100	148,799.77	324,004.42	6,638.60	1.25	6,639.85	150.00	A	95-145
TMW-101	148,800.10	324,100.06	6,639.58	2.06	6,641.64	145.00	A	95-145
TMW-102	148,600.02	323,968.63	6,638.18	1.56	6,639.74	150.00	A	130-150
TMW-104	148,508.55	324,122.60	6,637.96	1.75	6,639.71	145.00	A	95-145
TMW-105	148,581.02	323,943.82	6,638.28	1.90	6,640.18	40.00	P (DRY)	20-40
TMW-111	148,800.06	324,200.03	6,642.39	1.56	6,643.95	145.00	A	95-145
TMW-112	148,700.09	324,199.95	6,641.49	1.75	6,643.24	145.00	A	95-145
TMW-113	148,600.06	324,199.95	6,641.55	1.96	6,643.51	145.00	A	95-145
TMW-115	148,499.96	324,199.79	6,640.92	2.00	6,642.92	145.00	A	95-145

A large quantity of diesel contaminated soil was excavated at the Sweetwater Uranium Project between November 2001 and March of 2003. This operation was reported to the Nuclear Regulatory Commission. Two (2) monitor wells, TMW-72 and 73, were completed immediately down gradient of the excavation and are shown on the maps in blue as Contaminated Soil Excavation Monitor Wells. TMW-72 and 73 were completed into the very top of the saturated portion of the Battle Spring Aquifer at 90 – 114 and 90 – 115 feet below surface, respectively. These wells are completed approximately ten feet above and fifteen feet into the saturated zone.

The purpose of these wells was to sample the top of the aquifer for hydrocarbons that may float on top of the aquifer surface. Since these wells were completed solely for monitoring of organics, the sampling/analysis instructions for these wells included only sampling and analyzing for organics. In several instances, however, the wells were sampled and analyzed for inorganics (Guideline 8 plus radiometrics), but since the wells were completed for hydrocarbon monitoring, the inorganic results were never checked and were filed separately from the organic results that were checked. During a review of water sample data these inorganic results were discovered and are presented in the Section entitled Diesel Excavation Monitor Wells. TMW-72, the easternmost well, exhibited elevated, but declining uranium concentrations. The current concentration (10/26/06) is 194 pCi/L (0.287 ppm). TMW-73, the westernmost well, currently exhibits a concentration (11/8/06) of 5690 pCi/l (8.40 ppm).

Upon discovery of this information, the following was done:

- TMW-72 was re-sampled and the sample analyzed for inorganics on October 26, 2006
- TMW-73 was also re-sampled on October 26, 2006 and on November 8, 2006. On November 8, 2006 the well was pumped and samples collected after 59, 450 and 932 gallons had been pumped, to determine if the uranium extended substantially beyond the well bore.
- The results of this sampling are attached in the section entitled Diesel Excavation Monitor Wells.

The sample results were reported verbally to Stephen Cohen of the NRC in two telephone conversations on February 7 and 14, 2007.

These results are puzzling for the following reasons:

- TMW-72 and 73 are approximately 106 feet apart and completed to the same depths.
- The wells exhibit vastly different natural uranium concentrations (194 pCi/L – TMW 72 and 5690 pCi/L – TMW 73).

The source of uranium in these wells is unclear. A number of potential sources have been considered and rejected. The primary concern was that the uranium present was related to the two other sources of groundwater contamination on site, specifically the tailings impoundment and the Catchment Basin. These locations as potential sources of the uranium as well as other potential uranium sources are discussed below.

Tailings Impoundment

It is extremely unlikely (almost impossible) that the uranium is derived from the tailings impoundment leak. TMW 63 is completed in the upper portion (110-1300 feet below surface) of the Battle Spring Aquifer immediately adjacent to TMW 18 and does not show the levels of uranium observed in TMW 73. In addition, uranium levels drop as one moves west of the impoundment, so the high levels of uranium observed in TMW 73 are inconsistent with this westerly drop in uranium concentrations. TMW 73 is 2126 feet west of TMW 18, which is against the western impoundment embankment. The fact that uranium concentrations vary markedly between TMW 72 and 73, which are close together, points to a localized source and not a distant one, since if the source was as distant as the tailings impoundment the wells should exhibit similar uranium concentrations since at that distance the uranium should be fairly uniformly distributed in the aquifer.

The actual tailings impoundment fluids when the leak occurred (1984) only contained 3047 pCi/L of natural uranium, which is below the current concentration of 5690 pCi/L in TMW 73 on 11/8/06. Please see the tailings impoundment fluid analysis results included in the Diesel Excavation Monitor Wells section.

In addition, no monitor wells in the upper portion of the Battle Spring Aquifer around the tailings impoundment, specifically TMWs 15, 16, 18 and 59, which are immediately against the west embankment of the impoundment, ever exhibited uranium concentrations in excess of 1286.3 pCi/L (TMW 18 on July 12, 1984).

Given the above, it is extremely unlikely (almost impossible) that the uranium observed in TMW 73 is derived from the tailings impoundment.

Catchment Basin

It is unlikely that the elevated uranium present in TMW 73 is derived from the Catchment Basin since it is 1188 feet from TMW 91, which was completed into the upper portion of the Battle Spring Aquifer (90-110 feet below surface) immediately west of the Catchment Basin (contaminant source). TMW 91 does not exhibit the elevated levels of uranium observed in TMW 73. TMW 91 had a maximum uranium concentration of 110 pCi/L (8/26/03). Clearly if TMW 91 never had high uranium concentrations and was immediately adjacent to the west side of the Catchment Basin, the Catchment Basin plume could not be the source of the uranium in TMW 73.

Also, the extremely rapid reduction of uranium contamination in TMWs 96 and 97 indicates contamination of limited areal extent. The fact that contaminant levels vary markedly between TMW 72 and 73 which are close together, points to a localized source and not a distant one. If the source was distant, the wells should exhibit similar uranium levels since at that distance the uranium should be fairly uniformly distributed in the aquifer.

Sweetwater Pit

While the pit was being excavated the dewatering system made it a hydrologic sink, so the pit could not have been a source at that distance. Following cessation of dewatering the pit began to fill and the water contained significant concentrations of uranium, a high of 9478 pCi/L on April 3, 1987. This uranium was dissolved out of the backfill in the C-1 pit by the infiltrating ground water. The water level in the pit only attained steady state by 1997 or 1998 at which point it became an evaporative sink, so it could not have been a source of uranium. Groundwater contour mapping of the pit and its environs based on the dewatering wells as well as modeling performed by Shepherd Miller, Inc. in 1999 as part of the reclamation plan revision clearly demonstrate that the pit is a continuing evaporative sink. During its life the pit was either dewatered, recharging, or of late, an evaporative sink, so it could not be a source of groundwater contamination. This eliminates the pit as a source of the uranium.

Barium Chloride Discharge Area

The barium chloride ponds were treatment ponds where mine discharge water was treated with barium chloride to precipitate radium and discharged into Battle Spring Draw. The discharge created (by seepage of clean discharged water through uraniferous and seleniferous overlying soils) a groundwater mound in the Battle Spring Aquifer beneath the discharge point containing uranium and selenium. This is documented in the following two reports that were submitted to the State of Wyoming Department of Environmental Quaity to explain elevated uranium and selenium concentrations in North Camp Well:

- Interim Report – Groundwater Investigation in the Vicinity of the Barium Chloride Treatment Ponds – February 1983
- Groundwater Investigation in the Vicinity of the Barium Chloride Treatment Ponds – July 1984

Natural uranium persists in the North Camp Well (NCW) to this day (1370 pCi/L – June 5, 2006). Some of this fluid could have migrated toward the diesel contaminated soil excavation when the dewatering and discharge system was operating and a sharp cone of depression was present around the pit due to the action of the dewatering wells as well as a discharge/injection water mound beneath the barium chloride ponds. This is, however, highly unlikely since TMWs 72 and 73 are not in direct line between the barium chloride ponds and the pit dewatering wells. The distance between the barium chloride ponds and TMWs 72 and 73 is 1½ miles and the uranium and selenium bearing water should distribute uniformly; both wells would show approximately the same uranium and selenium concentrations, which they do not. The westernmost well (TMW 73) has the highest uranium and selenium concentrations and is closest (but by only 106 feet) to any hypothetical line between the barium chloride ponds and a dewatering well. The great distance from the barium chloride ponds to these two wells (1½ miles) makes the barium chloride ponds as a uranium source unlikely.

Localized Naturally Occurring Uranium in Soils Leaching into Groundwater

The Geology of the Lost Creek Schroeckingerite Deposits Sweetwater County, Wyoming (Geological Survey Bulletin 1087-J) by Charles Maxwell et al reported uranium concentrations in water samples collected in bore holes ranging from 0.010 to 46 parts per million. Clearly, very high naturally occurring uranium concentrations in ground water can exist in the Red Desert. The uranium encountered in the water in this borehole may be entirely natural. The levels of uranium in ground water reported in the Survey Bulletin tended to be very spotty, which is similar to the spotty nature of the uranium observed in TMWs 72 and 73.

A test pit was excavated by Union Oil Company of California prior to the start of operations near the southeast corner of Section 16, Township 24 North, Range 93 West, that was 68 feet deep (bottom elevation was approximately 6540 feet above mean sea level). It was excavated to obtain samples of uranium mineralization above the water table. A bulk sample of mineralized sand above the water table was removed that contained 0.011% U_3O_8 and a bulk sample from below the water table was also removed that contained 0.033% U_3O_8. (Recovery of Uranium from Red Desert Sandstone Ore by H_2SO_4 Leach and Solvent Extraction – Hazen Research, Inc. February 18, 1976) This test pit was approximately 0.9 miles southwest of TMW 73. Some soil samples were collected in the diesel contaminated soil excavation along the south wall closest to TMWs 72 and 73. One sample contained 43.3 milligrams per kilogram uranium. It was collected from a depth of approximately 35 feet below ground surface. Background for uranium in surface soils around the project is 2.44 milligrams per kilogram. The concentrations discovered in the above described sample are substantially above background and represent mineralized sands. Localized bodies of mineralized sands could be the source of the elevated uranium in TMWs 72 and 73. A map entitled Background Radionuclide Sample Locations – West End Diesel Contaminated Soil Excavation, showing the locations of four soil samples collected in the excavation as well as the analytical results are included in the section entitled Diesel Excavation Monitor Wells.

The fact that the discharge of water onto the surface at the Barium Chloride Ponds was able to mobilize naturally occurring uranium in surface soils and elevate uranium concentrations in the underlying aquifer shows that uranium mobilized by downward percolating surface water can elevate uranium concentrations in underlying aquifers. Surface water (rainfall, snowmelt) percolating through mineralized sands may be the cause of the elevated uranium concentrations in TMWs 72 and 73.

Kennecott Uranium Company plans to complete three pairs of monitor wells as shown on the map entitled Proposed Well Locations to further investigate this issue. Each monitor well pair will consist of a below surface (the same depth as TMW 72 and 73 were completed) and one well completed from approximately 100 to 150 feet below surface to sample the entire upper saturated fifty feet of the aquifer into which most of the wells around the Catchment Basin and tailings impoundment. In addition soil samples will be collected from these wells as drilled to check for anomalous uranium concentrations in the subsurface. These six wells, when completed at the depths and locations described, should provide critical water sample data for the area between TMWs 72 and 73 and the Catchment Basin and tailings impoundment.

Consideration is also being given to excavating one or more holes in the deepest part of that diesel contaminated soil excavation (elevation 6554 above mean sea level), which is 12.46 feet above the elevation of the piezometric surface in TMW 72 (6541.54 – December 2006). These holes would be excavated into the aquifer using a trackhoe. Samples could be collected of the soil as the hole is excavated for testing for uranium. Once the hole is excavated perforated PVC pipe would be placed vertically in it and gravel packed so water samples could be collected. This would provide another sampling point into the upper portion of the Battle Spring Aquifer in the vicinity of TMW 72 and 73. This sampling location would be approximately 131 feet north of TMW 72.

Stephen Cohen, in an email dated Thursday, February 15, 2007, requested a plan to investigate this contamination, including sampling of TMWs 72 and 73 in conjunction with other site wells, specifically TMW 91, which is completed at the same depth, and simultaneous collection of water level data. Water levels are collected from site wells monthly and usually on the same date, so this is being done already. The simultaneous collection of samples from TMWs 72, 73 and 91 is scheduled for a day in April 2007.

The *Uranium (U-nat) Contour Map* (see Maps) shows the 36.0 pCi/L uranium contour in red, based on the 36.0 pCi/L uranium GPS, based on samples taken in 2006 for the tailings and Catchment Basin monitor wells. The highest uranium concentration for 2006 for each well was used to prepare this map. The area encompassed by the 36.0 pCi/L uranium contour on the 2006 map is 39.6 acres. This is more than the 28.9 acres estimated for the end of 2005 and about the same as the estimated 35.7 acres calculated for 2004. This acreage estimate depends upon the inferred outline of the plume beneath the tailings impoundment, an area for which there is no sample data. This plume area may vary from year to year based upon differing interpretations of the plume outline position. The plume outline includes the uranium contamination around the Catchment Basin.

The *Combined Radium-226/228 Contour Map* (see Maps) shows the areal extent of the 5.8 pCi/L radium 226/228 plume boundary in green. This map shows the combined radium 226/228 plumes in 2006. The plume as drawn encompasses a total area of 148.6 acres on the 2006 map. This is more than the 136.8 acres estimated for the end of 2005 and close to the estimated 146.2 acre area calculated for 2004. This acreage estimate is subject to interpretation since the actual outline of the plume beneath the tailings impoundment is unknown because no monitor wells penetrate the impoundment.

The Total Dissolved Solids - *TDS Contour Map* (see Maps) shows the TDS plume in the vicinity of the tailings impoundment and Catchment Basin in 2006. The area encompassed by the 500 parts per million contour is 170.2 acres on the 2006 map. This is greater than the estimated 148.3 acre area calculated for 2005.

In November 1996, as part of the field work program to develop a final design for tailings management for the Sweetwater Uranium Project, eighteen control points (section corners, quarter corners, etc.) covering a nine square mile area around the mill were surveyed with a global positioning system. The original elevation of the southeast corner of Section 15, Township 24 North, Range 93 West was found to be wrong. Please see the memo submitted as Appendix A of the 1996 Corrective Action Program (CAP) Review from Kent Bruxvoort of Shepherd Miller, Inc. This point was used to establish ground surface and casing elevations for the tailings monitor wells (TMW) around the tailings impoundment.

As a result of this discovery, all of the casing elevations for all of the tailings monitor wells and potable water wells (PWW) were resurveyed by Inberg-Miller Engineers, Inc. of Riverton, Wyoming. A mark was filed into the top of the casing in each well and the casing elevation was surveyed at that mark. All water level measurements will now be taken from that mark as well, to insure accuracy and consistency of results. In addition, the casing heights of each well were measured so accurate ground elevations for each well could be obtained. These elevations are listed in Table 2.3 of "Evaluation of Aquifer Test Data", submitted as Appendix B of the 1996 Corrective Action Program (CAP) Review. The correction of the casing heights has affected the piezometric contours for the aquifer.

In December of 1996 a pump test was conducted in the area north of the tailings impoundment as part of the final tailings design field work program. The results of this test were documented in Appendix B, Evaluation of Aquifer Test Data (1996 CAP Review).

As of December 31, 2006, pumping from wells TMW-7, 17, 18, 57, 58, 59 and 75 did not exceed the 25 million gallons allowed under "TOP-1 - General Tailings and Evaporation Impoundment Procedures". On December 31, 2006 a total of 24,348,650 gallons of Battle Spring Aquifer water had been pumped back into the tails cell since the beginning of the year. This represents an 18% increase over the 2005 volume. This increase in volume is largely due to the two new Catchment Basin pumpback wells (TMW-96 and TMW0-97).

As part of the process of obtaining an operating performance based license for the facility, which was granted on August 18, 1999, Elaine Brummett requested in a telephone conversation on July 7, 1999 that a Standard Operating Procedure (SOP) be prepared limiting annual pumpback to no more than 25 million gallons per year and to an annual amount that would cause no net rise in the fluid level in the tailings impoundment, minor seasonal fluctuations excepted. This SOP would extend the 25 million gallon per year pumpback limit that was a pre-existing requirement in License Condition 10.7A of the old license. This language is included in the Standard Operating Procedure entitled "TOP-1 - General Tailings and Evaporation Impoundment Procedures". *Table 1 – Gallons Pumped to Tailings Impoundment* (see Tables) lists the wells pumped, the volumes pumped and the cumulative gallons pumped for years 1986 - 2006. The flow from some wells was reduced and some shut down near the end of the year to keep the total pumped volume below 25 million gallons. It is planned for 2007 to operate the pumpback wells at the following approximate flow rates:

WELL #	Gallons per Minute
TMW-96	5
TMW-97	5
TMW-59	4
TMW-75	5
TMW-17	4
TMW-7	5
TMW-57	4
TMW-18	8
TMW-58	4
Total:	**44**

TMWs 59, 18 and 58 have the highest Total Dissolved Solids concentrations (2450 ppm, 2510 ppm and 1000 ppm) so they will be operated at the highest flow rates with the other less contaminated wells pumped at lower rates so that the total pumped volume does not exceed 45 gallons per minute.

Problems with iron bacteria growth continued in 2006; however, a chlorination program, instituted in 1996, has helped control the bacteria. In addition, an increased effort was made during 2005 to clean and maintain the wells and pumps. With the replacement of TMW-16 with TMW-7, less repair/maintenance/cleaning was required to operate the pumpback system. The Well Repair Table has been eliminated since most of the references in it were devoted to TMW-16. Chlorination, acidization and pump cleaning were performed as required.

The following groundwater contour maps are included with this report:

- *March 2006 Piezometric Contour Map* shows the groundwater contours around the tailings impoundment and Catchment Basin in March of 2006.
- *September 2006 Piezometric Contour Map* shows the groundwater contours around the tailings impoundment and Catchment Basin in September of 2006.

Five (5) foot contours are in red while one (1) foot contours are in dashed black on both maps. These maps show the extent of the cone of depression created by the pumpback wells. These maps were created using groundwater elevation data from all of the aquifer monitor wells regardless of the completion depth, since the piezometric surface is believed to be a property of the aquifer as a whole.

The March 2006 Piezometric Contour Map shows a small cone of depression between the tailings impoundment cone of depression and the one related to the Catchment Basin pumpback wells. This cone is related to pumping of a water supply well, PWW-2, not shown on the map. This water supply well draws water from deeper zones down to a depth of 400 feet. Water level data from all wells was included on the piezometric contour map, regardless of the depth at which the well was completed. This well was pumped intermittently to supply water for dust control for the excavation around the Catchment Basin.

The September 2006 Piezometric Contour Map shows a cone of depression by the south edge of the Ore Pad. This cone is related to the pumping of a water supply well, PWW-1, not shown on the map. This water supply well draws water from deeper zones down to a depth of 400 feet. Water level data from all wells was included on the piezometric contour map, regardless of the depth at which the well was completed. This well was pumped intermittently to supply water for dust control for the excavation around the Catchment Basin.

A total of 3,121,682 gallons was pumped from these two wells in 2006, which is much larger than the 734,120 gallons pumped in 2005; hence the appearance of the cones of depression. These should diminish in 2007 since the demand for water will not be as large as in 2006.

Salts/Contaminants Removed from the Battle Springs Aquifer

Table 2 – Mass of Salts and Other Constituents Removed from the Perched and Battle Springs Aquifers and Pumped Back into the Tailings Cell lists the cumulative quantities of salts (contaminants) pumped back from the Battle Springs Aquifer into the tailings cell via the pumpback system. Charts showing the quantities of salts returned to the tailings cell are also included for each of the wells pumped back into the cell in 2006.

TMWs 90 and 105 were removed during the course of the excavation of the contaminated soils around the Catchment Basin in 2006. They were not pumped during 2006.

TAILINGS CELL WATER EVAPORATION SYSTEM

The tails cell delta spray and evaporation systems were returned to service by April 4, 2006. The systems were shut down for winter on December 4, 2006. Four (4) artificial, bermed lagoons created on the surface of the exposed beach against the western side of the cell, as well as other lagoons, were in operation in 2006. These lagoons serve to hasten evaporation from the cell and reduce dusting. The northernmost of the four lagoons along the western embankment was drained in 2006 so excavation work could be done in the area. The lagoons, as they were in August 2006, are shown in blue on the maps.

Operation of the evaporative drip system, which allows tailings fluid to drip down exposed portions of the liner on the western embankment of the impoundment, was suspended in 2000. Two sections of liner used as surfaces on which tailings fluid was allowed to drip were damaged by high winds by April 10, 2000. This situation was examined by the Safety and Environmental Review Panel (SERP) and a Safety and Environmental Evaluation (SEE) regarding this situation was prepared. The Safety and Environmental Evaluation (SEE) concluded that operation of the evaporative drip system should be suspended until the liner damage is repaired or remain suspended and then be permanently terminated if extra (replacement) evaporative capacity on the exposed tailings in the amount of 1.87 acres is constructed. Liner damage along the western embankment was not repaired in 2005. Additional lagoon area was maintained to provide replacement evaporation.

TAILINGS IMPOUNDMENT FLUID LEVEL

The fluid level on September 19, 2006 was 6608.7 feet above MSL. This represents an increase of 3.20 feet from the level of 6605.5 feet above MSL on September 20, 2005. This elevation is taken in the deepest pool in the impoundment's southeast corner. This fluid level was subject to rapid fluctuation during 2006 due to the addition of approximately 220,000 cubic yards of material from the Catchment Basin excavation. This material filled some pool areas along the impoundment's eastern embankment driving fluid levels higher in the southeastern pool.

A certain portion of evaporation is due to the spray system, which sprays pool water onto the sand beaches, saturating them. Some of the pool water becomes tied up in the sands causing a drop in the pool level not due to evaporation when the sprays are operating. Current saturated area (pool area plus lagoons) is estimated to be approximately 510,958.5 square feet (2006 Method 115 Report). The saturated area has increased from the 2005 area (495,712.5 square feet) in spite of evaporative losses from the main pool due to the construction of lagoons on the exposed tailings surface. This area is based on a ground survey of the impoundment conducted by Robert Jack Smith and Associates on August 14 to 15, 2006.

Fluid levels drop during the spring and summer months due to evaporation from the free standing pool, the sprays and the drips. While they rise slightly during the winter months because the sprays and drips are not operating, the freestanding pool is frozen and fluids continue to be added to the impoundment from the pumpback wells. This accounts for the "sawtooth" appearance of the tailings impoundment fluid levels graph.

BATTLE SPRINGS AQUIFER WATER LEVELS

Recovery of the cone of depression caused by dewatering operations around the Sweetwater Pit was complete by 1998. The current water level in the pit stands at 6538.28 feet above MSL on November 20, 2006, a drop of 0.58 feet from a level of 6538.86 feet above MSL on October 17, 2005. Please see attached chart entitled *Sweetwater Pit Water Levels.* Kennecott Uranium Company believes that water levels in the pit have reached "steady state". This 0.58 foot drop in pit lake surface elevation observed during 2006 is a normal fluctuation in the lake level. The wells closest to the pit have shown the greatest recoveries, while those farthest from the pit are the least affected. TMWs 7, 17, 18, 57, 58, 59, 75, 96 and 97 showed decreased water levels since they are being actively pumped. The greatest decrease in water level was in the area of TMWs 96 and 97. This is logical since TMW-97 yields the highest pumpback rate, 9.2 gpm. The spreadsheet *Groundwater Elevations 11/96 to Present* is included at the end of this section.

The reclaimed pit remains as a lake and evaporative sink. Water loss via evaporation from the pit lake surface creates a slight permanent cone of depression around the pit, meaning that the potentiometric surface of the aquifer in that area will never return to pre-mining levels.

GROUNDWATER DIRECTION AND VELOCITY

The groundwater in the immediate vicinity of the tailings impoundment and Catchment Basin is flowing toward TMWs 7, 17, 18, 57, 58, 59, 75, 96 and 97, as these wells have overcome regional groundwater flows toward the southwest due to pumping in 2006. The piezometric contour maps show the potentiometric surface of the Battle Springs Aquifer around the tailings impoundment and Catchment Basin in March and September 2006. The cone of depression created by the pumpback wells encompasses the existing plume. The groundwater contour maps for March and September 2006 clearly show a cone of depression by the western edge of the tailings impoundment and around the Solvent Extraction (SX) Building by the Catchment Basin pumpback wells TMW 96 and TMW 97.

PROGRESS TOWARD ATTAINING GROUNDWATER PROTECTION STANDARDS

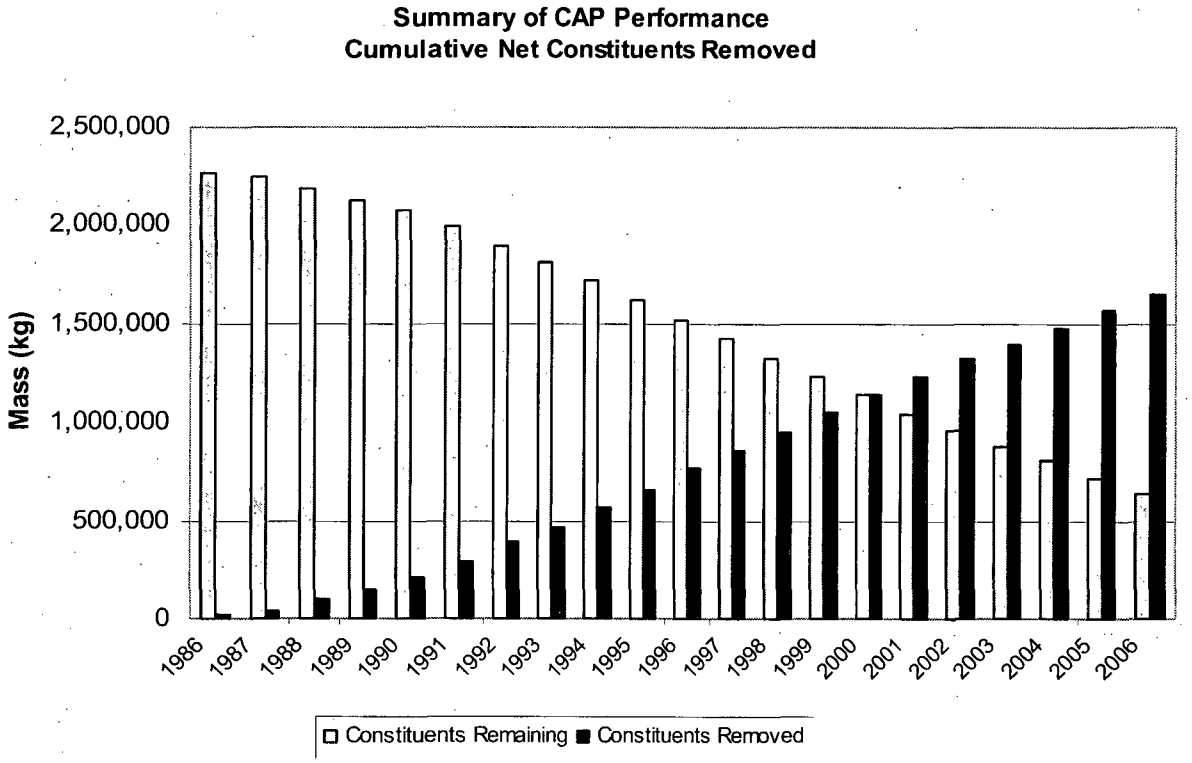
The pumping of aquifer wells TMW-7, 17, 18, 58, 59 and 75 at the toe, north and west of the tails cell, will continue to intercept any contaminated water coming through. The capture of contaminated water at the toe of the tails cell will prevent any hazardous constituents that may be present from migrating away from the cell and thus, in time, attain groundwater protection standards (GPS). A pump was installed in TMW-57 in May 2001. A new well, TMW-7, was completed on August 18, 2003. A pump was installed and started in it on December 1, 2003.

The major portion of the excursion lies beneath the tailings impoundment, as seen on the respective contour maps. This makes sense given the fact that the fluids leaked from the impoundment's northeast corner and flowed to the west under the impoundment to the sink created by the then mostly dewatered Sweetwater Pit. The impacted fluids beneath the tailings impoundment can only be collected from wells at or near the edge of the impoundment since wells cannot be drilled through the bottom of the lined

impoundment. This limitation greatly hinders removal of impacted fluids from the aquifer. The most impacted fluids lie beneath the impoundment as shown on the TDS Contour Maps. The pumpback well with the highest TDS (2430 ppm – October 5, 2006), for example, is TMW-18, which lies immediately against the western embankment. Being forced to recover impacted fluids from the edge of the plume and being unable to recover fluids from the area of highest concentration, the plume's core, prolongs any attempt to attain groundwater protection standards (GPS).

The following italicized text (February 7, 2004) and a bar graph (updated on February 21, 2006) are from an internal consultant's report prepared by Kent Bruxvoort Consulting dated February 7, 2004. "*The CAP has been successful in containing and reducing quantities and concentrations of hazardous constituents beneath the impoundment. As of the fourth quarter of 2002, about 248.4 million gallons of groundwater had been pumped back into the impoundment. A cumulative net amount of 1,323,500 kg of contaminants has been pumped back, representing 58 percent of the estimated total amount released. In calculating this net amount, background quantities of constituents, as defined by concentrations in the background monitoring well, TMW-5, were subtracted from the total mass of constituents pumped. The following plot compares the cumulative net mass of contaminants removed to the cumulative amount of released contaminants remaining in the aquifer. The average pumpback volume from 1993 through 2002 was 93,000 kg/year.*"

The plot has been updated with 2006 data and is shown below. The mass of salts recovered for 2006 also includes salts recovered from the plume around the Catchment Basin. The volume of fluids leaked from the Catchment Basin and the mass of salts associated with that fluid is unknown. As such, no adjustment was made to the mass of constituents remaining to reflect constituents leaked from the Catchment Basin.



AREAL EXTENT AND CONCENTRATION OF HAZARDOUS CONSTITUENTS

The areal extent of the excursion at this time is shown by the Uranium, Combined Radium and TDS Contour Maps. All hazardous constituents (except for Uranium, Combined Ra226/228 and Gross Alpha) have stabilized below groundwater protection standards in the majority of aquifer wells. TDS values of over 500 ppm, Natural Uranium values of over 36.0 pCi/L and Radium 226/228 values 5.8 pCi/L show a plume north, northeast and west of the tails cell and around the Catchment Basin. The surface area underlain by the plume varies depending upon the constituent in question. The Combined Radium 226/228 plume covers approximately 148.6 acres, as drawn. The 500 ppm TDS contour shown defines an area of approximately 170.2 acres. The 36 pCi/L Uranium plume covers an area of 39.6 acres. These areas are from the 2006 maps.

VERTICAL EXTENT OF CONTAMINATION

TMW-8, 24 and 47 (see page 5) were each completed in a deeper sand than the other monitor wells. The sample results from these wells clearly show that groundwater contamination from the cell has not migrated into deeper sands. These results show that the contamination is confined to the upper fifty (50) feet of the saturated portion of the Battle Springs Formation.

This was substantiated by Shepherd Miller, Inc. when they completed the groundwater background study. In the study they concluded, *"Water quality sampling of three wells completed within the lower saturated sand, TMW's 8, 24 and 47, shows it to be unaffected by seepage from the cell, indicating that flow from the upper to lower saturated sands is retarded by the clay stone layer."*

ESTIMATE OF TIME NEEDED TO OBTAIN COMPLIANCE

For the purposes of generating a surety estimate for the site, an estimate of ten (10) years (from July 1999) to terminate the Corrective Action Program (CAP) for the plume around the tailings impoundment was made. This was discussed in a letter to the NRC dated July 29, 1999, which stated; "In the eleven years of CAP operation (1988 through 1998), 47 percent of the estimated mass of released contaminants have been removed via pumping." Based upon this estimate of the mass of released contaminants removed by pumpback operations, an estimate of ten (10) years to terminate the Corrective Action Program (CAP) was made. This estimate was revised and updated by Kent Bruxvoort Consulting on February 7, 2004. This update concludes that 58% of the estimated total amount of the contaminants had been returned to the tailings impoundment by the end of 2002. This February 7, 2004 update has been subsequently revised and now shows that 72% of the estimated total amount of the contaminants has been removed by the end of 2006.

However, the scope of the CAP has changed with the license amendment request granted on May 26, 2005 to include the contaminated plume in the aquifer around the Catchment Basin. The volume of fluid released through the unlined bottom of the Catchment Basin is unknown, so the mass of salts added to the aquifer from the Catchment Basin cannot be accurately estimated. It is notable that with relatively low total volumes of pumping from TMWs 96 and 97 to date, substantial changes in total dissolved solids concentrations occurred, as shown on the table below:

	Well	**Date**	**TDS (mg/l)**
Pre-pumping sample	TMW-96	3/3/05	2430
Pumping sample	TMW-96	10/07/06	806
Pre-pumping sample	TMW-97	3/7/05	2210
Pumping sample	TMW-97	11/09/06	648

Substantial drops in uranium as well as total dissolved solids have been achieved since commencement of pumping. Also, organic contamination in both wells has dropped to non-detect since pumping began. This may indicate that the total volume of contaminated water in the Battle Spring Aquifer is not large.

This estimate of ten (10) years for the tailings impoundment plume is, of course, subject to change depending upon future plans. For example, should operations at the mill resume, use of pumpback fluids as a source of mill feed water has been considered as a means to hasten removal of the impacted fluids. In addition, contaminants entering the Battle Spring Aquifer from the Catchment Basin are not included in this estimate, since their volume is unknown.

AQUIFER WATER QUALITY

Water quality (as judged by a decreasing trend in TDS values) in aquifer monitor wells TMWs 4, 15, 16, 29, 31, 37, 44, 56, 57, 59, 78, 89, 93, 97, 101, 112 and 113 is improving. An increasing trend in TDS values is observed in TMWs 36, 58 and 102. TMWs 7 and 58 are pumping wells. TMW-4 has shown anomalous total dissolved solids (TDS) concentrations, manganese, iron and nickel values in the 2005 samples, as well as a depressed pH. In the most recent sample (July 25, 2006) the TDS has dropped to 462 mg/l below the 500 mg/l threshold. The anomalous nickel concentration has dropped to 0.1 mg/l in the sample, which is below the Groundwater Protection Standard. The increased TDS in this well is clearly due to factors other than the tailings impoundment plume, since wells with lower TDS values and no anomalous nickel values (TMW-2 and –53) lie between TMW-4 and the plume. TMW-4 was sampled five (5) times instead of two in 2003 in an effort to better understand this problem. (Please see Control Charts.) The anomalous total dissolved solids values observed in TMW 6 in 2005 have begun to decline. TMWs 45 and 48 (both with lower TDS concentrations) lay between TMW-6 and the plume. The elevated total dissolved solids concentrations in these two wells and anomalous iron, manganese and nickel values in TMW-4 may be due to mobilization of materials used to complete

the wells. Kennecott Uranium Company will continue to provide a specific discussion regarding these wells until it is clear that the situation is fully understood or resolved.

TMW 4 no longer exhibits nickel values that exceed the Groundwater Protection Standard (GPS). TMWs 59, 91, 99, 102 and 112 exhibit nickel values that exceed the GPS. TMW 59 is a pumpback well located in the contaminated area of the plume, so anomalous nickel values are expected. TMWs 91, 99, 102 and 112 are in the immediate vicinity of the Catchment Basin. The groundwater plume is primarily a Total Dissolved Solids, Natural Uranium and Combined Radium-226/228 plume, with some localized exceedances of other metals, primarily nickel.

Kennecott Uranium Company believes that an increase in TDS followed by a decrease in pH is the first sign of seepage in a monitor well. An increase in TDS appears first because the native soils are alkaline and neutralize the low pH tails cell water. Most metals will not migrate through these soils until the buffering capacity of the soil has been exhausted. This is clearly shown in the Uranium Contour Map, which shows the limited areal extent of the Uranium plume when compared to the areal extent of groundwater with TDS in excess of 500 ppm shown in the TDS Contour Map. The Combined Radium 226/228 plume appears to mimic the shape and size of the TDS plume.

The Battle Spring Aquifer pumpback wells around the Catchment Basin exhibit anomalous TDS, radium, uranium, iron and manganese values, with four wells (TMWs 91, 99, 112 and 102) currently exhibiting anomalous nickel values. TMWs 102, 112, 113 and 115 showed small quantities of chloromethane (methyl chloride) in the 2006 samples. These chloromethane analysis results were investigated by the laboratory as potentially related to the sample preservation method. (Please see attached report from Jim Yocum of Energy Laboratories, Inc.) In summation, the laboratory believes that the anomalous chloromethane (methyl chloride) results are due to organic contamination in the sample preservative (hydrochloric acid).

April 26, 2006

Mr. Oscar Paulson
Kennecott Uranium Company
43 Miles NW of Rawlins
Rawlins, WY 82301-1500

RE: Chloromethane Study Results & Status

Dear Oscar:

This correspondence is a record detailing ELI Casper's activities in regard to determine the source for chloromethane detected in Kennecott Uranium's ground-water samples. Chloromethane had intermittently been detected in Kennecott's and other ELI client samples submitted for analysis by 8260B, GC/MS purge & trap technique.

Most chloromethane results were between 0.5 and 3.0 ug/L in concentration, had a clearly defined chromatographic peak on the instrument output, and also had a near perfect match on the quant ID from the MS. These detections were reported out to clients due to the above factors, the lack of chloromethane results in similarly prepared method blanks, and acceptable performance for chloromethane in other QC sample types.

Due to several client conversations, including with yourself, ELI began investigation potential sources for the chloromethane in laboratory bottles, equipment and reagents. In addition, an internet search turned up several references to chloromethane being a potential disinfection by-product. After exploring this possibility, ELI thought that there was the potential for the HCL preservatives to be interacting with naturally occurring TOC, forming chloromethane in the process. At this point several clients including Kennecott were contacted for additional samples to field test this hypothesis. The results of this sampling are detailed below:

	TMW 112 TOC=0.199		TMW 113 TOC=0.184	
ACID	FIELD	LAB	FIELD	LAB
NONE	0	0	0	0
1 DROP	0	0	0	0
2 DROP	0	0	25.9	0
4 DROP	0	14.1	49.6	17
8 DROP	14.7	35.8	63.5	27

(Values indicate chloromethane concentration in ug/L. TOC values are in mg/L)

The results of this study clearly showed that there was a direct and linear relationship to acid concentration and chloromethane concentration. With one exception, chloromethane was present in all samples at four drops of acid preservation, and has the appearance of increasing linearly in the FIELD TMW 113 sample. The study however, showed a significantly lower TOC concentration that we expected would be present and ELI did not believe that this level of TOC would result in a HCL-TOC reaction to chloromethane.

While this potential does still exist, it is unlikely to occur when the TOC is several magnitudes of order below ten mg/L or greater.

The HCL/TOC theory was now an unlikely source for the chloromethane so ELI initiated another review of the acid as the acid is clearly related to the occurrence of chloromethane. After talking with several manufacturers and reviewing their detailed spec sheets, it was determined that manufactures list in their impurities, "organic compounds" at up to three percent by volume. This value for organic impurities occurs in every grade of acid from tech grade level to the ultra pure pharmaceutical grade acids. With this in mind, we decided to purge the HCL acid prior to use to see if chloromethane occurs in purged acid.

ELI purchased specialized purging apparatus and purged a liter of HCL acid with ultra pure nitrogen gas for four hours. This acid has been tested in laboratory blanks with no chloromethane results and is ready for experimentation in client samples. ELI would like to obtain a set of five blank vials from TWM 112 and TMW 113 for further analysis. If the samples subjected to the same spiking regiment come back negative for the follow-up analysis, additional testing should be done to pin down absolutely that the chloromethane was in the acid as a trace contaminant.

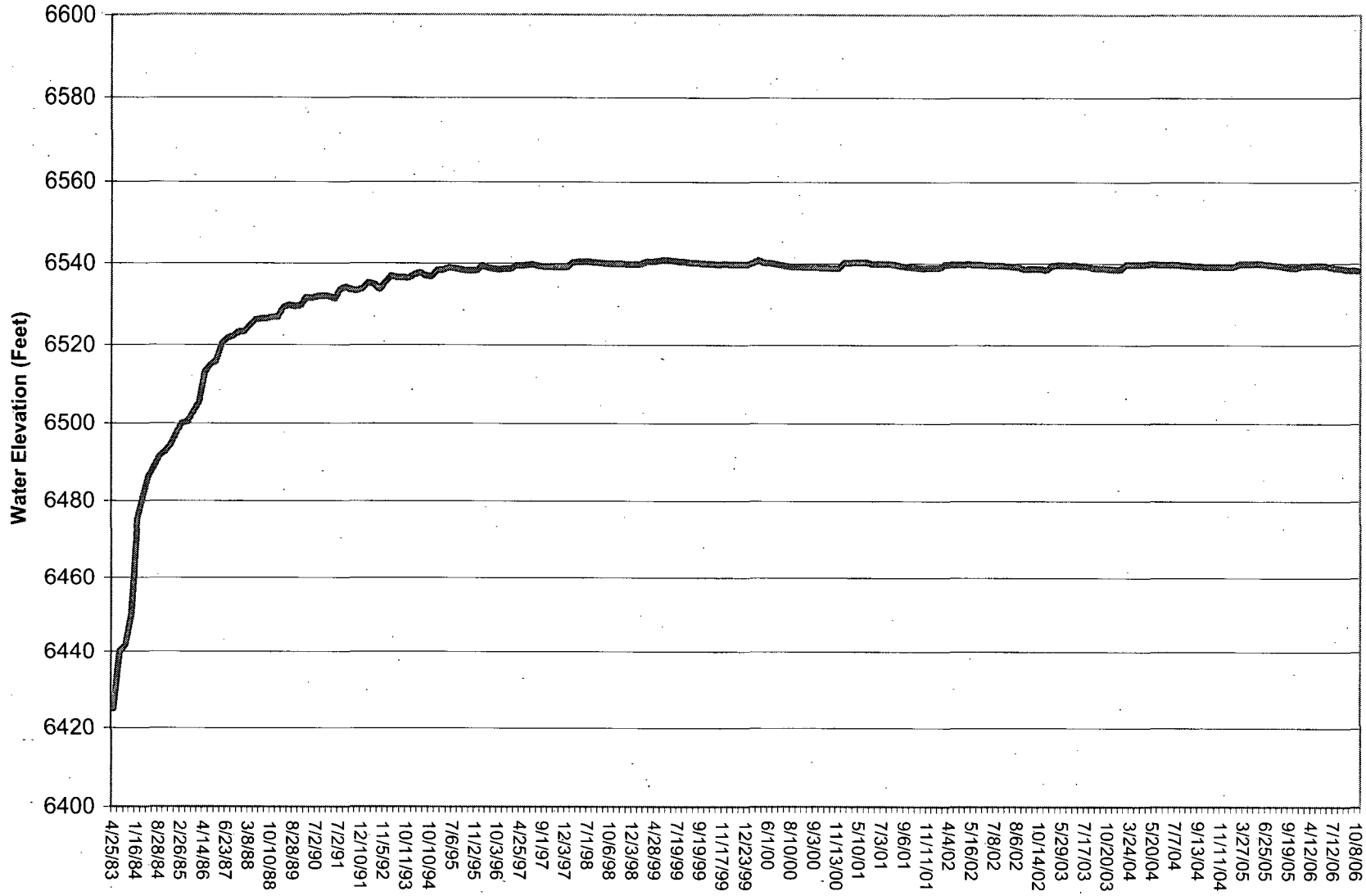
If the purging process strips out the chloromethane from the HCL and we never see this compound in most samples again, the problem is solved. Chloromethane should easily be stripped by the infusion of nitrogen into the HCL if it is present. However, if this does not seem to be the problem, then we are in a quandary as we have looked at all potential sources of the compound. The chloromethane peak detected by the instrumentation is real. It is just the question of where it is coming from.

An interesting side note on this issue was a discussion that I had with a data validator in Denver last week. During discussions of general business issues, he mentioned that he was going crazy with false chloromethane detections from projects in Texas and New Mexico. These results were not provided by any ELI laboratory, so it would appear that this chloromethane issue extends into other laboratories. In discussing this issue with this client, I asked what remedies the laboratories had tried in solving this issue. He stated that most were just turning off the result and reporting an ND to the client. The problem with doing this is that turning off a result that has no chromatographic issues, good quant match, no blank contamination, and no other QC sample failure rises to the level of laboratory fraud. This has the potential to cause problems for not only the laboratory but the clients also, so you can understand I am sure, my aversion to taking the "I don't believe it's real, so I am going to turn off the result" approach. Hopefully though, this latest step will solve the issue.

Respectfully,

James E. Yocum
Quality Assurance Director

KENNECOTT URANIUM COMPANY
Sweetwater Pit Water Levels
April 25, 1983 through October 8, 2006



KENNECOTT URANIUM COMPANY
Sweetwater Pit Water Levels
Recovery of water level after suspension of dewatering activitie
in May, 1983

DATE	ELAPSED TIME DAYS	WATER ELEVATION	WATER LEVEL CHANGE
04/25/83	0	6425.00	0.00
06/27/83	63	6440.00	15.00
07/04/83	70	6441.70	16.70
08/03/83	100	6450.00	25.00
01/16/84	266	6475.00	50.00
02/27/84	308	6481.00	56.00
05/07/84	378	6486.10	61.10
06/26/84	428	6488.60	63.60
08/28/84	491	6491.50	66.50
10/01/84	525	6492.80	67.80
11/19/84	574	6494.60	69.60
01/03/85	619	6497.30	72.30
02/26/85	673	6500.00	75.00
03/06/85	681	6500.40	75.40
05/14/85	750	6502.90	77.90
08/15/85	843	6505.39	80.39
04/14/86	1085	6513.19	88.19
06/23/86	1155	6514.87	89.87
09/26/86	1250	6515.93	90.93
04/14/87	1450	6520.42	95.42
06/23/87	1520	6521.80	96.80
09/16/87	1605	6522.33	97.33
11/01/87	1651	6523.41	98.41
11/19/87	1669	6523.41	98.41
03/08/88	1779	6525.00	100.00
06/06/88	1869	6526.31	101.31
07/25/88	1918	6526.54	101.54
08/30/88	1954	6526.55	101.55
10/10/88	1995	6526.88	101.88
10/31/88	2016	6526.88	101.88
04/03/89	2170	6529.29	104.29
07/24/89	2282	6529.77	104.77
08/28/89	2317	6529.51	104.51
09/25/89	2345	6529.63	104.63
04/23/90	2555	6531.67	106.67
06/11/90	2604	6531.48	106.48
07/02/90	2625	6531.99	106.99
10/08/90	2723	6532.02	107.02
11/11/90	2757	6531.98	106.98
04/17/91	2914	6531.44	106.44
07/02/91	2990	6533.64	108.64
08/14/91	3033	6534.17	109.17
09/05/91	3055	6533.49	108.49
10/07/91	3087	6533.36	108.36
12/10/91	3151	6533.84	108.84
04/29/92	3292	6535.24	110.24
05/26/92	3319	6534.96	109.96
09/14/92	3430	6533.70	108.70
11/05/92	3482	6535.34	110.34
05/04/93	3662	6536.93	111.93
06/30/93	3719	6536.51	111.51
08/18/93	3768	6536.55	111.55
10/11/93	3822	6536.38	111.38
06/06/94	4060	6537.20	112.20
07/05/94	4089	6537.69	112.69
09/21/94	4167	6536.90	111.90
10/10/94	4186	6536.80	111.80
04/05/95	4363	6538.23	113.23
05/01/95	4389	6538.37	113.37
06/10/95	4429	6538.86	113.86
07/06/95	4455	6538.78	113.78
08/02/95	4482	6538.57	113.57
09/07/95	4518	6538.31	113.31

KENNECOTT URANIUM COMPANY
Sweetwater Pit Water Levels
Recovery of water level after suspension of dewatering activitie
in May, 1983

DATE	ELAPSED TIME DAYS	WATER ELEVATION	WATER LEVEL CHANGE
10/03/95	4544	6538.24	113.24
11/02/95	4574	6538.21	113.21
05/13/96	4767	6539.40	114.40
08/09/96	4855	6538.90	113.90
09/03/96	4880	6538.70	113.70
10/03/96	4910	6538.50	113.50
10/08/96	4915	6538.60	113.60
12/03/96	4971	6538.66	113.66
03/31/97	5089	6539.44	114.44
04/25/97	5114	6539.43	114.43
05/29/97	5148	6539.55	114.55
06/11/97	5161	6539.70	114.70
07/28/97	5208	6539.30	114.30
09/01/97	5243	6539.20	114.20
09/22/97	5264	6539.16	114.16
10/15/97	5287	6539.01	114.01
11/25/97	5328	6539.00	114.00
12/03/97	5336	6538.99	113.99
05/04/98	5488	6540.25	115.25
05/18/98	5502	6540.40	115.40
06/11/98	5526	6540.38	115.38
07/01/98	5546	6540.40	115.40
07/29/98	5574	6540.26	115.26
08/20/98	5596	6540.10	115.10
09/29/98	5636	6539.92	114.92
10/06/98	5643	6539.84	114.84
11/05/98	5673	6539.80	114.80
11/10/98	5678	6539.78	114.78
11/30/98	5698	6539.72	114.72
12/03/98	5701	6539.72	114.72
12/16/98	5714	6539.71	114.71
03/31/99	5819	6540.43	115.43
04/02/99	5821	6540.40	115.40
04/28/99	5847	6540.56	115.56
05/22/99	5871	6540.70	115.70
06/09/99	5889	6540.72	115.72
06/27/99	5907	6540.64	115.64
07/19/99	5929	6540.41	115.41
08/08/99	5949	6540.32	115.32
08/29/99	5970	6540.17	115.17
09/08/99	5980	6540.12	115.12
09/19/99	5991	6540.01	115.01
10/21/99	6023	6539.82	114.82
10/27/99	6029	6539.80	114.80
11/10/99	6043	6539.76	114.76
11/17/99	6050	6539.81	114.81
11/22/99	6055	6539.76	114.76
12/06/99	6069.020202	6539.76	114.76
12/14/99	6077	6539.76	114.76
12/23/99	6086	6539.67	114.67
04/28/00	6213	6540.15	115.15
05/03/00	6218	6540.82	115.82
05/26/00	6241	6540.17	115.17
06/01/00	6247	6540.12	115.12
06/30/00	6276	6539.79	114.79
07/17/00	6293	6539.54	114.54
07/30/00	6306	6539.37	114.37
08/10/00	6317	6539.24	114.24
06/17/00	6263	6539.18	114.18
08/28/00	6335	6539.03	114.03
08/30/00	6337	6539.04	114.04
09/03/00	6341	6539.03	114.03
09/17/00	6355	6538.88	113.88

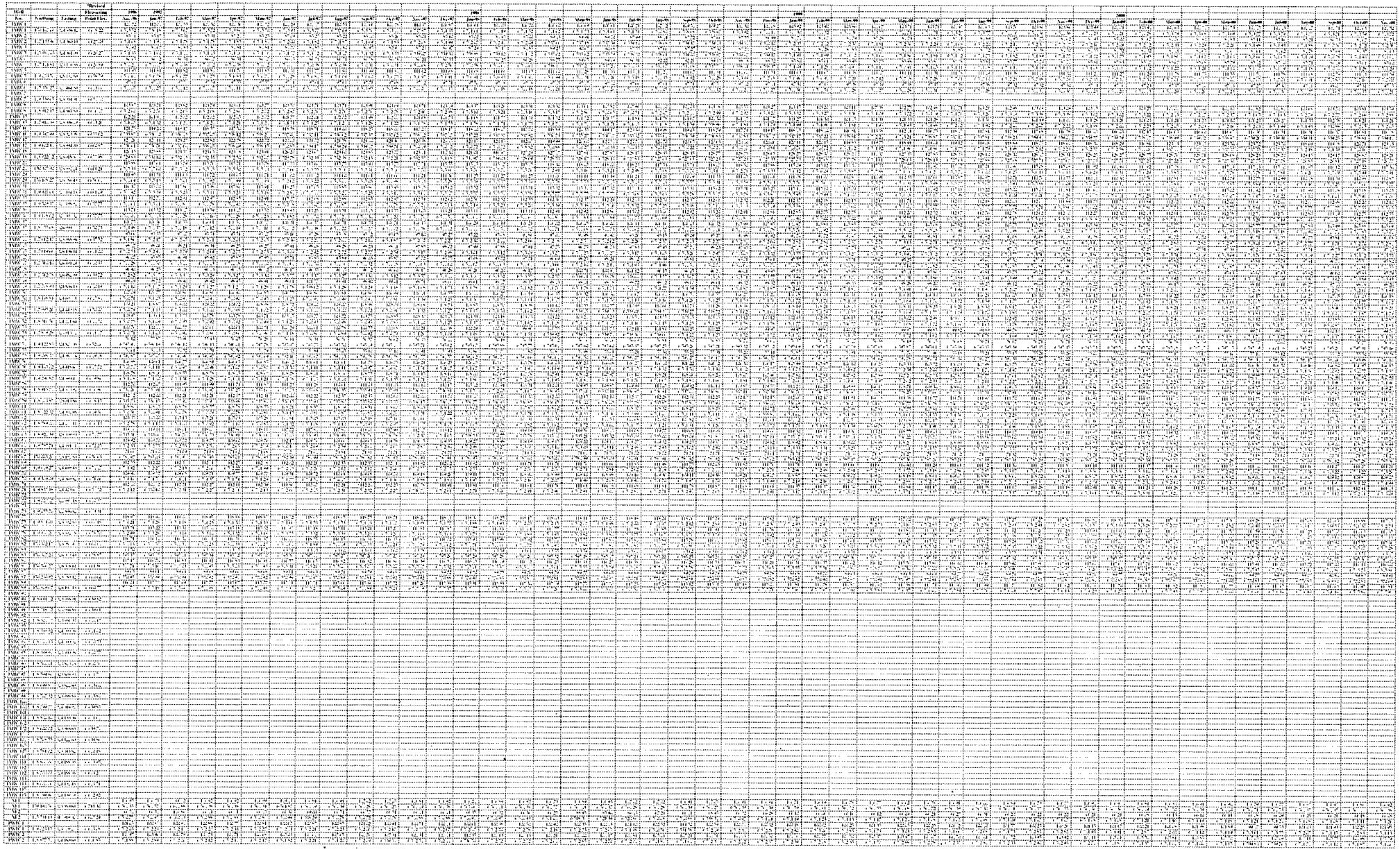
KENNECOTT URANIUM COMPANY
Sweetwater Pit Water Levels
Recovery of water level after suspension of dewatering activitie
in May, 1983

DATE	ELAPSED TIME DAYS	WATER ELEVATION	WATER LEVEL CHANGE
10/04/00	6372	6538.86	113.86
10/22/00	6390	6538.83	113.83
11/13/00	6412	6538.75	113.75
04/05/01	6555	6540.07	115.07
04/16/01	6566	6540.13	115.13
04/24/01	6574	6540.30	115.30
05/10/01	6590	6540.22	115.22
05/16/01	6596	6540.20	115.20
06/21/01	6632	6539.89	114.89
07/02/01	6643	6539.83	114.83
07/03/01	6644	6539.84	114.84
07/16/01	6657	6539.78	114.78
07/20/01	6661	6539.68	114.68
08/21/01	6693	6539.35	114.35
09/06/01	6709	6539.22	114.22
09/26/01	6729	6539.11	114.11
10/18/01	6751	6538.98	113.98
11/05/01	6769	6538.84	113.84
11/11/01	6775	6538.90	113.90
11/27/01	6791	6538.98	113.98
12/03/01	6797	6538.98	113.98
03/31/02	6915	6539.75	114.75
04/04/02	6919	6539.75	114.75
04/08/02	6923	6539.77	114.77
04/15/02	6930	6539.77	114.77
04/29/02	6944	6539.82	114.82
05/16/02	6961	6539.76	114.76
05/28/02	6973	6539.74	114.74
06/27/02	7003	6539.53	114.53
07/03/02	7009	6539.44	114.44
07/08/02	7014	6539.40	114.40
07/09/02	7015	6539.40	114.40
07/17/02	7023	6539.28	114.28
07/29/02	7035	6539.13	114.13
08/06/02	7043	6539.07	114.07
09/03/02	7071	6538.51	113.51
09/29/02	7097	6538.63	113.63
10/09/02	7107	6538.65	113.65
10/14/02	7112	6538.61	113.61
11/06/02	7135	6538.43	113.43
03/16/03	7265	6539.42	114.42
04/21/03	7301	6539.54	114.54
05/29/03	7339	6539.61	114.61
06/17/03	7358	6539.49	114.49
06/26/03	7367	6539.55	114.55
07/16/03	7387	6539.34	114.34
07/17/03	7388	6539.33	114.33
08/31/03	7433	6538.91	113.91
09/30/03	7463	6538.74	113.74
10/07/03	7470	6538.75	113.75
10/20/03	7483	6538.63	113.63
11/16/03	7510	6538.49	113.49
12/03/03	7527	6538.57	113.57
03/21/04	7636	6539.65	114.65
03/24/04	7639	6539.65	114.65
03/28/04	7643	6539.75	114.75
04/05/04	7651	6539.65	114.65
04/18/04	7664	6539.80	114.80
05/20/04	7696	6539.84	114.84
06/15/04	7722	6539.70	114.70
06/21/04	7728	6539.73	114.73
07/04/04	7741	6539.76	114.76
07/07/04	7744	6539.70	114.70

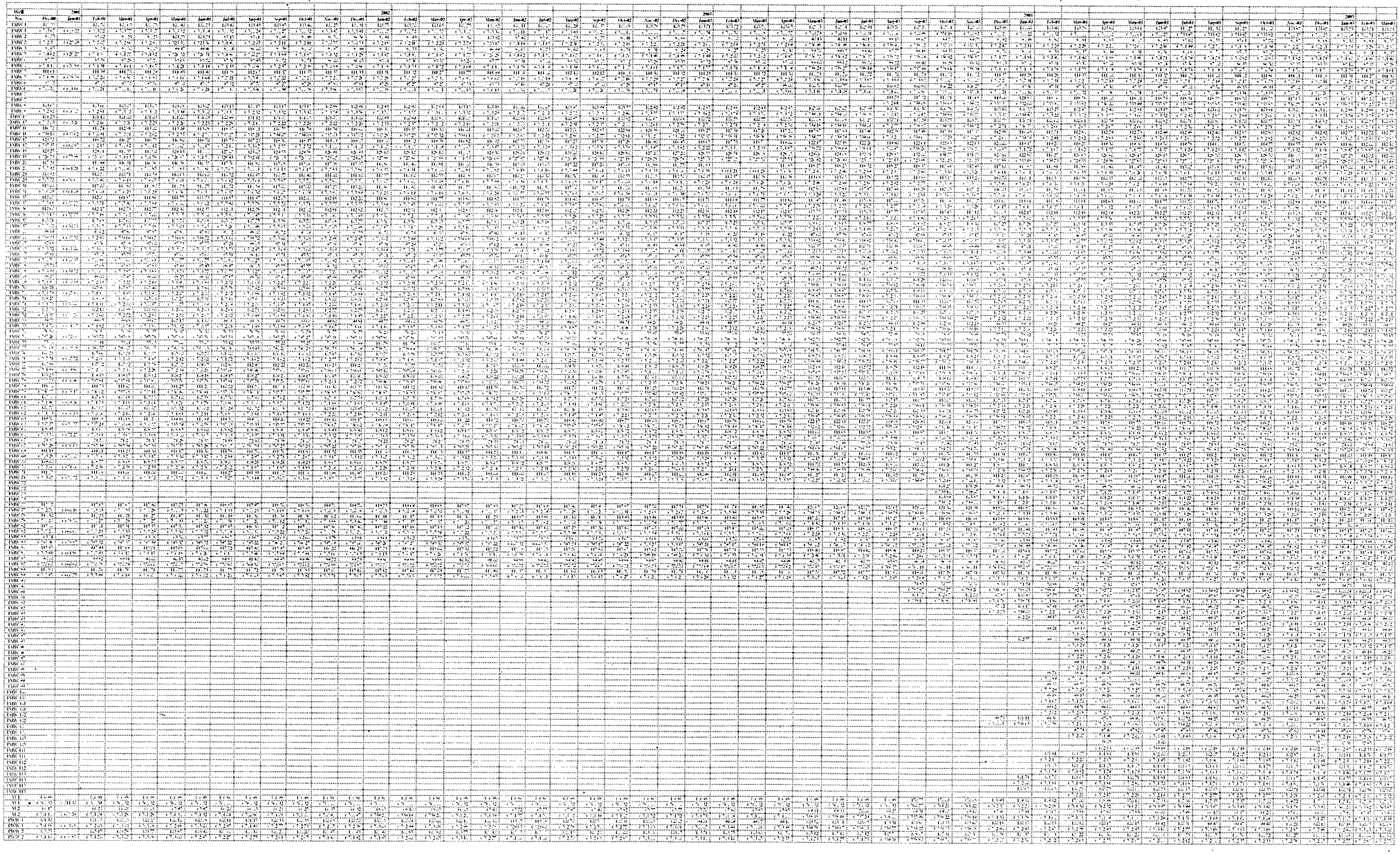
KENNECOTT URANIUM COMPANY
Sweetwater Pit Water Levels
Recovery of water level after suspension of dewatering activitie
in May, 1983

DATE	ELAPSED TIME DAYS	WATER ELEVATION	WATER LEVEL CHANGE
07/26/04	7763	6539.52	114.52
08/10/04	7778	6539.40	114.40
08/24/04	7792	6539.26	114.26
09/13/04	7812	6539.26	114.26
09/20/04	7819	6539.17	114.17
10/04/04	7833	6539.15	114.15
11/07/04	7867	6539.16	114.16
11/11/04	7871	6539.18	114.18
11/22/04	7882	6539.20	114.20
12/13/04	7903	6539.21	114.21
03/16/05	7996	6539.78	114.78
03/27/05	8007	6539.82	114.82
04/05/05	8016	6539.82	114.82
05/18/05	8059	6539.95	114.95
06/08/05	8080	6539.82	114.82
06/25/05	8097	6539.70	114.70
07/06/05	8108	6539.58	114.58
07/18/05	8120	6539.47	114.47
08/17/05	8150	6539.18	114.18
09/19/05	8183	6538.90	113.90
10/17/05	8211	6538.86	113.86
04/02/06	8378	6539.37	114.37
04/03/06	8379	6539.27	114.27
04/12/06	8388	6539.45	114.45
04/18/06	8394	6539.45	114.45
05/10/06	8416	6539.40	114.40
06/19/06	8456	6539.14	114.14
07/12/06	8479	6538.94	113.94
07/26/06	8493	6538.84	113.84
08/30/06	8528	6538.50	113.50
09/13/06	8542	6538.40	113.40
10/08/06	8567	6538.26	113.26

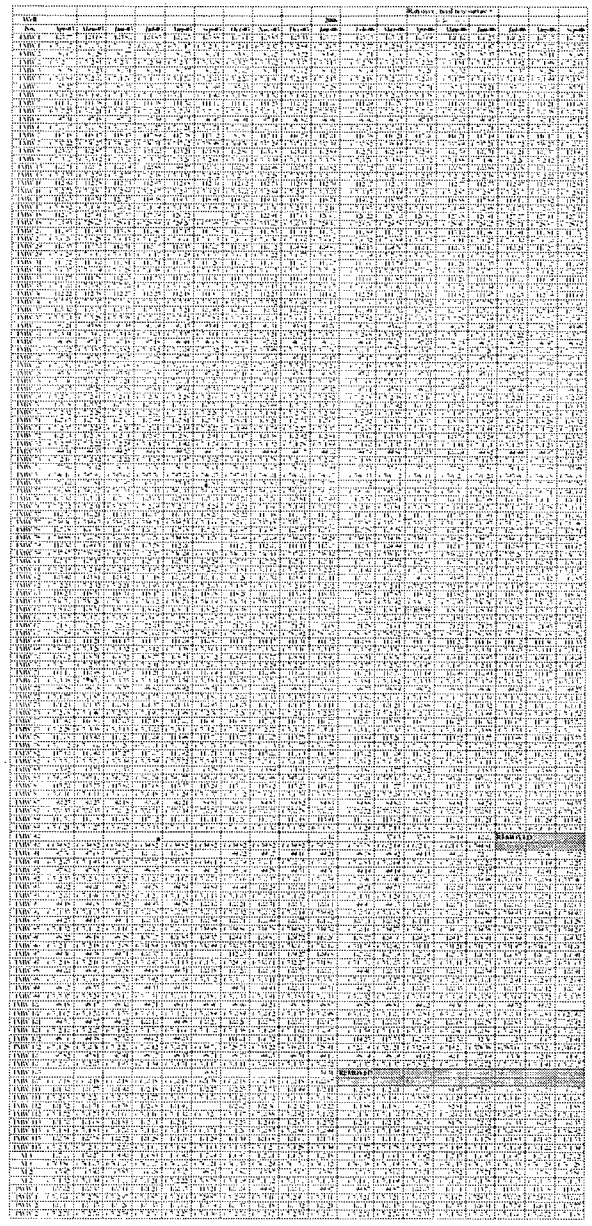
KENNECOTT URANIUM COMPANY
Groundwater Elevations 11/96 to Present



KENNECOTT URANIUM COMPANY
Groundwater Elevations 11/96 to Present



KENNECOTT URANIUM COMPANY
Groundwater Elevations 11/96 to Present



Tables

TABLE 1

GALLONS PUMPED TO TAILINGS IMPOUNDMENT

WELL:	TYPE:	April 1, 1986 to April 1, 1987	April 1, 1987 to April 1, 1988	April 1, 1988 to April 1, 1989	April 1, 1989 to April 1, 1990	April 1, 1990 to January 1, 1991	January 1, 1991 to December 1, 1991	December 1, 1991 to December 31, 1992	December 31, 1992 to December 31, 1993
TMW 7	Aquifer								
TMW 16	Aquifer		973,474.00	1,669,570.00	1,012,740.00	824,139.00	375,942.00	825,270.00	1,202,150.00
TMW 17	Aquifer	3,652,911.00	3,699,987.00	3,096,627.00	2,289,813.00	2,526,771.00	5,248,474.00	5,988,820.00	4,284,690.00
TMW 18	Aquifer	743,540.00	1,612,795.00	3,125,776.00	4,329,036.00	4,286,378.00	5,905,911.00	5,262,910.00	5,019,830.00
TMW 55	Perch				**101,875.00**				
TMW 57	Aquifer								
TMW 58	Aquifer								
TMW 59	Aquifer			277,190.00	1,035,242.00	1,262,117.00	2,237,358.00	2,478,090.00	1,528,780.00
TMW 65	Perch		*						
TMW 75	Aquifer			2,296,870.00	1,898,236.00	1,161,418.00	2,228,506.00	6,747,830.00	2,031,570.00
TMW 76	Perch	43,293.00	*						
TMW 79	Perch	39,875.00							
TMW 80	Perch	56,675.90	*	**53,655.00**					
TMW 83	Perch		**241,028.00**	*	*				
TMW 85	Perch	2,266.30							
TMW 91	Aquifer								
TMW 96	Aquifer								
TMW 97	Aquifer								
Bison Basin	Disposal				561,120.00				
GMIX	Disposal								
Subtotal:		4,538,561.20	6,527,284.00	10,519,688.00	11,228,062.00	10,060,823.00	15,996,191.00	21,302,920.00	14,067,020.00
Cumulative Gallons Pumped:			11,065,845.20	21,585,533.20	32,813,595.20	42,874,418.20	58,870,609.20	80,173,529.20	94,240,549.20

** **Bold** number is combined total of this well plus wells marked by asterisk.*

TABLE 1

GALLONS PUMPED TO TAILINGS IMPOUNDMENT

WELL:	TYPE:	December 31, 1993 to December 31, 1994	December 31, 1994 to December 31, 1995	December 31, 1995 to December 31, 1996	December 31, 1996 to December 31, 1997	December 31, 1997 to December 31, 1998	December 31, 1998 to December 31, 1999	December 31, 1999 to December 31, 2000
TMW 7	Aquifer							
TMW 16	Aquifer	976,840.00	1,916,500.00	2,114,160.00	1,821,300.00	1,819,410.00	1,500,750.00	1,234,950.00
TMW 17	Aquifer	4,387,290.00	3,875,680.00	3,534,560.00	2,406,940.00	1,882,910.00	1,597,310.00	3,436,750.00
TMW 18	Aquifer	5,307,990.00	3,760,740.00	4,577,190.00	3,945,330.00	5,361,630.00	5,454,370.00	5,449,610.00
TMW 55	Perch							
TMW 57	Aquifer							
TMW 58	Aquifer	2,713,490.00	3,853,980.00	3,450,330.00	3,680,030.00	2,558,000.00	3,081,960.00	2,854,470.00
TMW 59	Aquifer	2,356,260.00	2,307,730.00	2,048,600.00	2,099,550.00	2,236,360.00	2,148,390.00	2,231,660.00
TMW 65	Perch							
TMW 75	Aquifer	2,761,170.00	2,434,410.00	2,837,230.00	2,211,080.00	2,076,280.00	1,792,490.00	2,782,610.00
TMW 76	Perch							
TMW 79	Perch							
TMW 80	Perch							
TMW 83	Perch							
TMW 85	Perch							
TMW 91	Aquifer							
TMW 96	Aquifer							
TMW 97	Aquifer							
Bison Basin	Disposal							
GMIX	Disposal							
Subtotal:		18,503,040.00	18,149,040.00	18,562,070.00	16,164,230.00	15,934,590.00	15,575,270.00	17,990,050.00
Cumulative Gallons Pump		112,743,589.20	130,892,629.20	149,454,699.20	165,618,929.20	181,553,519.20	197,128,789.20	215,118,839.20

TABLE 1

GALLONS PUMPED TO TAILINGS IMPOUNDMENT

WELL:	TYPE:	December 31, 2000 to December 31, 2001	December 31, 2001 to December 31, 2002	December 31, 2002 to December 31, 2003	December 31, 2003 to December 31, 2004	December 31, 2004 to December 31, 2005	January 1, 2006 to December 31, 2006
TMW 7	Aquifer			262,880.00	3,371,090.00	2,638,080.00	2,011,900.00
TMW 16	Aquifer	1,939,100.00	955,970.00	1,008,140.00			
TMW 17	Aquifer	1,530,080.00	991,590.00	1,440,200.00	2,196,440.00	2,121,860.00	1,475,180.00
TMW 18	Aquifer	5,669,760.00	6,099,470.00	5,356,710.00	4,085,050.00	4,150,670.00	4,326,090.00
TMW 55	Perch						
TMW 57	Aquifer	1,958,380.00	2,165,880.00	1,364,700.00	1,907,680.00	2,066,070.00	2,619,800.00
TMW 58	Aquifer	2,312,330.00	1,738,740.00	2,122,770.00	2,705,370.00	1,912,700.00	2,170,120.00
TMW 59	Aquifer	1,953,690.00	1,654,000.00	1,754,410.00	1,741,170.00	2,233,710.00	2,312,760.00
TMW 65	Perch						
TMW 75	Aquifer	2,734,650.00	2,551,680.00	2,249,480.00	2,175,390.00	2,351,240.00	1,088,240.00
TMW 76	Perch						
TMW 79	Perch						
TMW 80	Perch						
TMW 83	Perch						
TMW 85	Perch						
TMW 91	Aquifer					4,702.00	
TMW 96	Aquifer					1,490,620.00	3,969,900.00
TMW 97	Aquifer					1,606,540.00	4,374,660.00
Bison Basin	Disposal						
GMIX	Disposal	15,000.00					
Subtotal:		18,112,990.00	16,157,330.00	15,559,290.00	18,182,190.00	20,576,192.00	24,348,650.00
Cumulative Gallons Pump		233,231,829.20	249,389,159.20	264,948,449.20	283,130,639.20	303,706,831.20	**328,055,481.20**

TABLE 2

MASS OF SALTS AND OTHER CONSTITUENTS REMOVED FROM THE PERCHED AND BATTLE SPRINGS AQUIFERS
AND PUMPED BACK INTO THE TAILINGS CELL
AS OF DECEMBER 31, 2006

SALTS (KG)	TMW-7 (KG)	TMW-16 (KG)	TMW-17 (KG)	TMW-18 (KG)	TMW-55 (KG)	TMW-57 (KG)	TMW-58 (KG)	TMW-59 (KG)	TMW-65 (KG)	TMW-75 (KG)	TMW-76 (KG)	TMW-79 (KG)	TMW-80 (KG)	TMW-83 (KG)	TMW-85 (KG)	TMW-91 (KG)	TMW-96 KG	TMW-97 (KG)	TAILS CELL (KG)
MAJOR IONS																			
Bicarbonate	6504.67	27851.82	38106.90	193370.58	0.00	6001.70	27767.25	53963.83	0.00	33249.11	0.00	0.00	0.00	0.00	0.00	2.49	2837.49	2796.86	392,452.70
Calcium	5556.57	33391.21	31829.05	211178.44	0.00	6131.88	30585.66	76350.51	0.00	31790.73	0.00	0.00	0.00	0.00	0.00	6.33	3727.24	3492.87	434,040.49
Carbonate	0.00	576.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	576.92
Chloride	823.93	5014.43	5486.22	33137.79	0.00	709.26	3544.86	10858.20	0.00	4650.79	0.00	0.00	0.00	0.00	0.00	1.01	561.86	491.26	65,279.61
Fluoride	1.43	2.42	28.82	6.17	0.00	7.46	13.18	12.81	0.00	24.73	0.00	0.00	0.00	0.00	0.00	0.00	2.07	3.09	102.18
Magnesium	387.59	2572.42	1992.12	13592.49	0.00	486.13	2341.62	8801.49	0.00	2467.33	0.00	0.00	0.00	0.00	0.00	0.49	259.98	257.47	33,159.13
Nitrate(NO3)	0.00	29.88	118.86	173.01	0.00	0.00	4.52	15.74	0.00	34.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	376.28
Potassium	117.12	481.94	815.37	2362.96	0.00	157.40	567.38	917.64	0.00	647.00	0.00	0.00	0.00	0.00	0.00	0.08	74.98	76.02	6,217.89
Silica	560.19	1430.36	3128.95	8043.10	0.00	609.76	2025.30	2751.31	0.00	2714.84	0.00	0.00	0.00	0.00	0.00	0.23	296.90	316.98	21,877.92
Sodium	1562.49	7454.19	10422.23	31079.23	0.00	1878.65	7062.75	12088.34	0.00	8969.46	0.00	0.00	0.00	0.00	0.00	1.28	1013.69	1021.81	82,554.12
Sulfate	11803.66	76973.64	73182.65	423517.26	281.43	14839.76	70698.51	192188.82	407.23	70114.72	2509.88	274.72	966.02	848.22	18.02	16.37	9021.56	7647.31	955,309.78
TDS	24199.12	148300.36	144589.33	852627.24	456.46	28236.62	134276.74	350201.74	673.46	143732.40	4529.50	531.92	1651.65	1423.79	33.85	28.12	16476.04	15872.69	1,867,841.03
TRACE METALS																			
Aluminum	0.00	1.04	0.00	59.53	0.00	0.20	0.00	1.48	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.69
Arsenic	0.01	0.03	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.16
Barium	0.00	0.22	1.53	0.48	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.44
Beryllium	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
Boron	0.19	0.57	0.40	2.30	0.00	0.25	0.21	3.19	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	8.72
Cadmium	0.00	0.01	0.00	0.12	0.00	0.00	0.00	0.03	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24
Chromium	0.00	0.43	0.59	1.90	0.00	0.04	0.22	0.22	0.04	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48
Cobalt	0.00	0.03	0.00	0.39	0.00	0.47	0.21	1.52	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.64
Copper	0.00	0.22	0.70	0.62	0.00	0.00	0.00	0.14	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.76
Cyanide	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Iron	16.86	51.35	21.16	2138.58	0.00	18.92	51.92	3805.73	0.00	26.73	0.00	0.00	0.00	0.00	0.00	0.00	0.72	1.29	6,133.26
Lead	0.00	0.00	0.00	1.57	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69
Manganese	6.30	35.54	19.00	310.28	0.00	7.66	25.26	384.40	0.00	21.21	0.00	0.00	0.00	0.00	0.00	0.00	2.15	2.27	814.07
Mercury	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Molybdenum	0.00	0.02	0.17	0.06	0.00	0.00	0.00	0.26	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77
Nickel	0.00	0.32	0.81	2.06	0.00	0.57	0.26	2.00	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.47
Selenium	0.00	0.06	0.11	0.38	0.07	0.01	0.12	0.14	0.18	0.12	0.41	0.03	0.25	0.22	0.00	0.00	0.01	0.00	2.11
Silver	0.00	0.27	0.56	0.48	0.00	0.00	0.00	0.06	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.39
Thallium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vanadium	0.00	0.00	0.55	2.36	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.94
Zinc	0.08	2.94	7.32	7.38	0.00	0.80	3.97	2.62	0.00	2.58	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	27.73
RADIOMETRICS																			
Uranium (mg/l)	0.14	24.09	3.39	1.93	0.00	0.38	1.82	0.94	0.00	10.81	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.62	44.77

KENNECOTT URANIUM COMPANY

TMW-7															
CONTAMINANTS REMOVED															
(Started pumping 12/01/03)															
DATE FS:	07-Nov-05			11-Jan-06			10-Apr-06			03-Jul-06			05-Oct-06		
		VOLUME 2005	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE
GALLONAGE		659,520.00	6,272,050.00		502,975.00	6,775,025.00		502,975.00	7,278,000.00		502,975.00	7,780,975.00		502,975.00	8,283,950.00
CONSTITUENTS	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED
MAJOR IONS	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)
Bicarbonate	207.00	516.79	4922.48	214.00	407.45	5329.92	209.00	397.93	5727.85	203.00	386.51	6114.36	205.00	390.31	6504.67
Calcium	156.00	389.46	4223.79	171.00	325.58	4549.37	178.00	338.91	4888.28	171.00	325.58	5213.85	180.00	342.71	5556.57
Carbonate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chloride	22.00	54.92	624.01	22.00	41.89	665.90	24.00	45.70	711.60	32.00	60.93	772.52	27.00	51.41	823.93
Fluoride	0.00	0.00	1.24	0.00	0.00	1.24	0.10	0.19	1.43	0.00	0.00	1.43	0.00	0.00	1.43
Magnesium	11.80	29.46	284.97	12.60	23.99	308.96	12.80	24.37	333.33	12.90	24.56	357.89	15.60	29.70	387.59
Nitrate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Potassium	3.30	8.24	89.32	3.60	6.85	96.17	3.60	6.85	103.03	3.70	7.04	110.07	3.70	7.04	117.12
Silica	17.00	42.44	428.81	17.00	32.37	461.18	18.00	34.27	495.45	18.00	34.27	529.72	16.00	30.46	560.19
Sodium	46.40	115.84	1189.89	49.20	93.68	1283.56	45.60	86.82	1370.38	48.50	92.34	1462.73	52.40	99.77	1562.49
Sulfate	340.00	848.83	8943.90	364.00	693.04	9636.95	369.00	702.56	10339.51	386.00	734.93	11074.44	383.00	729.22	11803.66
TDS	753.00	1879.91	18323.48	764.00	1454.63	19778.11	734.00	1397.51	21175.62	798.00	1519.37	22694.99	790.00	1504.13	24199.12
TRACE METALS															
Al	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01
Ba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Be	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.19	0.19	0.00	0.00	0.19
Cd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cr	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Co	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fe	0.64	1.60	10.94	0.65	1.24	12.18	0.72	1.37	13.55	1.22	2.32	15.87	0.52	0.99	16.86
Pb	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mn	0.21	0.52	4.28	0.21	0.40	4.68	0.20	0.38	5.07	0.29	0.55	5.62	0.36	0.69	6.30
Hg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mo	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ni	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Se	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ag	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tl	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V2O5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Zn	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00	0.06	0.01	0.02	0.08
RADIOMETRICS															
U mg/l	0.01	0.01	0.10	0.00	0.01	0.10	0.01	0.01	0.12	0.01	0.01	0.13	0.01	0.01	0.14

TMW-17															
BATTLE SPRING AQUIFER															
CONTAMINANTS REMOVED															
DATE FS	07-Nov-05			16-Jan-06			10-Apr-06			03-Jul-06			05-Oct-06		
(Started pumping 7/1/86)		VOLUME 2005	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE
GALLONAGE		530,465.00	60,189,703.00		368,795.00	60,558,498.00		368,795.00	60,927,293.00		368,795.00	61,296,088.00		368,795.00	61,664,883.00
CONSTITUENTS	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED
	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)
MAJOR IONS															
Bicarbonate	134.00	269.08	37326.51	137.00	191.26	37,517.77	142.00	198.24	37,716.01	134.00	187.07	37,903.08	146.00	203.82	38,106.90
Calcium	82.90	166.47	31327.31	88.40	123.41	31,450.72	92.90	129.69	31,580.41	87.60	122.29	31,702.70	90.50	126.34	31,829.05
Carbonate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chloride	10.00	20.08	5430.38	9.00	12.56	5,442.94	9.00	12.56	5,455.51	14.00	19.54	5,475.05	8.00	11.17	5,486.22
Fluoride	0.10	0.20	28.26	0.00	0.00	28.26	0.10	0.14	28.40	0.10	0.14	28.54	0.20	0.28	28.82
Magnesium	5.60	11.24	1960.43	5.80	8.10	1,968.53	5.90	8.24	1,976.76	5.20	7.26	1,984.02	5.80	8.10	1,992.12
Nitrate(NO3)	0.00	0.00	118.86	0.00	0.00	118.86	0.00	0.00	118.86	0.00	0.00	118.86	0.00	0.00	118.86
Potassium	2.60	5.22	799.18	3.00	4.19	803.37	2.90	4.05	807.41	2.80	3.91	811.32	2.90	4.05	815.37
Silica	15.00	30.12	3039.60	16.00	22.34	3,061.94	16.00	22.34	3,084.27	17.00	23.73	3,108.01	15.00	20.94	3,128.95
Sodium	34.90	70.08	10219.24	36.20	50.54	10,269.78	34.80	48.58	10,318.36	36.00	50.26	10,368.62	38.40	53.61	10,422.23
Sulfate	183.00	367.47	72103.51	192.00	268.04	72,371.55	194.00	270.83	72,642.38	197.00	275.02	72,917.40	190.00	265.25	73,182.65
TDS	422.00	847.39	142277.49	414.00	577.96	142,855.45	418.00	583.55	143,439.00	430.00	600.30	144,039.29	394.00	550.04	144,589.33
TRACE METALS															
Aluminum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arsenic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barium	0.00	0.00	1.53	0.00	0.00	1.53	0.00	0.00	1.53	0.00	0.00	1.53	0.00	0.00	1.53
Beryllium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Boron	0.00	0.00	0.26	0.00	0.00	0.26	0.00	0.00	0.26	0.10	0.14	0.40	0.00	0.00	0.40
Cadmium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chromium	0.00	0.00	0.59	0.00	0.00	0.59	0.00	0.00	0.59	0.00	0.00	0.59	0.00	0.00	0.59
Cobalt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Copper	0.00	0.00	0.70	0.00	0.00	0.70	0.00	0.00	0.70	0.00	0.00	0.70	0.00	0.00	0.70
Cyanide	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Iron	0.00	0.00	21.05	0.00	0.00	21.05	0.00	0.00	21.05	0.00	0.00	21.05	0.08	0.11	21.16
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Manganese	0.05	0.10	18.77	0.04	0.06	18.83	0.04	0.06	18.88	0.04	0.06	18.94	0.04	0.06	19.00
Mercury	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Molybdenum	0.00	0.00	0.17	0.00	0.00	0.17	0.00	0.00	0.17	0.00	0.00	0.17	0.00	0.00	0.17
Nickel	0.00	0.00	0.81	0.00	0.00	0.81	0.00	0.00	0.81	0.00	0.00	0.81	0.00	0.00	0.81
Selenium	0.00	0.00	0.11	0.00	0.00	0.11	0.00	0.00	0.11	0.00	0.00	0.11	0.00	0.00	0.11
Silver	0.00	0.00	0.56	0.00	0.00	0.56	0.00	0.00	0.56	0.00	0.00	0.56	0.00	0.00	0.56
Thallium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vanadium	0.00	0.00	0.55	0.00	0.00	0.55	0.00	0.00	0.55	0.00	0.00	0.55	0.00	0.00	0.55
Zinc	0.00	0.00	7.30	0.00	0.00	7.30	0.00	0.00	7.30	0.00	0.00	7.30	0.01	0.01	7.32
RADIOMETRICS															
Uranium (mg/l)	0.01	0.01	3.35	0.01	0.01	3.36	0.01	0.01	3.37	0.01	0.01	3.38	0.01	0.01	3.39

TMW-18															
BATTLE SPRING AQUIFER															
CONTAMINANTS REMOVED															
DATE FS	08-Nov-05			11-Jan-06			10-Apr-06			03-Jul-06			05-Oct-06		
(Started pumping 10/8/86)		VOLUME 2005	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE
GALLONAGE		1,037,667.50	89,504,696.00		1,081,522.50	90,586,218.50		1,081,522.50	91,667,741.00		1,081,522.50	92,749,263.50		1,081,522.50	93,830,786.00
CONSTITUENTS	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED
	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)
MAJOR IONS															
Bicarbonate	558.00	2191.82	184142.69	573.00	2345.87	186488.55	580.00	2374.52	188863.08	541.00	2214.86	191077.93	560.00	2292.64	193370.58
Calcium	632.00	2482.50	201103.09	607.00	2485.06	203588.15	665.00	2722.52	206310.67	593.00	2427.75	208738.41	596.00	2440.03	211178.44
Carbonate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chloride	82.00	322.10	31688.51	75.00	307.05	31995.56	102.00	417.59	32413.15	96.00	393.02	32806.18	81.00	331.61	33137.79
Fluoride	0.00	0.00	6.17	0.00	0.00	6.17	0.00	0.00	6.17	0.00	0.00	6.17	0.00	0.00	6.17
Magnesium	51.00	200.33	12810.54	44.00	180.14	12990.67	52.00	212.89	13203.56	46.90	192.01	13395.57	48.10	196.92	13592.49
Nitrate(NO3)	0.00	0.00	173.01	0.00	0.00	173.01	0.00	0.00	173.01	0.00	0.00	173.01	0.00	0.00	173.01
Potassium	7.10	27.89	2248.74	6.50	26.61	2275.35	7.10	29.07	2304.42	7.40	30.30	2334.72	6.90	28.25	2362.96
Silica	24.00	94.27	7662.36	21.00	85.97	7748.33	25.00	102.35	7850.68	25.00	102.35	7953.03	22.00	90.07	8043.10
Sodium	101.00	396.73	29517.77	94.20	385.66	29903.43	92.20	377.47	30280.89	94.00	384.84	30665.73	101.00	413.49	31079.23
Sulfate	1240.00	4870.72	403129.10	1120.00	4585.29	407714.39	1340.00	5485.97	413200.36	1280.00	5240.33	418440.70	1240.00	5076.57	423517.26
TDS	2510.00	9859.28	811523.40	2540.00	10398.78	821922.18	2530.00	10357.84	832280.02	2540.00	10398.78	842678.80	2430.00	9948.44	852627.24
TRACE METALS															
Aluminum	0.00	0.00	59.53	0.00	0.00	59.53	0.00	0.00	59.53	0.00	0.00	59.53	0.00	0.00	59.53
Arsenic	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.04
Barium	0.00	0.00	0.48	0.00	0.00	0.48	0.00	0.00	0.48	0.00	0.00	0.48	0.00	0.00	0.48
Beryllium	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.08
Boron	0.00	0.00	1.89	0.00	0.00	1.89	0.00	0.00	1.89	0.10	0.41	2.30	0.00	0.00	2.30
Cadmium	0.00	0.00	0.12	0.00	0.00	0.12	0.00	0.00	0.12	0.00	0.00	0.12	0.00	0.00	0.12
Chromium	0.00	0.00	1.90	0.00	0.00	1.90	0.00	0.00	1.90	0.00	0.00	1.90	0.00	0.00	1.90
Cobalt	0.00	0.00	0.38	0.00	0.00	0.38	0.00	0.00	0.38	0.00	0.00	0.39	0.00	0.00	0.39
Copper	0.00	0.00	0.62	0.00	0.00	0.62	0.00	0.00	0.62	0.00	0.00	0.62	0.00	0.00	0.62
Cyanide	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Iron	7.44	29.22	2023.21	6.56	26.86	2050.07	8.21	33.61	2083.68	6.03	24.69	2108.37	7.38	30.21	2138.58
Lead	0.00	0.00	1.57	0.00	0.00	1.57	0.00	0.00	1.57	0.00	0.00	1.57	0.00	0.00	1.57
Manganese	1.29	5.07	290.17	1.17	4.79	294.96	1.30	5.32	300.29	1.20	4.91	305.20	1.24	5.08	310.28
Mercury	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Molybdenum	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00	0.06
Nickel	0.00	0.00	2.06	0.00	0.00	2.06	0.00	0.00	2.06	0.00	0.00	2.06	0.00	0.00	2.06
Selenium	0.00	0.00	0.35	0.00	0.00	0.36	0.00	0.01	0.36	0.00	0.00	0.37	0.00	0.01	0.38
Silver	0.00	0.00	0.48	0.00	0.00	0.48	0.00	0.00	0.48	0.00	0.00	0.48	0.00	0.00	0.48
Thallium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vanadium	0.00	0.00	2.36	0.00	0.00	2.36	0.00	0.00	2.36	0.00	0.00	2.36	0.00	0.00	2.36
Zinc	0.00	0.00	7.33	0.00	0.00	7.33	0.00	0.00	7.33	0.00	0.00	7.33	0.01	0.04	7.38
RADIOMETRICS															
Uranium (mg/l)	0.00	0.01	1.91	0.00	0.01	1.91	0.00	0.01	1.92	0.00	0.01	1.92	0.00	0.01	1.93

TMW-57															
CONTAMINANTS REMOVED															
PERCHED AQUIFER WELL															
DATE FS	11/8/05			1/12/06			4/10/06			7/3/06			10/5/06		
(Started pumping May 2001)		VOLUME 2005	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE
GALLONAGE		516517.50	9462710.00		654950.00	10117660.00		654950.00	10772610.00		654950.00	11427560.00		654950.00	12082510.00
CONSTITUENTS	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED
MAJOR IONS	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)
Bicarbonate	134.00	262.00	4690.18	131.00	324.78	5014.96	140.00	347.10	5362.05	126.00	312.39	5674.44	132.00	327.26	6001.70
Calcium	125.00	244.40	4917.04	126.00	312.39	5229.43	123.00	304.95	5534.38	119.00	295.03	5829.41	122.00	302.47	6131.88
Carbonate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chloride	12.00	23.46	558.03	13.00	32.23	590.26	15.00	37.19	627.45	19.00	47.11	674.55	14.00	34.71	709.26
Fluoride	0.20	0.39	6.47	0.00	0.00	6.47	0.20	0.50	6.97	0.10	0.25	7.22	0.10	0.25	7.46
Magnesium	9.10	17.79	398.86	9.50	23.55	422.42	8.70	21.57	443.99	8.20	20.33	464.32	8.80	21.82	486.13
Nitrate(NO3)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Potassium	3.10	6.06	126.16	3.10	7.69	133.85	3.10	7.69	141.53	3.20	7.93	149.47	3.20	7.93	157.40
Silica	15.00	29.33	463.48	14.00	34.71	498.19	15.00	37.19	535.38	16.00	39.67	575.05	14.00	34.71	609.76
Sodium	42.90	83.88	1466.10	41.80	103.63	1569.73	40.30	99.91	1669.65	42.50	105.37	1775.02	41.80	103.63	1878.65
Sulfate	294.00	574.84	11948.94	302.00	748.74	12697.68	287.00	711.55	13409.23	298.00	738.82	14148.04	279.00	691.71	14839.76
TDS	563.00	1100.80	22742.59	586.00	1452.84	24195.43	550.00	1363.59	25559.02	564.00	1398.30	26957.32	516.00	1279.30	28236.62
TRACE METALS															
Aluminum	0.00	0.00	0.20	0.00	0.00	0.20	0.00	0.00	0.20	0.00	0.00	0.20	0.00	0.00	0.20
Arsenic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Beryllium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Boron	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.25	0.25	0.00	0.00	0.25
Cadmium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chromium	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.04
Cobalt	0.00	0.01	0.44	0.01	0.01	0.46	0.00	0.00	0.46	0.00	0.00	0.47	0.00	0.00	0.47
Copper	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cyanide	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Iron	0.21	0.41	17.36	0.48	1.19	18.55	0.00	0.00	18.55	0.09	0.22	18.77	0.06	0.15	18.92
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Manganese	0.11	0.22	6.74	0.11	0.27	7.02	0.08	0.20	7.22	0.09	0.22	7.44	0.09	0.22	7.66
Mercury	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Molybdenum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nickel	0.00	0.00	0.57	0.00	0.00	0.57	0.00	0.00	0.57	0.00	0.00	0.57	0.00	0.00	0.57
Selenium	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01
Silver	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thallium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vanadium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Zinc	0.00	0.00	0.77	0.00	0.00	0.77	0.00	0.00	0.77	0.00	0.00	0.77	0.01	0.02	0.80
RADIOMETRICS															
Uranium (mg/l)	0.01	0.01	0.31	0.01	0.02	0.33	0.01	0.02	0.35	0.01	0.01	0.36	0.01	0.01	0.38

KENNECOTT URANIUM COMPANY

TMW-58															
BATTLE SPRING AQUIFER															
CONTAMINANTS REMOVED															
DATE FS	08-Nov-05			11-Jan-06			10-Apr-06			03-Jul-06			05-Oct-06		
(Started pumping 6/20/94)		VOLUME 2005	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE
GALLONAGE		444177.50	32848180.01		542530.00	33390710.01		542530.00	33933240.01		542530.00	34475770.01		542530.00	35018300.01
CONSTITUENTS	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED
MAJOR IONS	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)
Bicarbonate	201.00	337.96	25857.31	220.00	451.81	26309.12	230.00	472.35	26781.47	234.00	480.57	27262.04	246.00	505.21	27767.25
Calcium	230.00	386.72	28503.21	238.00	488.78	28991.99	246.00	505.21	29497.20	253.00	519.59	30016.78	277.00	568.87	30585.66
Carbonate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chloride	32.00	53.80	3247.07	31.00	63.66	3310.74	40.00	82.15	3392.88	36.00	73.93	3466.82	38.00	78.04	3544.86
Fluoride	0.10	0.17	12.57	0.00	0.00	12.57	0.10	0.21	12.77	0.10	0.21	12.98	0.10	0.21	13.18
Magnesium	20.00	33.63	2168.09	20.70	42.51	2210.60	22.00	45.18	2255.78	19.40	39.84	2295.62	22.40	46.00	2341.62
Nitrate(NO3)	0.00	0.00	4.52	0.00	0.00	4.52	0.00	0.00	4.52	0.00	0.00	4.52	0.00	0.00	4.52
Potassium	4.40	7.40	531.24	4.00	8.21	539.45	4.70	9.65	549.10	4.40	9.04	558.14	4.50	9.24	567.38
Silica	15.00	25.22	1895.92	14.00	28.75	1924.67	17.00	34.91	1959.58	16.00	32.86	1992.44	16.00	32.86	2025.30
Sodium	55.40	93.15	6598.41	54.40	111.72	6710.13	53.20	109.26	6819.39	58.20	119.53	6938.91	60.30	123.84	7062.75
Sulfate	554.00	931.49	65843.56	549.00	1127.48	66971.05	613.00	1258.92	68229.96	587.00	1205.52	69435.48	615.00	1263.03	70698.51
TDS	1000.00	1681.39	124685.97	1130.00	2320.68	127006.65	1120.00	2300.14	129306.79	1140.00	2341.22	131648.01	1280.00	2628.74	134276.74
TRACE METALS															
Aluminum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arsenic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Beryllium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Boron	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.21	0.21	0.00	0.00	0.21
Cadmium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chromium	0.00	0.00	0.22	0.00	0.00	0.22	0.00	0.00	0.22	0.00	0.00	0.22	0.00	0.00	0.22
Cobalt	0.00	0.01	0.18	0.01	0.01	0.20	0.00	0.01	0.20	0.00	0.00	0.21	0.00	0.00	0.21
Copper	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cyanide	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Iron	0.54	0.91	47.40	0.33	0.68	48.08	0.30	0.62	48.70	0.83	1.70	50.40	0.74	1.52	51.92
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Manganese	0.24	0.40	23.29	0.26	0.53	23.82	0.23	0.47	24.29	0.23	0.47	24.77	0.24	0.49	25.26
Mercury	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Molybdenum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nickel	0.00	0.00	0.24	0.01	0.02	0.26	0.00	0.00	0.26	0.00	0.00	0.26	0.00	0.00	0.26
Selenium	0.00	0.00	0.11	0.00	0.00	0.12	0.00	0.00	0.12	0.00	0.00	0.12	0.00	0.00	0.12
Silver	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thallium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vanadium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Zinc	0.00	0.00	3.93	0.00	0.00	3.93	0.00	0.00	3.93	0.00	0.00	3.93	0.02	0.04	3.97
RADIOMETRICS															
Uranium (mg/l)	0.02	0.03	1.66	0.02	0.05	1.71	0.02	0.04	1.74	0.02	0.04	1.78	0.02	0.04	1.82

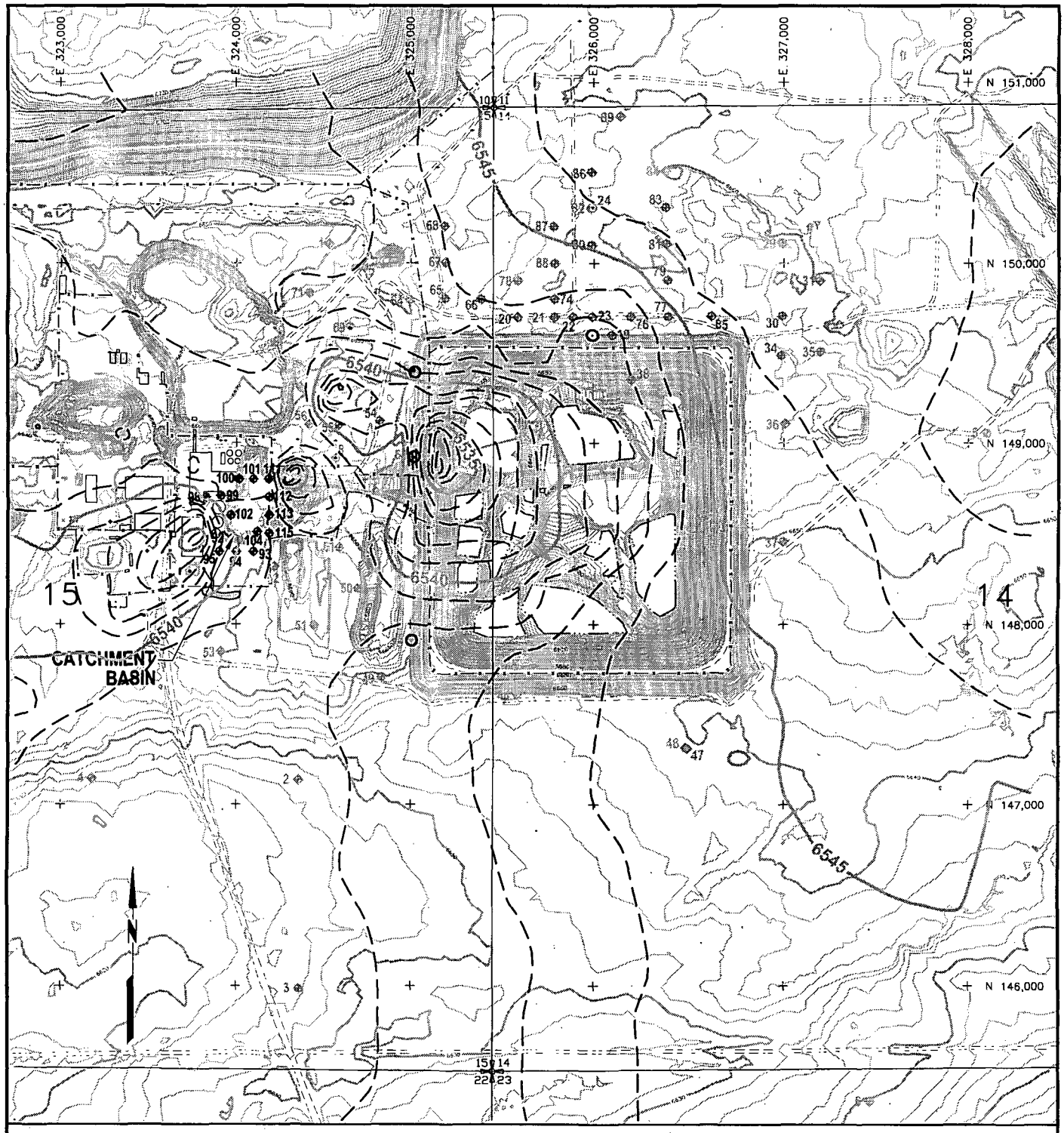
TMW-59															
CONTAMINANTS REMOVED															
DATE FS	7-Nov-05			11-Jan-06			10-Apr-06			3-Jul-06			5-Oct-06		
(Started pumping 9/1/88)		VOLUME 2005	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE
GALLONAGE		558427.50	33584307.00		578190.00	34162497.00		578190.00	34740687.00		578190.00	35318877.00		578190.00	35897067.00
CONSTITUENTS	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED
	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)
MAJOR IONS															
Bicarbonate	372.00	786.36	51177.63	320.00	700.38	51878.01	372.00	814.19	52692.20	300.00	656.61	53348.81	281.00	615.02	53963.83
Calcium	465.00	982.95	71889.96	489.00	1070.27	72960.23	548.00	1199.40	74159.63	480.00	1050.57	75210.20	521.00	1140.31	76350.51
Carbonate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chloride	82.00	173.34	10122.80	80.00	175.09	10297.89	96.00	210.11	10508.01	78.00	170.72	10678.72	82.00	179.47	10858.20
Fluoride	0.20	0.42	11.50	0.00	0.00	11.50	0.20	0.44	11.94	0.20	0.44	12.37	0.20	0.44	12.81
Magnesium	66.50	140.57	8213.60	63.30	138.54	8352.15	71.00	155.40	8507.54	64.10	140.29	8647.84	70.20	153.65	8801.49
Nitrate(NO3)	0.00	0.00	15.74	0.00	0.00	15.74	0.00	0.00	15.74	0.00	0.00	15.74	0.00	0.00	15.74
Potassium	6.90	14.59	853.07	6.80	14.88	867.96	7.10	15.54	883.50	8.20	17.95	901.44	7.40	16.20	917.64
Silica	19.00	40.16	2593.72	16.00	35.02	2628.74	20.00	43.77	2672.51	18.00	39.40	2711.91	18.00	39.40	2751.31
Sodium	92.00	194.48	11265.40	90.40	197.86	11463.25	91.60	200.48	11663.74	93.00	203.55	11867.29	101.00	221.06	12088.34
Sulfate	1260.00	2663.49	180741.98	1200.00	2626.42	183368.41	1380.00	3020.39	186388.79	1300.00	2845.29	189234.09	1350.00	2954.73	192188.82
TDS	2450.00	5179.00	329146.56	2430.00	5318.51	334465.07	2430.00	5318.51	339783.58	2410.00	5274.74	345058.32	2350.00	5143.42	350201.74
TRACE METALS															
Aluminum	0.00	0.00	1.48	0.00	0.00	1.48	0.00	0.00	1.48	0.00	0.00	1.48	0.00	0.00	1.48
Arsenic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barium	0.00	0.00	0.21	0.00	0.00	0.21	0.00	0.00	0.21	0.00	0.00	0.21	0.00	0.00	0.21
Beryllium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Boron	0.10	0.21	2.75	0.10	0.22	2.97	0.10	0.22	3.19	-0.10	-0.22	2.97	0.10	0.22	3.19
Cadmium	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.03
Chromium	0.00	0.00	0.22	0.00	0.00	0.22	0.00	0.00	0.22	0.00	0.00	0.22	0.00	0.00	0.22
Cobalt	0.01	0.03	0.94	0.13	0.28	1.23	0.11	0.24	1.47	0.01	0.03	1.49	0.01	0.03	1.52
Copper	0.00	0.00	0.14	0.00	0.00	0.14	0.00	0.00	0.14	0.00	0.00	0.14	0.00	0.00	0.14
Cyanide	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Iron	45.60	96.39	3390.32	42.40	92.80	3483.12	48.40	105.93	3589.05	51.20	112.06	3701.11	47.80	104.62	3805.73
Lead	0.00	0.00	0.12	0.00	0.00	0.12	0.00	0.00	0.12	0.00	0.00	0.12	0.00	0.00	0.12
Manganese	3.80	8.03	352.23	3.63	7.94	360.17	3.42	7.49	367.66	3.75	8.21	375.87	3.90	8.54	384.40
Mercury	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Molybdenum	0.00	0.00	0.26	0.00	0.00	0.26	0.00	0.00	0.26	0.00	0.00	0.26	0.00	0.00	0.26
Nickel	0.02	0.04	1.83	0.02	0.04	1.87	0.02	0.04	1.92	0.02	0.04	1.96	0.02	0.04	2.00
Selenium	0.00	0.00	0.12	0.00	0.00	0.12	0.00	0.00	0.13	0.00	0.00	0.13	0.00	0.00	0.14
Silver	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00	0.06
Thallium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vanadium	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.03
Zinc	0.00	0.00	2.60	0.00	0.00	2.60	0.00	0.00	2.60	0.00	0.00	2.60	0.01	0.02	2.62
RADIOMETRICS															
Uranium (mg/l)	0.01	0.02	0.84	0.01	0.02	0.87	0.01	0.03	0.89	0.01	0.02	0.92	0.01	0.02	0.94

TMW-75															
CONTAMINANTS REMOVED															
DATE FS	7-Nov-05			16-Jan-06			10-Apr-06			3-Jul-06			5-Oct-06		
(Started pumping 5/1/88)		VOLUME 2005	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE
GALLONAGE		587810.00	45322140.00		272060.00	45594200.00		272060.00	45866260.00		272060.00	46138320.00		272060.00	46410380.00
CONSTITUENTS	ANALYSIS (PPM)	QUANTITY REMOVED (KG)	QUANTITY REMOVED (KG)	ANALYSIS (PPM)	QUANTITY REMOVED (KG)	QUANTITY REMOVED (KG)	ANALYSIS (PPM)	QUANTITY REMOVED (KG)	QUANTITY REMOVED (KG)	ANALYSIS (PPM)	QUANTITY REMOVED (KG)	QUANTITY REMOVED (KG)	ANALYSIS (PPM)	QUANTITY REMOVED (KG)	QUANTITY REMOVED (KG)
MAJOR IONS															
Bicarbonate	156.00	347.12	32631.19	156.00	160.66	32791.85	152.00	156.54	32948.39	145.00	149.33	33097.72	147.00	151.39	33249.11
Calcium	134.00	298.16	31220.19	135.00	139.03	31359.22	137.00	141.09	31500.31	139.00	143.15	31643.46	143.00	147.27	31790.73
Carbonate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chloride	19.00	42.28	4582.81	17.00	17.51	4600.32	18.00	18.54	4618.86	14.00	14.42	4633.28	17.00	17.51	4650.79
Fluoride	0.10	0.22	24.31	0.00	0.00	24.31	0.20	0.21	24.52	0.10	0.10	24.62	0.10	0.10	24.73
Magnesium	11.60	25.81	2422.94	11.10	11.43	2434.37	10.70	11.02	2445.39	10.30	10.61	2456.00	11.00	11.33	2467.33
Nitrate(NO3)	0.00	0.00	34.27	0.00	0.00	34.27	0.00	0.00	34.27	0.00	0.00	34.27	0.00	0.00	34.27
Potassium	3.20	7.12	633.10	3.50	3.60	636.71	3.20	3.30	640.00	3.40	3.50	643.50	3.40	3.50	647.00
Silica	15.00	33.38	2653.05	15.00	15.45	2668.50	15.00	15.45	2683.95	16.00	16.48	2700.43	14.00	14.42	2714.84
Sodium	44.50	99.02	8780.79	44.20	45.52	8826.31	44.20	45.52	8871.83	48.00	49.43	8921.26	46.80	48.20	8969.46
Sulfate	322.00	716.48	68769.72	315.00	324.41	69094.13	320.00	329.55	69423.68	342.00	352.21	69775.89	329.00	338.82	70114.72
TDS	658.00	1464.12	141149.51	600.00	617.92	141767.43	618.00	636.45	142403.88	652.00	671.47	143075.35	638.00	657.05	143732.40
TRACE METALS															
Aluminum	0.00	0.00	0.44	0.00	0.00	0.44	0.00	0.00	0.44	0.00	0.00	0.44	0.00	0.00	0.44
Arsenic	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00	0.07
Barium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Beryllium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Boron	0.00	0.00	1.13	0.00	0.00	1.13	0.00	0.00	1.13	0.10	0.10	1.23	0.00	0.00	1.23
Cadmium	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.08
Chromium	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01
Cobalt	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.02
Copper	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.08
Cyanide	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Iron	0.15	0.33	26.02	0.14	0.14	26.17	0.11	0.11	26.28	0.27	0.28	26.56	0.17	0.18	26.73
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Manganese	0.11	0.24	20.80	0.11	0.11	20.91	0.10	0.10	21.01	0.10	0.10	21.12	0.09	0.09	21.21
Mercury	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Molybdenum	0.00	0.00	0.26	0.00	0.00	0.26	0.00	0.00	0.26	0.00	0.00	0.26	0.00	0.00	0.26
Nickel	0.00	0.00	0.45	0.00	0.00	0.45	0.00	0.00	0.45	0.00	0.00	0.45	0.00	0.00	0.45
Selenium	0.00	0.00	0.12	0.00	0.00	0.12	0.00	0.00	0.12	0.00	0.00	0.12	0.00	0.00	0.12
Silver	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.02
Thallium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vanadium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Zinc	0.00	0.00	2.56	0.00	0.00	2.56	0.00	0.00	2.56	0.00	0.00	2.56	0.02	0.02	2.58
RADIOMETRICS															
Uranium (mg/l)	0.03	0.08	10.70	0.03	0.03	10.73	0.03	0.03	10.76	0.03	0.03	10.79	0.03	0.03	10.81

TMW-96															
CONTAMINANTS REMOVED															
DATE FS	31-Oct-05			23-Jan-06			10-Apr-06			3-Jul-06			7-Oct-06		
Started pumping June 30, 2005		VOLUME 2005	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE
GALLONAGE		745310.00	1490620.00		992475.00	2483095.00		992475.00	3475570.00		992475.00	4468045.00		992475.00	5460520.00
CONSTITUENTS	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED
	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)
MAJOR IONS															
Bicarbonate	138.00	389.34	789.97	137.00	514.70	1304.66	137.00	514.70	1819.36	134.00	503.43	2322.79	137.00	514.70	2837.49
Calcium	175.00	493.73	1018.49	168.00	631.16	1649.65	183.00	687.52	2337.17	183.00	687.52	3024.69	187.00	702.55	3727.24
Carbonate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chloride	26.00	73.35	152.35	24.00	90.17	242.52	27.00	101.44	343.95	33.00	123.98	467.93	25.00	93.92	561.86
Fluoride	0.10	0.28	0.56	0.10	0.38	0.94	0.10	0.38	1.32	0.10	0.38	1.69	0.10	0.38	2.07
Magnesium	12.40	34.98	75.89	11.90	44.71	120.60	12.60	47.34	167.94	11.70	43.96	211.89	12.80	48.09	259.98
Nitrate(NO3)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Potassium	3.70	10.44	20.88	3.50	13.15	34.03	3.50	13.15	47.18	3.80	14.28	61.45	3.60	13.52	74.98
Silica	14.00	39.50	79.00	14.00	52.60	131.59	15.00	56.35	187.95	15.00	56.35	244.30	14.00	52.60	296.90
Sodium	46.60	131.47	272.82	47.00	176.58	449.40	48.20	181.08	630.48	50.60	190.10	820.58	51.40	193.11	1013.69
Sulfate	417.00	1176.48	2386.82	417.00	1566.64	3953.46	446.00	1675.59	5629.05	460.00	1728.19	7357.24	443.00	1664.32	9021.56
TDS	754.00	2127.26	4435.09	757.00	2843.99	7279.09	814.00	3058.14	10337.22	828.00	3110.74	13447.96	806.00	3028.08	16476.04
TRACE METALS															
Aluminum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arsenic	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01
Barium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Beryllium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Boron	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.38	0.38	0.00	0.00	0.38
Cadmium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chromium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cobalt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Copper	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cyanide	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Iron	0.00	0.00	0.20	0.00	0.00	0.20	0.00	0.00	0.20	0.14	0.53	0.72	0.00	0.00	0.72
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Manganese	0.11	0.31	0.54	0.11	0.41	0.95	0.10	0.38	1.33	0.11	0.41	1.74	0.11	0.41	2.15
Mercury	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Molybdenum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nickel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Selenium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01
Silver	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thallium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vanadium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Zinc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.04
RADIOMETRICS															
Uranium (mg/l)	0.03	0.09	0.28	0.02	0.08	0.36	0.03	0.11	0.47	0.02	0.09	0.56	0.02	0.09	0.65

TMW-97															
CONTAMINANTS REMOVED															
DATE FS	31-Oct-05			15-Mar-06			6-Jun-06			11-Sep-06			9-Nov-06		
Started pumping September 6, 2005		VOLUME 2005	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE		VOLUME 2006	CUMULATIVE
GALLONAGE		803270.00	1606540.00		1093665.00	2700205.00		1093665.00	3793870.00		1093665.00	4887535.00		1093665.00	5981200.00
CONSTITUENTS	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED	ANALYSIS	QUANTITY REMOVED	QUANTITY REMOVED
	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)	(PPM)	(KG)	(KG)
MAJOR IONS															
Bicarbonate	131.00	398.33	817.95	123.00	509.22	1327.17	121.00	500.94	1828.10	115.00	476.10	2304.20	119.00	492.66	2796.86
Calcium	180.00	547.33	1137.22	140.00	579.60	1716.82	148.00	612.72	2329.54	140.00	579.60	2909.13	141.00	583.74	3492.87
Carbonate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chloride	25.00	76.02	164.20	20.00	82.80	247.00	21.00	86.94	333.94	19.00	78.66	412.60	19.00	78.66	491.26
Fluoride	0.10	0.30	0.61	0.20	0.83	1.44	0.20	0.83	2.26	0.10	0.41	2.68	0.10	0.41	3.09
Magnesium	13.00	39.53	84.84	9.80	40.57	125.41	11.90	49.27	174.67	9.60	39.74	214.42	10.40	43.06	257.47
Nitrate(NO3)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Potassium	3.70	11.25	22.20	3.00	12.42	34.62	3.70	15.32	49.93	3.10	12.83	62.77	3.20	13.25	76.02
Silica	14.00	42.57	85.14	14.00	57.96	143.10	14.00	57.96	201.06	14.00	57.96	259.02	14.00	57.96	316.98
Sodium	46.30	140.78	290.69	45.20	187.13	477.82	44.50	184.23	662.05	43.70	180.92	842.96	43.20	178.85	1021.81
Sulfate	439.00	1334.87	1921.73	329.00	1362.05	3283.78	368.00	1523.51	4807.29	347.00	1436.57	6243.86	339.00	1403.45	7647.31
TDS	756.00	2298.78	4992.84	624.00	2583.34	7576.18	650.00	2690.98	10267.17	598.00	2475.70	12742.87	756.00	3129.82	15872.69
TRACE METALS															
Aluminum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arsenic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Beryllium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Boron	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cadmium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chromium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cobalt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Copper	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cyanide	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Iron	0.18	0.55	0.55	0.00	0.00	0.55	0.00	0.00	0.55	0.00	0.00	0.55	0.18	0.75	1.29
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Manganese	0.11	0.33	0.70	0.08	0.33	1.03	0.10	0.41	1.44	0.09	0.37	1.82	0.11	0.46	2.27
Mercury	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Molybdenum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nickel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Selenium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Silver	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thallium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vanadium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Zinc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RADIOMETRICS															
Uranium (mg/l)	0.02	0.07	0.20	0.02	0.07	0.27	0.04	0.15	0.42	0.02	0.08	0.50	0.03	0.12	0.62

Maps



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RAWLINS, WY 82301

LEGEND

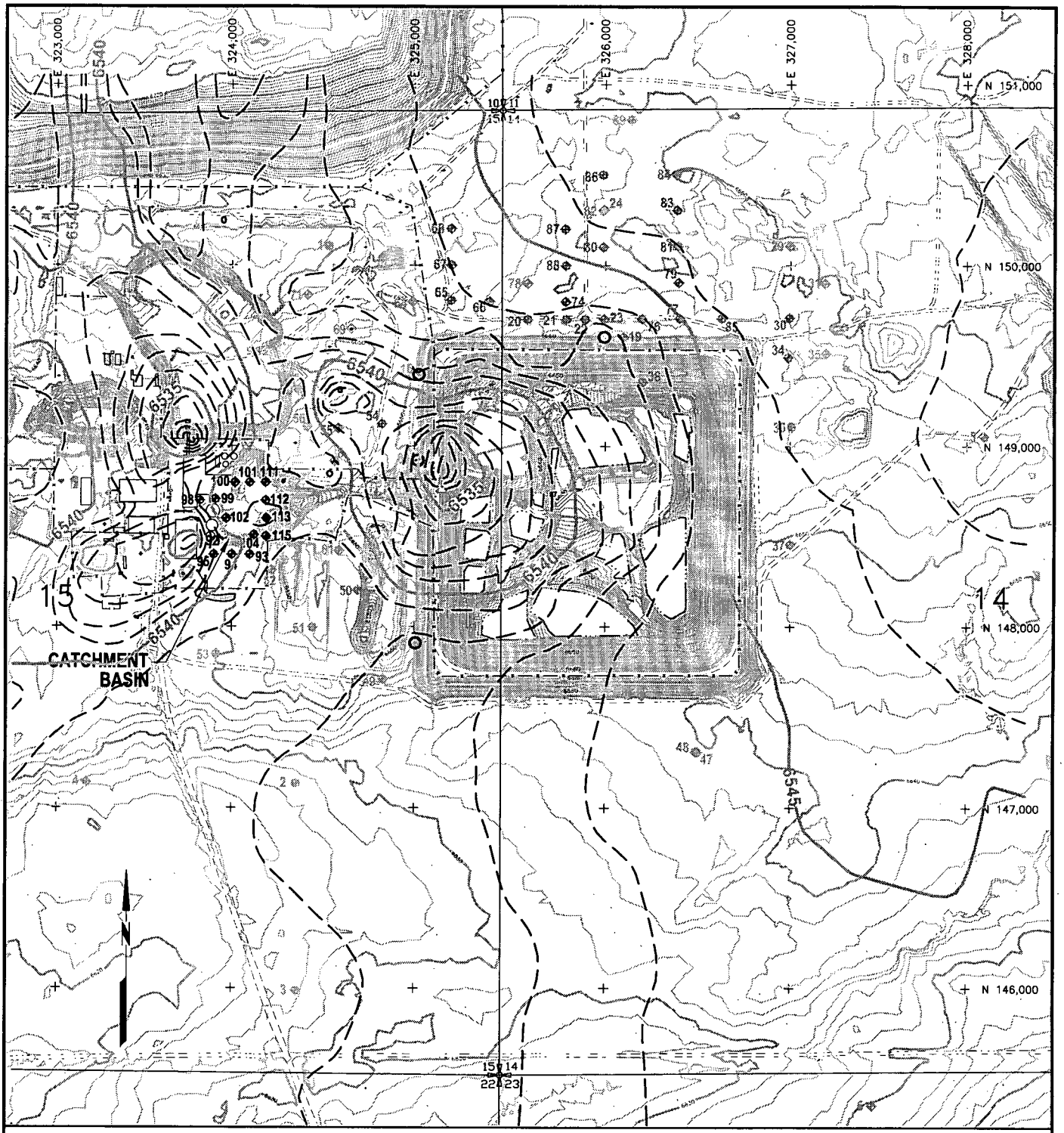
- 5' GROUNDWATER CONTOUR
- 1' GROUNDWATER CONTOUR
- SHALLOW WELLS (PERCHED)
- DEEP AQUIFER WELLS
- AQUIFER WELLS
- PUMPBACK WELLS, AQUIFER
- COMPLIANCE MONITORING WELLS
- POINT OF COMPLIANCE (POC) WELLS (TAILINGS IMPOUNDMENT)
- CONTAMINATED SOIL EXCAVATION MONITOR WELLS

NOTE:
ALL WELLS HAVE A TMW PREFIX (TYP.)

MFG, Inc.
consulting scientists and engineers

SWEETWATER URANIUM FACILITY
MARCH 2006 PIEZOMETRIC CONTOUR MAP
2006 CORRECTIVE ACTION PROGRAM REVIEW

Date:	FEBRUARY 2007
Project:	06-442\REP2007\
File:	2007-GW-FIG.dwg



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0 800

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LEGEND

- 5' GROUNDWATER CONTOUR
- 1' GROUNDWATER CONTOUR
- SHALLOW WELLS (PERCHED)
- DEEP AQUIFER WELLS
- AQUIFER WELLS
- PUMPBACK WELLS, AQUIFER
- COMPLIANCE MONITORING WELLS
- POINT OF COMPLIANCE (POC) WELLS (TAILINGS IMPOUNDMENT)
- CONTAMINATED SOIL EXCAVATION MONITOR WELLS

NOTE:
ALL WELLS HAVE A TMW PREFIX (TYP.)

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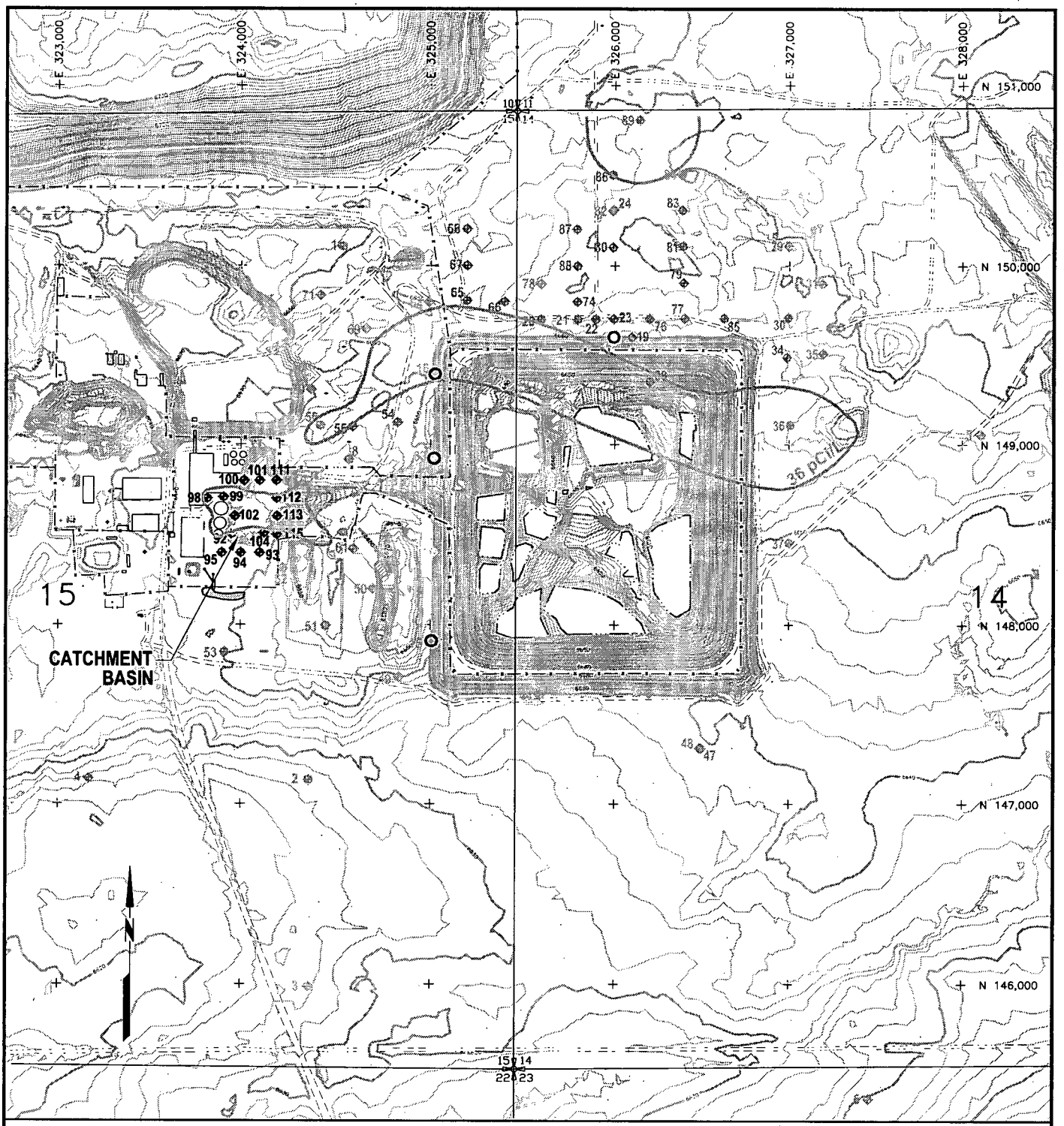
SWEETWATER URANIUM FACILITY
SEPTEMBER 2006 PIEZOMETRIC CONTOUR MAP
2006 CORRECTIVE ACTION PROGRAM REVIEW

Date:	FEBRUARY 2007
Project:	06-442\REP2007\
File:	2007-GW-FIG.dwg



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BY ROBERT JACK SMITH & ASSOC. INC.
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P.O. BOX 1104, 1015 HARSHMAN ST.
RAWLINS, WY 82301

LEGEND

36 PCI/L URANIUM CONTOUR
BASED ON HIGHEST NATURAL URANIUM
RESULT FOR GIVEN WELL IN 2006.

NOTE:
ALL WELLS HAVE A TMW PREFIX (TYP.)

- SHALLOW WELLS (PERCHED)
- DEEP AQUIFER WELLS
- AQUIFER WELLS
- PUMPBACK WELLS, AQUIFER
- COMPLIANCE MONITORING WELLS
- POINT OF COMPLIANCE (POC) WELLS (TAILINGS IMPOUNDMENT)
- CONTAMINATED SOIL EXCAVATION MONITOR WELLS

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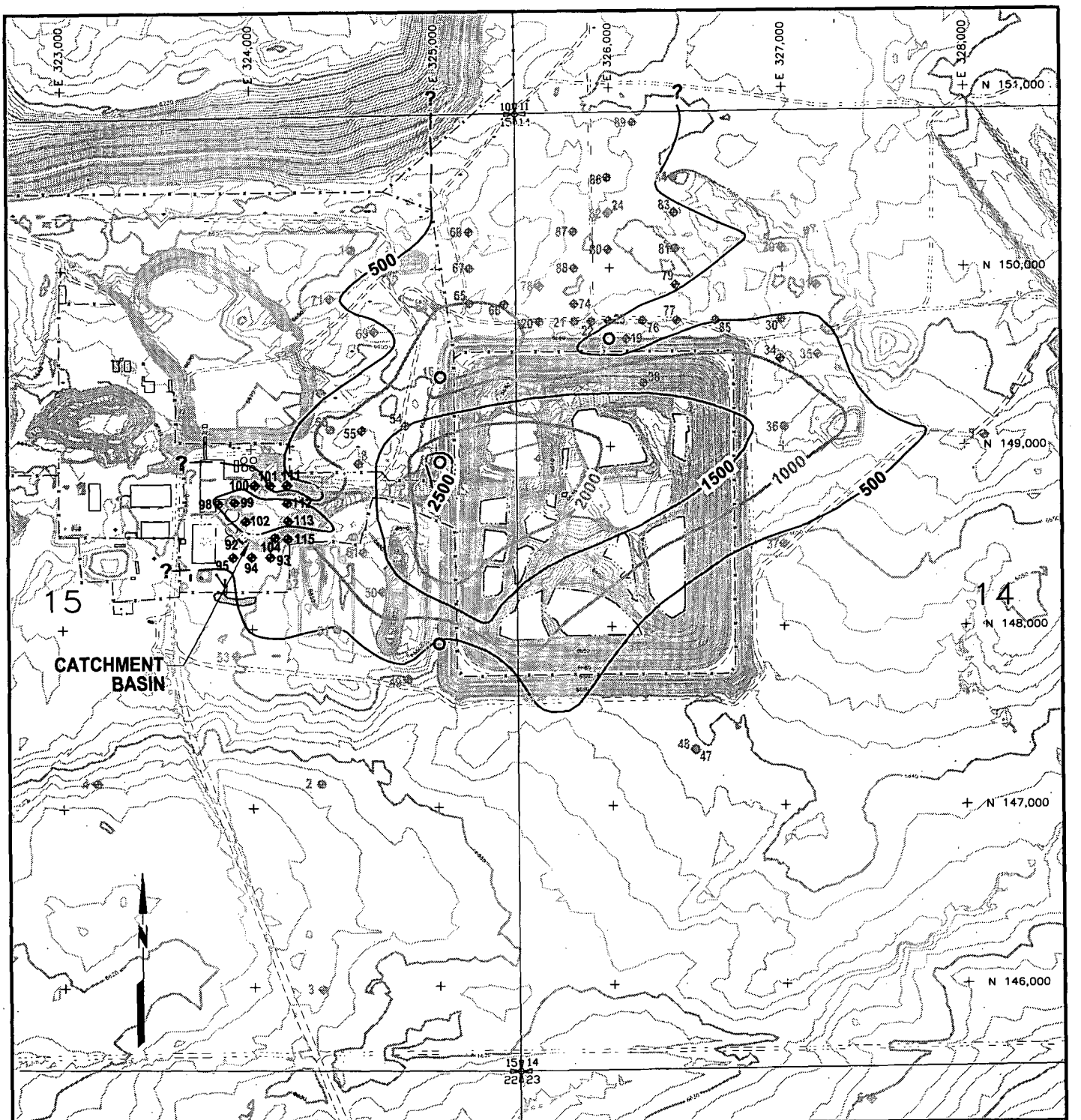
SWEETWATER URANIUM FACILITY
URANIUM (U-nat) CONTOUR MAP
2006 CORRECTIVE ACTION PROGRAM REVIEW

Date:	FEBRUARY 2007
Project:	06-442\REP2007\
File:	2007-UR-FIG.dwg



SCALE IN FEET

0 800

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CONSULTING LAND SURVEYORS
P.O. BOX 1104, 1015 HARSHMAN ST.
RAWLINS, WY 82301

LEGEND

500 ppm TDS CONTOUR
TOTAL DISSOLVED SOLIDS (TDS)
CONTOURS BASED ON THE HIGHEST
TOTAL DISSOLVED SOLIDS (TDS)
RESULT FOR GIVEN WELL FOR 2006.

NOTE:
ALL WELLS HAVE A TMW PREFIX (TYP.)

- SHALLOW WELLS (PERCHED)
- DEEP AQUIFER WELLS
- AQUIFER WELLS
  PUMPBACK WELLS, AQUIFER
- COMPLIANCE MONITORING WELLS
- POINT OF COMPLIANCE (POC) WELLS (TAILINGS IMPOUNDMENT)
  CONTAMINATED SOIL EXCAVATION MONITOR WELLS

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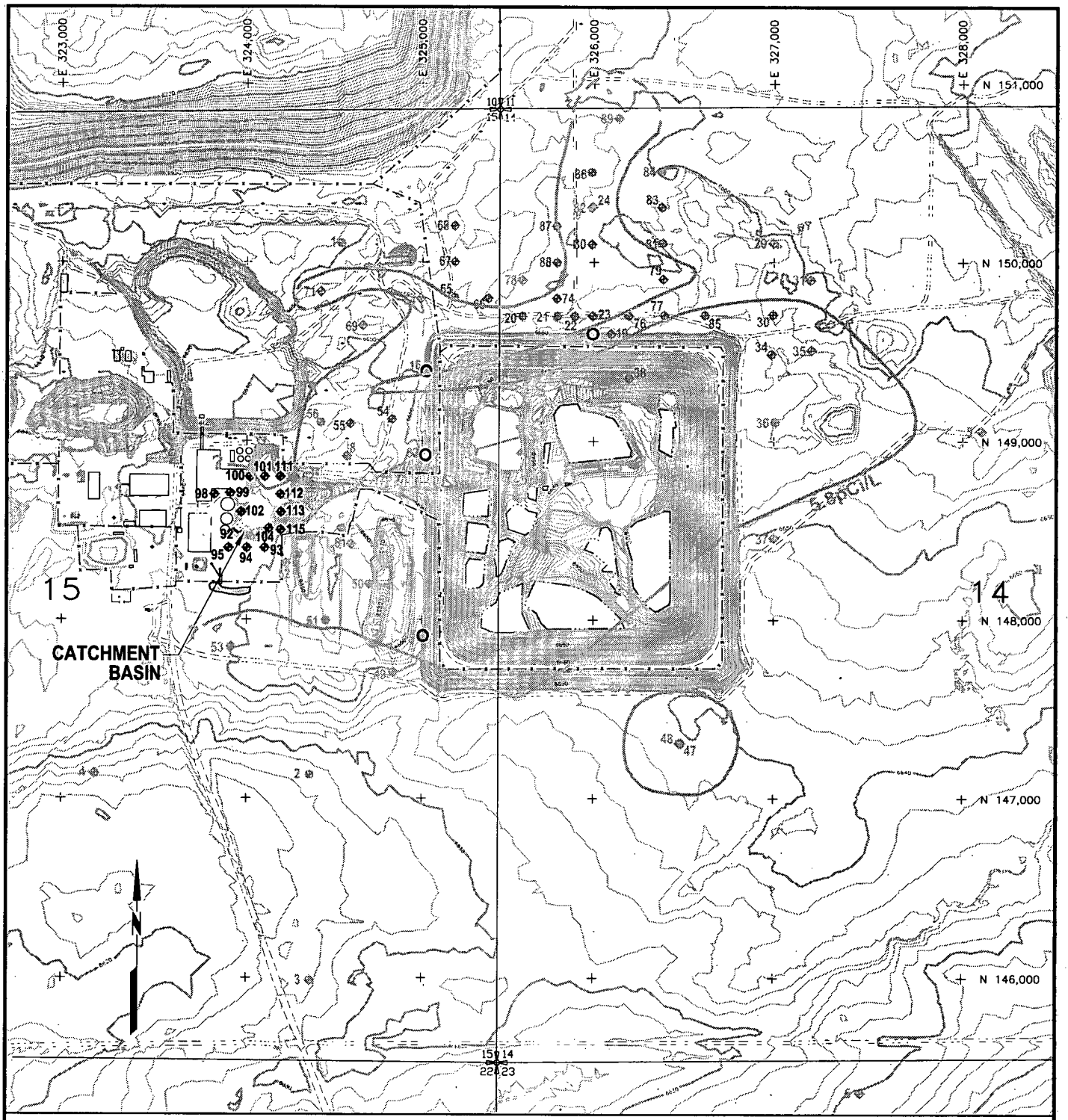
SWEETWATER URANIUM FACILITY
TDS CONTOUR MAP
2006 CORRECTIVE ACTION PROGRAM REVIEW

Date:	FEBRUARY 2007
Project:	06-442\REP2007\
File:	2007-TDS-FIG.dwg



SCALE IN FEET

0 800

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BY ROBERT JACK SMITH & ASSOC. INC.
CONSULTING LAND SURVEYORS
P.O. BOX 1104, 1015 HARSHMAN ST.
RAWLINS, WY 82301

LEGEND

5.8 PCI/L COMBINED RADIUM-226/228 CONTOUR BASED ON HIGHEST COMBINED RADIUM-266/228 RESULT FOR GIVEN WELL FOR 2006.

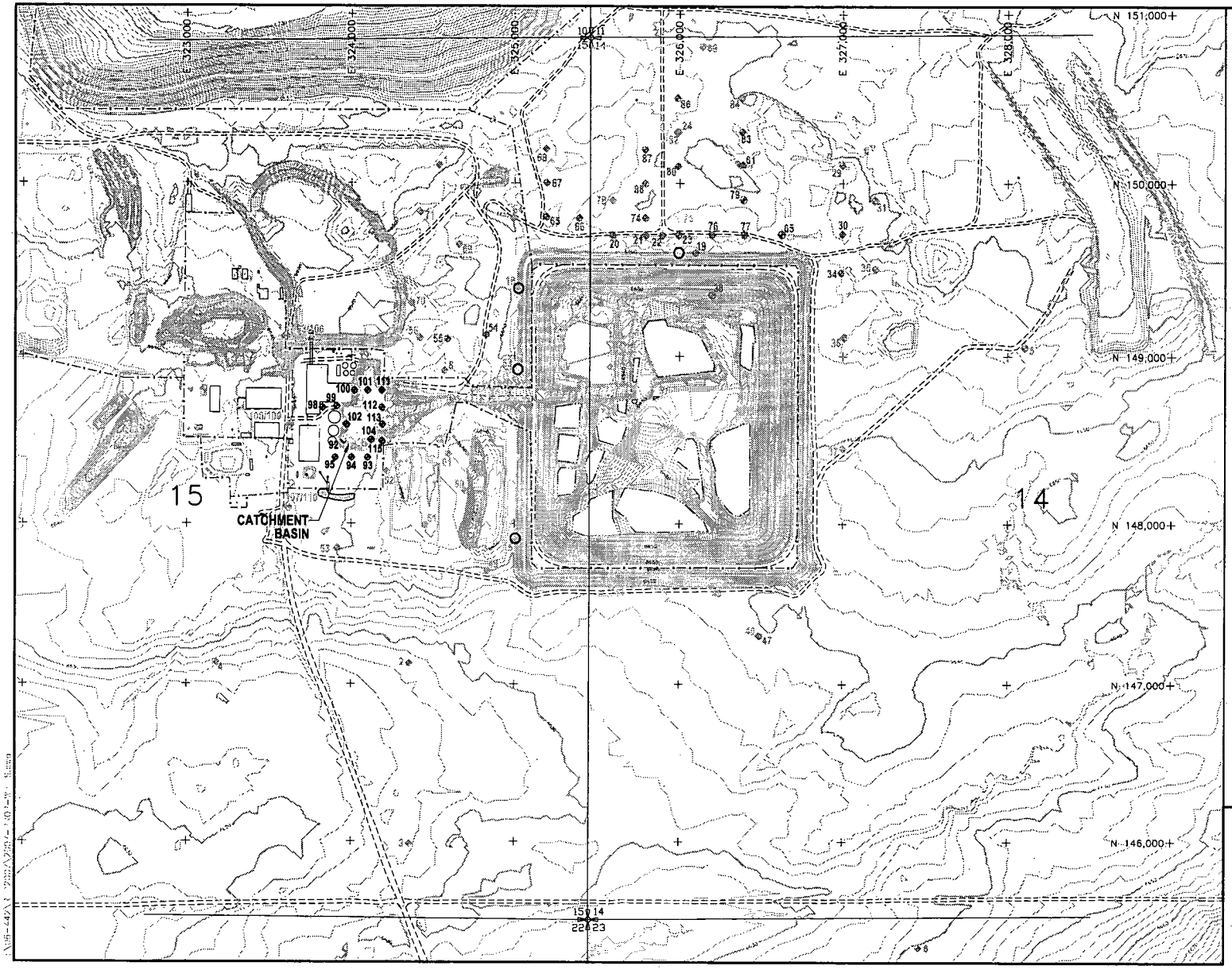
NOTE:
ALL WELLS HAVE A TMW PREFIX (TYP.)

- SHALLOW WELLS (PERCHED)
- DEEP AQUIFER WELLS
- AQUIFER WELLS
- PUMPBACK WELLS, AQUIFER
- COMPLIANCE MONITORING WELLS
- POINT OF COMPLIANCE (POC) WELLS (TAILINGS IMPOUNDMENT)
- CONTAMINATED SOIL EXCAVATION MONITOR WELLS

MFG, Inc.
consulting scientists and engineers

SWEETWATER URANIUM FACILITY
COMBINED RADIUM-226/228 CONTOUR MAP
2006 CORRECTIVE ACTION PROGRAM REVIEW

Date:	FEBRUARY 2007
Project:	06-442\REP2007\
File:	2007-RAD-FIG.dwg



LEGEND

- PROPOSED WELL LOCATION (TWO WELLS WILL BE DRILLED AT EACH LOCATION)
- SHALLOW WELLS (PERCHED)
- DEEP AQUIFER WELLS
- AQUIFER WELLS
- PUMPBACK WELLS, AQUIFER
- COMPLIANCE MONITORING WELLS
- POINT OF COMPLIANCE (POC) WELLS (TAILINGS IMPOUNDMENT)
- CONTAMINATED SOIL EXCAVATION MONITOR WELLS

NOTES:

1. ALL WELLS HAVE A TMW PREFIX (TYP.)
2. CONTOURS BASED ON MOST RECENT DATA.
3. CATCHMENT BASIN MONITOR WELLS ARE NOT SHOWN ON THIS MAP BUT ARE SHOWN SEPARATELY SINCE THEY ARE NOT PART OF THE CORRECTIVE ACTION PROGRAM (CAP) AS DEFINED IN LICENSE CONDITION 11.3.

NORTH

SCALE IN FEET
0 600

TOPOGRAPHY UPDATED FEBRUARY 2006
BY ROBERT JACK SMITH & ASSOC. INC.
CONSULTING LAND SURVEYORS
P.O. BOX 1104, 1015 HARSHMAN ST.
RAWLINS, WY 82301

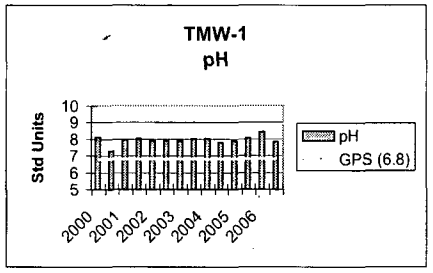
PROPOSED WELL LOCATIONS

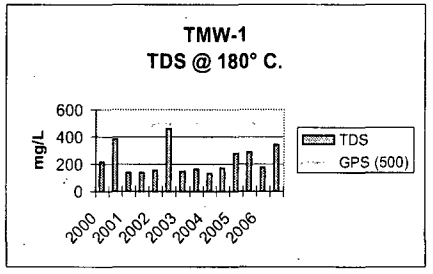
MFG, Inc.
consulting scientists and engineers

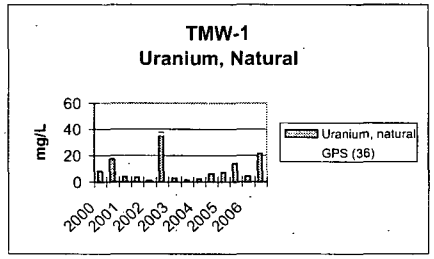
Date: FEBRUARY 2007
Project: 180889 (06-442)
File: 2007-PROP-WELLS.dwg

Tailings Monitor Well
and
Catchment Basin Monitoring Well
Data Analysis
&
Control Charts

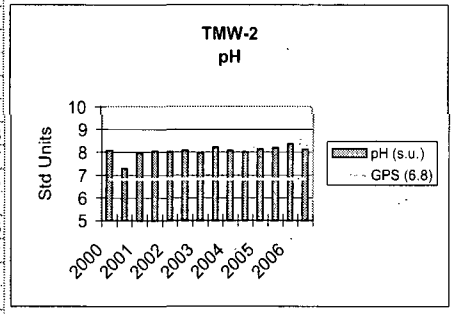
KENNECOTT URANIUM COMPANY															
TMW-1															
NORTHING: 150,107.66	Groundwater	**2000**		**2001**		**2002**		**2003**		**2004**		**2005**		**2006**	
EASTING: 324,536.42	Protection														
ND = Non-detectable	Standard	01/05/00	07/18/00	01/18/01	07/09/01	01/14/02	07/11/02	01/13/03	07/01/03	01/06/04	07/13/04	01/04/05	07/12/05	01/11/06	07/25/06
FIELD PARAMETERS:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	6	9	8		8	8	8	13	10	12	9.8	14.4
Ph (Standard units)		7.5	7.1	6.4	7.5	7.6		6.9	6.7	7.3	7.3	7.6	7.3	7.78	7.51
Conductivity (umho/cm)		280	380	260	300	240		280	240	240	200	400	280	230	500
TDS															
MAJOR IONS mg/l:															
Alkalinity (CaCO3)		91	105	83	83	82	130	85	81	81	82	99	108	90	110
Bicarbonate (HCO3)		111	128	101	102	99.4	158	103	98.2	98.2	101	120	132	107	134
Calcium (Ca)		34.6	71.6	22.7	19.2	16.7	100	17.4	16.8	17	20	46.7	60.9	22.2	72.2
Carbonate (CO3)		-0.1	-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
Chloride (Cl)		5.1	7.21	5.4	3.6	-1	-1	2.2	4.6	-1	4	2	2	2	4
Fluoride (F)		0.15	0.12	0.17	0.18	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	-0.1	0.1
Magnesium (Mg)		1.8	4	1	0.9	-1	6	-1	-1	-1	1	2.4	3.6	1.2	4.4
Nitrate (NO3-N)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		1.8	2.1	2.2	1	1.1	2.9	2.7	1.1	1	2	1.8	1.7	1	1.5
Silica (SIO2)		11.8	10.6	10.2	12.1	12.8	7.7	10.6	12.2	12	12	12	11	11	10
Sodium (Na)		38.8	39.7	34.2	38.1	36.4	32.8	36.6	35.8	36	35	39.4	36.8	36.5	34.4
Sulfate (SO4)		88.9	152	50.8	44.5	39.6	204	39.2	39	45	47	102	134	53	153
NON-METALS:															
Cyanide (CN), total		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Conductivity (umho/cm)		369	559	285	270	250	678	269	257	256	266	412	500	280	526
pH (s.u.)	GPS (6.8)	8.1	7.29	7.95	8.03	7.9	7.93	7.89	8.03	8.03	7.78	7.88	8.06	8.42	7.85
TDS @ 180 C.	GPS (500)	216	381	138	138	150	460	148	160	130	170	279	290	176	340
METALS - DISSOLVED:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.001	-0.001	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.003	0.002	-0.001	0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.0011	-0.0011	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe), Dissolved	GPS (0.6)	-0.1	0.1	-0.1	-0.1	-0.1	0.156	-0.05	-0.05	-0.05	-0.05	-0.05	0.14	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.02	0.07	0.01	0.01	0.01	0.11	0.01	0.01	-0.01	0.04	0.05	0.07	0.02	0.08
Mercury (Hg)		-0.0002	0.0004	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (Z)		-0.01	0.02	-0.01	-0.01	0.06	-0.01	-0.01	0.02	-0.01	0.02	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	7.9	17	3.7	3.32	0.745	37.0996	2.9	1.5	2.4	6.2	7	13.7	4.2	21.3
Radium 226		1.3	3.7	1	0.6	1	4.9	1.2	0.8	0.5	0.7	1.4	1.7	1	2.2
Radium Precision +/-		0.3	0.4	0.2	0.2	0.2	0.5	0.3	0.2	0.4	0.2	0.7	0.5	0.4	0.7
Radium 228		-1	5.2	2.4	-1	1.9	-1	-1	-1	-1	-1	-1	-1	-1	1.2
Radium Precision +/-			0.2	1.2		1									0.8
Combined Ra226/228	GPS (5.8)	1.3	8.9	3.4	0.6	2.9	4.9	1.2	0.8	0.5	0.7	1.4	1.7	1	3.4
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-															
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-1		-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	1.9	3	-1	-1	-1	4.6	1.5	-1	-1	1.5	1.9	4	1.3	2.1
Gross Alpha Precision +/-		1	1.4				1	1			1	1.4	1.8	0.8	0.8
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		0.9	1.08	0.78	0.81	1.03	1.05	0.91	0.99	0.87	1	1.05	0.92	0.97	0.99
(LAB: Energy Labs Inc. unless noted.)															

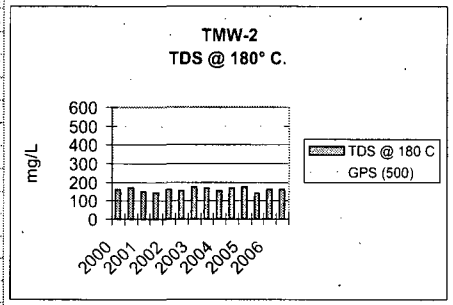




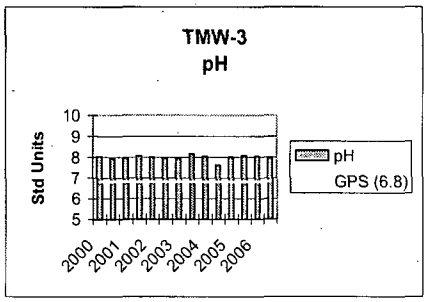


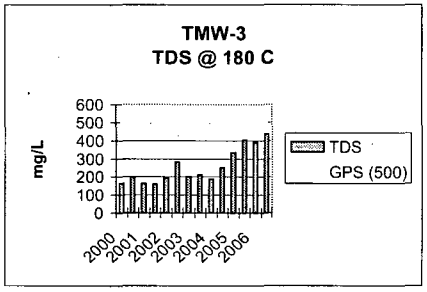
KENNECOTT URANIUM COMPANY															
TMW-2															
NORTHING: 147,133.96	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 324,360.13	Protection														
ND = Non-detectable	Standard	01/06/00	07/18/00	01/18/01	07/23/01	01/14/02	07/11/02	01/13/03	07/01/03	01/06/04	07/13/04	01/04/05	07/12/05	01/16/06	08/10/06
FIELD PARAMETERS:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8		8	8	8	13	11	13	7.5	14.2
pH (Std. Units)		7.8	7.5	7.6	7.5	7.7		6.7	6.7	7.2	7.6	7.9	8.5	7.8	7.39
Cond (umho/cm)		200	180	240	1640	1240		240	260	280	200	260	180	230	252
TDS															
MAJOR IONS mg/l:															
Alk-CaC03		84	88	85	88	87	84	88	87	89	84	84	88	88	88
Bicarbonate (HCO3)		102	107	104	107	106	102	107	106	108	103	103	107	104	107
Calcium (Ca)		21.4	20.9	22.8	23.1	21.4	18	23.3	21.7	26	22	18.7	21.3	24	26.8
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
Chloride (Cl)		4.6	5.95	2.5	3	2.6	-1	-1	5.9	1.2	4	2	2	3	6
Fluoride (F)		0.16	0.16	0.17	0.19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-0.1	0.2
Magnesium (Mg)		1	0.9	1	1.2	1	-1	1.2	1	1.3	1	0.9	0.9	1.3	1.4
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		1.4	1.3	2.1	1.2	1.3	1.5	2.8	1.5	1.5	2	1.3	1.1	1.5	2
Silica (SiO2)		12.7	13	11.4	12.2	13	11.9	11.5	12.8	13	12	13	12	13	13
Sodium (Na)		34.7	33.5	32.9	33.3	33.5	37.4	34.1	34.5	32	33	35.6	34.2	31.6	32.6
Sulfate (SO4)		43.9	41.4	42.2	41.2	41.4	38.3	41.4	42.4	46	42	39	45	44	47
NON-METALS:															
Cyanide (CN), total		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		268	269	268	278	265	254	280	272	283	265	256	277	270	293
pH (s.u.)	GPS (6.8)	8.06	7.28	7.99	8.05	8	8.07	7.99	8.22	8.07	8	8.12	8.2	8.37	8.13
TDS @ 180 C	GPS (500)	161	170	149	144	162	153	174	167	152	169	173	140	160	160
TRACE METALS mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.001	0.002	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.001	0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.01	0.01	0.01	0.02	0.01	-0.01	0.01	0.01	0.01	0.01	-0.01	-0.01	0.01	0.01
Mercury (Hg)		-0.0002	-0.0002	-0.0002	0.0003	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V205)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.02	0.11	-0.01	-0.01	0.05	-0.01	-0.01	0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	0.9	0.609	0.5	1.1	0.406	-0.0003	0.5	0.6	1	1.4	0.3	0.6	0.3	0.4
Radium 226		-0.2	0.6	1	0.9	1.1	0.6	1.2	0.8	0.9	0.8	-0.2	0.6	-0.2	0.6
Radium Precision +/-			0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2		0.3		0.3
Radium 228		1.8	-1	2.6	2.2	-1	-1	-1	-1	5.7	-1	-1	-1	-1	-1
Radium Precision +/-		0.2		1.2	1					1.2					
Combined Ra226/228	GPS (5.8)	1.8	0.6	3.6	3.1	1.1	0.6	1.2	0.8	6.6	0.8	0	0.6	0	0.6
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-															
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	-1	1.8	-1	-1	1.4	-1	1.4	-1	1.7	-1	-1	1.6	-1	1.2
Gross Alpha Precision +/-			1.3			1		1		1			1.5		0.6
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		0.94	0.99	0.89	0.85	1.04	0.95	1.03	0.96	0.94	1.01	1.07	0.82	0.94	0.88
(LAB: Energy Labs Inc. unless noted.)															



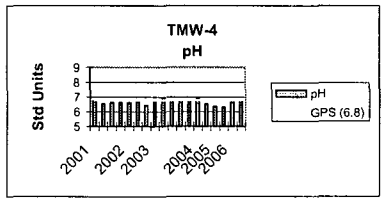


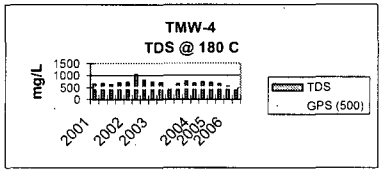
KENNECOTT URANIUM COMPANY															
TMW-3															
NORTHING: 145,984.03 EASTING: 324,361.03	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	01/06/00	07/18/00	01/18/01	07/23/01	01/14/02	07/11/02	01/13/03	07/01/03	01/06/04	07/13/04	01/04/05	07/12/05	01/12/06	08/15/06
FIELD DATA:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	15	10	15	8.5	12.3
pH (Std. Units)		7.8	7.5	7.5	7.4	7.3	6.8	7.2	6.8	7.2	7.4	7.2	7.6	7.51	7.32
Cond (umho/cm)		210	200	280	300	280	380	260	340	360	280	480	380	440	629
TDS (mg/L)															
MAJOR IONS mg/l:															
Alk-CaCO3		86	87	85	86	88	94	88	89	89	90	96	107	103	100
Bicarbonate (HCO3)		104	106	1.4	104	107	115	107	109	108	110	117	130	125	122
Calcium (Ca)		21.3	24.1	25.3	23.9	27	48.6	28.4	33	32	41	57.2	85.5	77.7	91.3
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		5.1	6.21	3.8	1.8	2.5	-1	-1	2.6	-1	6	4	4	6	6
Fluoride (F)		0.19	0.18	0.19	0.21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-0.1	0.1
Magnesium (Mg)		1.3	1.5	1.4	1.5	1.7	3.4	1.8	2.1	1.9	3	4	7	6.8	7.6
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		1.4	1.4	1.9	1.2	1.4	2	2.8	1.7	1.5	2	1.9	2	2.3	2.4
Silica (SiO2)		12.5	12.8	11.4	11.7	13	12.3	10.9	12.7	13	12	13	13	14	15
Sodium (Na)		33.3	33.1	33.7	34.3	34	39.6	35.4	35.8	34	36	38.2	41.6	38.6	42.1
Sulfate (SO4)		44.9	48.9	51.9	48	60.4	114	61.3	76.7	67	96	134	208	189	226
NON-METALS mg/l:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		270	288	286	296	304	437	404	348	332	384	481	657	593	690
pH (units)	GPS (6.8)	8.03	7.95	7.97	8.06	8	7.97	7.95	8.15	8.03	7.63	8	8.07	8.04	7.97
TDS (mg/L)	GPS (500)	162	197	163	161	193	282	202	212	188	248	333	402	390	434
METALS - DISSOLVED mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.001	0.001	-0.001	0.002	0.002	0.002	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.1	-0.1	-0.1	-0.1	-0.1	0.093	-0.05	-0.05	-0.05	0.06	0.06	0.24	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.01	0.01	0.01	0.02	0.01	0.03	0.02	0.02	0.02	0.02	0.04	0.05	0.06	0.05
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (v2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.02	0.05	-0.01	-0.01	0.01	-0.01	-0.01	0.02	-0.01	0.02	0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	0.5	0.609	0.3	0.6	2.166	-0.2	0.4	0.6	0.6	1.1	0.7	1.5	1.3	1.9
Radium 226		-0.2	0.5	0.5	0.7	0.8	1	0.8	1.1	0.7	0.9	1	2.4	1.1	2.1
Radium Precision +/-			0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.5	0.5	0.7	0.5
Radium 228		-1	-1	-1	1.4	-1	-1	-1	-1	-1	-1	1.9	-1	-1	1.5
Radium Precision +/-					1							1			0.7
Combined Ra226/228	GPS (5.8)	0	0.5	0.5	2.1	0.8	1	0.8	1.1	0.7	0.9	2.9	2.4	1.1	3.6
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-															
Lead (Pb210)	GPS (8.9)	4.4	-1	-1	-1	-1	-1	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1
Lead Precision +/-		1.7													
Gross Alpha	GPS (15)	-1	-1	-1	-1	-1	-1	1.2	-1	2.6	1.7	-1	-1	2.4	1.5
Gross Alpha Precision +/-								1		1	1			1	1
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		0.94	1.08	0.9	0.92	1.06	1.01	1.03	0.96	0.99	0.99	1.07	0.94	0.98	0.96
(LAB: Energy Labs Inc. unless noted.)															

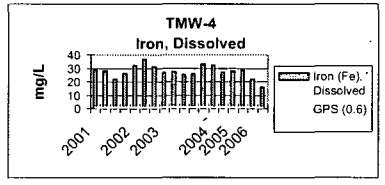


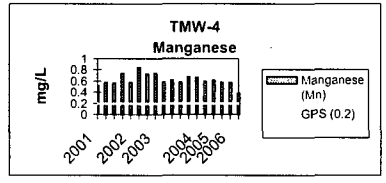


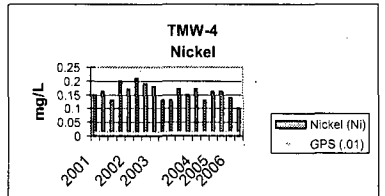
KENNECOTT URANIUM COMPANY																			
TMW-4																			
NORTHING: 147,141.81 EASTING: 323,176.55	Groundwater Protection	2001				2002			2003					2004		2005		2006	
ND = Non-detectable	Standard	1/25/01	3/22/01	5/7/01	7/23/01	1/14/02	7/16/02	10/10/02	1/1/03	3/10/03	5/13/03	7/1/03	9/17/03	1/6/04	7/19/04	1/4/05	7/12/05	1/12/06	7/25/06
FIELD PARAMETERS:	(GPS)																		
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	8	8	8	8	12	10	14	8	18.8
Ph (Standard units)		6.6	6.7	6.5	6.6	6.5	6.2	6.3	6.3	6.3	6.5	6.1	6.4	8	6.5	6.2	6.7	6.65	6.73
Conductivity (umho/cm)		820	640	840	760	780	880	840	760	760	500	640	650	800	560	880	500	590	613
TDS (mg/l)																			
MAJOR IONS mg/l:																			
Alkalinity (CaCO3)		38	38	46	24	47	24	17	30	41	22	29	42	41	31	30	28	70	54
Bicarbonate (HCO3)		46	46	55	29	56.7	28.7	20.1	36	49.4	26.8	35.4	51.2	49.4	37	36	35	85	66
Calcium (Ca)		116	117	103	108	117	173	161	108	110	100	100	120	117	103	105	106	90.6	74.9
Carbonate (CO3)		-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		3.5	8.3	5.7	5.1	5.4	8.7	13.1	3.9	4.9	6.5	5.1	8.1	1.9	7	6	4	5	4
Fluoride (F)		0.13	0.14	0.14	0.14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.2	0.3
Magnesium (Mg)		22	22.7	19.5	22	24	32.5	29.3	22.5	24.2	21.6	22.8	25.7	26	22.8	24	25.9	21.8	16
Nitrate (NO3-N)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		2.8	2.8	2.7	2.6	2.9	3.7	4.4	4.3	3.1	3.4	3	3.2	3	2.8	3.1	3	3	1.8
Silica (SIO2)		16.5	15.5	15.5	15.1	16.8	18.7	19	15.7	16.7	15.2	16.4	17.5	17	16	18	18	17	16
Sodium (Na)		43.5	45	42.6	43.4	43.8	49.2	46.5	39.6	45.4	41.3	43.1	42.6	42	41.8	43.7	44.8	41.9	42
Sulfate (SO4)		434	413	418	389	450	700	555	448	398	387	390	436	434	388	410	435	347	287
NON-METALS:																			
Cyanide (CN), totals		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:																			
Conductivity (umho/cm)		886	891	813	944	975	1220	1170	1010	922	868	845	944	968	913	864	956	789	693
pH (s.u.)	GPS (6.8)	6.73	6.53	6.62	6.63	6.6	6.71	6.43	6.69	6.85	6.81	6.77	6.82	6.86	6.53	6.34	6.32	6.73	6.71
TDS @ 180° C. mg/l	GPS (500)	655	665	619	691	716	1040	807	716	692	457	641	740	680	731	692	637	541	462
METALS-DISSOLVED mg/l:																			
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.001	0.002	0.001	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.003	0.002	0.001	0.002
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	0.11	-0.1	-0.1	0.12	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.091	0.098	0.082	0.122	0.105	0.138	0.122	0.118	0.098	0.106	0.104	0.118	0.117	0.098	0.1	0.101	0.095	0.062
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe), Dissolved	GPS (0.6)	28.4	28.1	22	25.9	32	36.9	31	26.4	27.3	25.2	25.4	33.1	32	27.2	28.1	28.3	22	15.9
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.52	0.57	0.56	0.73	0.57	0.84	0.72	0.74	0.58	0.61	0.57	0.67	0.66	0.59	0.61	0.58	0.58	0.38
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	0.15	0.16	0.13	0.2	0.17	0.21	0.19	0.18	0.13	0.13	0.17	0.15	0.17	0.13	0.16	0.16	0.14	0.1
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (Z)		0.1	0.1	0.07	0.11	0.13	0.1	0.11	0.12	0.09	0.07	0.12	0.07	0.09	0.07	0.11	0.08	0.08	0.06
RADIOMETRIC pCi/l:																			
Uranium, natural	GPS (36)	1.85	1.9	2.1	2.2	1.69	4.6036	5.7	2.6	1.9	1.6	2.6	1.7	2.5	3.5	2.9	4.5	4.9	5.5
Radium 226		1.7	1.8	1.9	2.3	1.7	4.1	3.4	3.2	1.9	1.6	3.6	1.7	2.2	1.8	1.2	3.2	1	1.2
Radium Precision +/-		0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.4	0.3	0.2	0.4	0.3	0.6	0.4	0.5	0.6	0.7	0.6
Radium 228		4.6	3.8	-1	4.9	5.5	10	11.8	-1	4.8	3.1	-1	6.5	3.7	-1	3.4	2.6	1.8	6.3
Radium Precision +/-		1.3	1.2		1	1	1.6	1.2		1.1	1.2		1.3	1.2		1	1.1	1.1	0.9
Combined Ra226/228	GPS (5.8)	6.3	5.6	1.9	7.2	7.2	14.1	12.2	3.2	6.7	4.7	3.6	8.2	5.9	1.8	4.6	5.8	2.8	7.5
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-											0.3								
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1
Lead Precision +/-																			
Gross Alpha	GPS (15)	2.4	1.6	1.6	1.3	2.4	5	2	1	3.9	1.2	-1	4.6	-1	4.6	3.1	5.6	2.3	-1
Gross Alpha Precision +/-		1	0.9	1.1	1	1	1	1	0.4	1	1		1.2		1.6	1.6	2	1	
QUALITY ASSURANCE DATA:																			
TDS A/C Balance (dec. %)		0.95	0.98	0.94	1.1	1.01	0.99	0.96	1.03	1.05	0.77	1.06	1.12	1.05	1.2	1.1	0.98	0.95	0.97
(LAB: Energy Labs Inc. unless noted.)																			

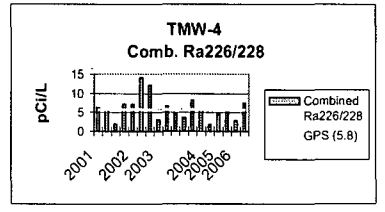




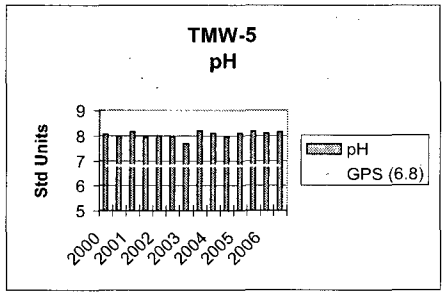


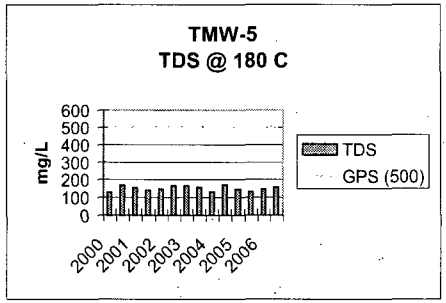




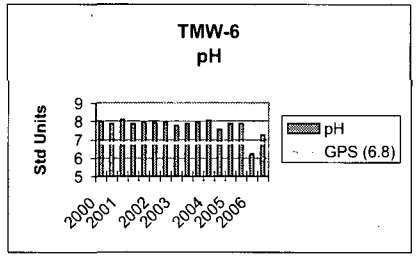


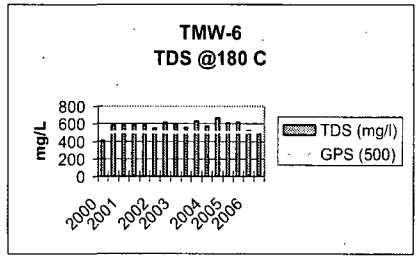
KENNECOTT URANIUM COMPANY															
TMW-5															
NORTHING: 149,053.50	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 328,102.80	Protection														
ND=Non-detectable	Standard	1/6/00	7/19/00	1/25/01	7/23/01	1/15/02	7/16/02	1/20/03	7/1/03	1/6/04	7/19/04	1/10/05	7/12/05	1/16/06	8/15/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	14	14	14	7.8	11.7
pH (Std. Units)		7.7	7.8	7.6	7.6	7.3	6.8	7.2	7.1	7.4	7.6	7.9	7.5	7.64	7.36
Cond (umho/cm)		180	180	200	220	240	220	240	240	340	180	260	160	220	236
TDS (mg/l)															
MAJOR IONS mg/l:															
Alk-CaCO3		85	87	88	89	88	87	87.5	87	88	84	90	83	92	88
Bicarbonate (HCO3)		103	106	107	108	107	106	107	106	107	103	109	101	113	107
Calcium (Ca)		19.5	20.9	21.3	20	20.4	19.8	21.3	21.9	22	21.6	23.9	20.3	23.5	24.2
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	5.2	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		3.2	5.86	1.4	-1	3	-1	5.7	7.2	3.9	3	-1	-1	2	2
Fluoride (F)		0.2	0.19	0.22	0.22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-0.1	0.1
Magnesium (Mg)		0.95	1	1	1	-1	-1	1	1.1	1	1	1.2	1	1.2	1
Nitrate-N (NO3)		-0.1	-0.1	0.14	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		1.4	1.3	1.3	1.1	1.3	1.4	2.7	1.6	1.4	1.3	1.5	1.1	1.5	1.4
Silica (SiO2)		13.1	13.8	13.4	12.5	13.7	13.4	12.9	13.4	14	13	13	13	14	15
Sodium (Na)		29.7	29.9	31.3	30.3	30.2	31.9	37.2	30.9	30	31.3	31.4	31	29.8	32.2
Sulfate ((SO4)		32.2	31.5	34.1	30.5	31.5	29.1	32.1	35.6	34	30	36	31	37	40
NON-METALS:															
Cyanide (CN), totals		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		243	249	244	251	240	237	232	258	251	263	256	247	264	283
pH (units)	GPS (6.8)	8.05	7.96	8.15	7.94	8	7.94	7.67	8.2	8.1	7.95	8.08	8.16	8.08	8.15
TDS @ 180° C. (mg/l)	GPS (500)	125	169	153	139	145	164	163	157	131	171	146	130	146	156
METALS-DISSOLVED mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.001	0.001	0.001	0.001	0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.01
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V205)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (Zn)		-0.01	0.01	0.02	-0.01	-0.01	-0.01	-0.01	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	0.4	0.489	0.309	0.4	0.2708	1.2186	1	0.4	0.5	1.5	0.5	0.5	0.4	0.3
Radium-226		0.7	1.1	1.1	0.9	0.9	0.7	0.8	1.1	0.7	1	0.8	0.6	-0.2	1.1
Radium Precision +/-		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.4	0.4		0.4
Radium 228		-1	-1	1.9	1.7	2.2	-1	-1	-1	2.2	-1	-1	-1	-1	1.5
Radium Precision +/-				1.2	1	1				1.1					0.7
Combined Ra226/228	GPS (5.8)	0.7	1.1	3	2.6	3.1	0.7	0.8	1.1	2.9	1	0.8	0.6	0	2.6
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-															
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	-1	-1	-1	-1	-1	-1	1.9	-1	-1	-1	-1	-1	-1	1.4
Gross Alpha Precision +/-								1							0.9
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		0.82	1.07	0.97	0.92	1.02	1.09	0.97	0.95	0.91	1.13	0.91	0.88	0.88	0.93

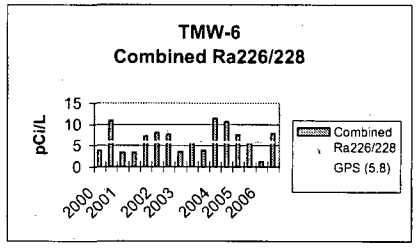




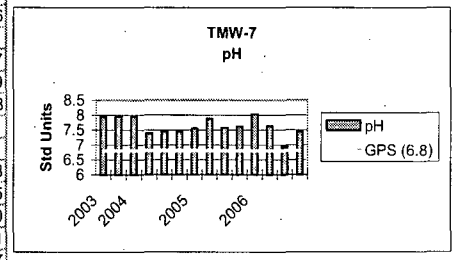
KENNECOTT URANIUM COMPANY																	
TMW-6																	
NORTHING: 145,356.25 'EASTING: 327,464.50	Groundwater Protection	2000		2001			2002		2003			2004		2005		2006	
ND = Non-detectable	Standard	01/06/00	07/19/00	01/25/01	05/07/01	07/23/01	01/14/02	07/16/02	01/20/03	03/10/03	07/01/03	01/06/04	07/19/04	01/10/05	07/13/05	01/12/06	08/15/06
FIELD PARAMETERS:	(GPS)																
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	8	8	13	11	13	8.6	14.7
Ph (Standard units)		7.3	7.1	6.8	7.3	7.3	7.2	6.8	6.9	6.8	6.8	8.4	7.7	7.3	7.2	7.41	7.31
Conductivity (umho/cm)		480	680	740	700	740	840	660	700	700	880	820	500	780	480	560	718
TDS (mg/l)																	
MAJOR IONS mg/l:																	
Alkalinity (CaCO3)		114	146	151	155	151	146	152	150	156	149	152	150	154	150	142	146
Bicarbonate (HCO3)		138	178	184	189	184	178	185	182	190	182	185	183	188	183	174	179
Calcium (Ca)		84	121	132	128	118	118	134	125	125	133	137	140	142	138	116	116
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		6.6	8.47	10.8	8.6	4.5	5.8	10.5	10.9	5	9.2	9.8	7	5	9	7	5
Fluoride (F)		0.17	0.14	0.17	0.14	0.17	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	-0.1	0.1
Magnesium (Mg)		6.5	9.5	10.7	9.9	9.8	9.5	11.2	10.4	10	11.4	11	11.5	12.1	12	10.4	9.4
Nitrate (NO3-N)		-0.1	-0.1	-0.1	0.28	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		2.6	2.9	3	3	2.7	2.8	3.2	3.7	3.7	3.4	3	3	3.4	2.5	2.9	2.8
Silica (SIO2)		12.2	13.6	13.3	13.8	12.5	13.6	13.4	12.6	12.1	13.2	14	13	13	15	14	14
Sodium (Na)		34.9	38.5	41.6	40.9	39.9	38.7	41.9	43.9	39.4	40.6	39	41.8	41.4	42	39.6	39.3
Sulfate (SO4)		185	250	299	252	248	259	298	266	266	302	294	289	300	305	256	258
NON-METALS:																	
Cyanide (CN) (mg/l)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:																	
Conductivity (umho/cm)		626	792	830	819	831	784	853	797	841	875	852	907	861	848	757	783
pH	GPS (6.8)	7.96	7.86	8.07	7.86	7.96	7.9	7.99	7.76	7.88	7.95	8.03	7.54	7.87	7.87	6.21	7.23
TDS @ 180° C. (mg/l)	GPS (500)	402	582	576	582	576	551	609	589	553	621	568	663	608	616	518	480
METALS-DISSOLVED mg/l:																	
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe), Dissolved	GPS (0.6)	0.17	-0.1	0.21	-0.1	0.21	0.237	-0.05	0.185	0.168	-0.05	0.18	0.12	-0.05	-0.05	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.07	0.08	0.08	0.09	0.1	0.07	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.07
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (Z)		-0.01	0.01	0.04	-0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01	-0.01	0.02	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:																	
Uranium, natural	GPS (36)	0.9	1.87	2.52	2.2	0.3	2.0987	3.2496	2.8	2.5	3.6	2.4	3.3	3.7	3.3	2.8	2.4
Radium 226		2.1	3.3	3.3	3.3	2.6	2.9	3.2	3.5	5.1	3.8	3.5	3.2	3.1	3.3	1.2	3.6
Radium Precision +/-		0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.7	0.5	0.7	0.7	1	0.6
Radium 228		1.8	7.5	-1	-1	4.6	5.1	4.5	-1	4.9	-1	7.9	7.4	4.4	2.2	-1	4.2
Radium Precision +/-		0.2	0.8			1	1	1.4		1.1		1.3	2.1	1	1.2		0.8
Combined Ra226/228	GPS (5.8)	3.9	10.8	3.3	3.3	7.2	8	7.7	3.5	6	3.8	11.4	10.6	7.5	5.5	1.2	7.8
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-																	
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	7.1	-1
Lead Precision +/-																3.2	
Gross Alpha	GPS (15)	-1	2.3	3.4	3.2	4.6	4.2	2.3	4.8	6.6	3.3	3.7	4.6	2.6	4.2	3	2.2
Gross Alpha Precision +/-			1.3	1.1	1.4	1	1.2	1	1	1.2	1	1.2	1.6	1.2	1.5	1.1	1
QUALITY ASSURANCE DATA:																	
TDS A/C Balance (dec. %)		1	1.09	0.95	1.05	1.09	1.05	1	1.04	0.99	1.02	0.97	1.11	1	1	0.97	0.9
(LAB: Energy Labs Inc. unless noted.)																	

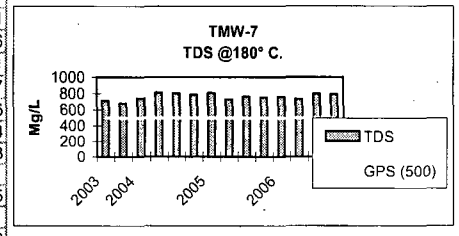


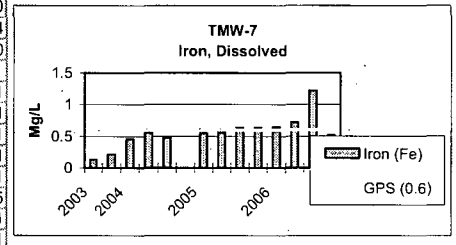


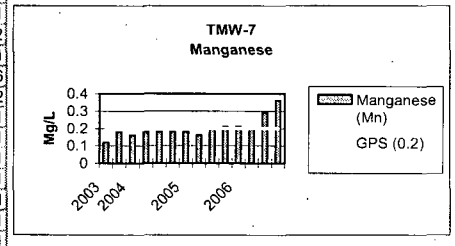


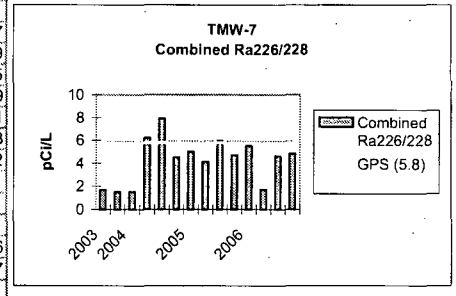
KENNECOTT URANIUM COMPANY															
TMW-7															
NORTHING: 149,339.65	Groundwater	**2003**		**2004**				**2005**				**2006**			
EASTING: 325,014.01	Protection														
ND = Non-detectable	Standard	8/26/03	10/20/03	1/5/04	4/5/04	7/12/04	10/7/04	1/5/05	4/6/05	7/11/05	11/7/05	1/11/06	4/10/06	7/3/06	10/5/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	6	11	14	11	9	11	18	9.5	9.2	11.7	14.9	12.7
pH (Std. Units)		6.8	6.5	6.7	6.8	6.6	6.7	6.6	6.6	6.6	7.06	7.08	7.19	6.91	6.9
Cond. (umho/cm)		700	780	940	800	860	680	1040	740	680	680	800	680	1021	1118
TDS															
MAJOR IONS mg/l:															
Alk-CaCO3		169	157	169	178	169	167	171	173	169	170	175	171	166	168
Bicarbonate (HCO3)		206	192	206	217	206	203	208	211	206	207	214	209	203	205
Calcium (Ca)		142	150	176	192	182	188	173	180	180	156	171	178	171	180
Carbonate (CO3)		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		17.7	13.9	55	21.4	23	23	21	23	22	22	22	24	32	27
Fluoride (F)		0.1	0.1	0.1	-0.1	-0.1	-0.1	0.1	-1	0.1	-0.1	-0.1	0.1	-0.1	-0.1
Magnesium (Mg)		10.4	10	12	12.2	12	12.4	11.6	11.8	12.6	11.8	12.6	12.8	12.9	15.6
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		5.6	3.8	4	3.9	4	3.8	3.6	3.7	3.6	3.3	3.6	3.6	3.7	3.7
Silica (SiO2)		14.9	17.8	18	18.3	18	19	18	18	18	17	17	18	18	16
Sodium (Na)		67.3	47	50	52.3	51	53.2	48.5	49.9	49.2	46.4	49.2	45.6	48.5	52.4
Sulfate (SO4)		360	342	364	404	396	395	371	366	377	340	364	369	386	383
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		1000	969	1050	1120	1050	1070	1050	1040	1100	1070	1040	1030	1110	1100
pH	GPS (6.8)	7.94	7.97	7.97	7.39	7.46	7.44	7.56	7.88	7.58	7.62	8.03	7.63	6.93	7.44
TDS @ 180° C.	GPS (500)	711	679	741	811	806	787	807	728	762	753	764	734	798	790
METALS-DISSOLVED mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.005	0.002	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.129	0.213	0.46	0.552	0.48	-0.05	0.55	0.56	0.64	0.64	0.65	0.72	1.22	0.52
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.12	0.18	0.16	0.18	0.18	0.18	0.18	0.16	0.2	0.21	0.21	0.2	0.29	0.36
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.03	-0.01	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	7.1	4.3	1.3	2	2.6	3	2.8	3.1	3.2	3.7	3.3	4.1	4.4	4.7
Radium 226		1.7	1.5	1.5	1.1	1.5	1.8	1.2	1.4	1.8	1.9	1.3	1.7	1.6	1.9
Radium Precision +/-		0.3	0.2	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5
Radium 228		-1	-1	-1	5.1	6.4	2.7	3.8	2.7	4.1	2.8	4.2	-1	3	2.9
Radium Precision +/-					1.5	1.5	1.1	1	1.3	0.9	1	1		0.8	1.1
Combined Ra226/228	GPS (5.8)	1.7	1.5	1.5	6.2	7.9	4.5	5	4.1	5.9	4.7	5.5	1.7	4.6	4.8
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-															
Lead (Pb210)	GPS (8.9)	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	1.7	2.6	3	3.4	1.9	-1	2.8	1.8	5	1.8	1.9	2	1.5	2.6
Gross Alpha Precision +/-		1	1.1	1.1	1.2	1		1.5	2.3	1.9	1	0.9	0.8	0.9	0.7
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		0.98	1.03	0.97	1.02	1.02	0.99	1.08	0.96	1	1.08	1.03	0.97	1.03	1.01
(LAB: Energy Labs Inc. unless noted.)															



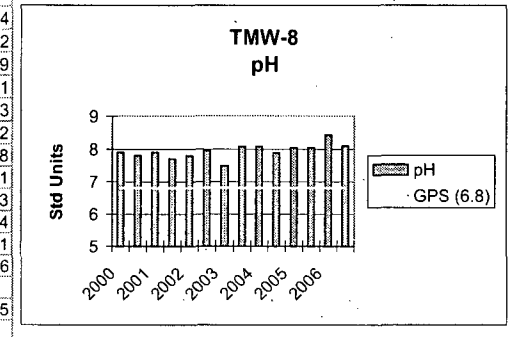


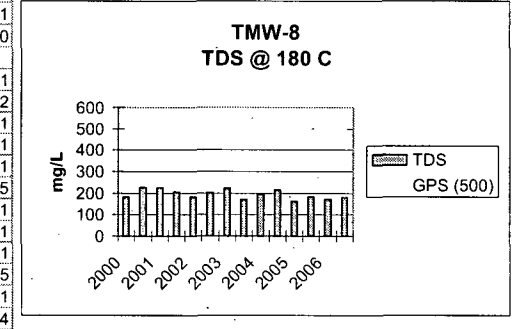


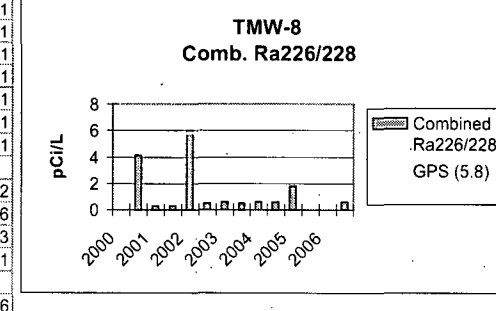




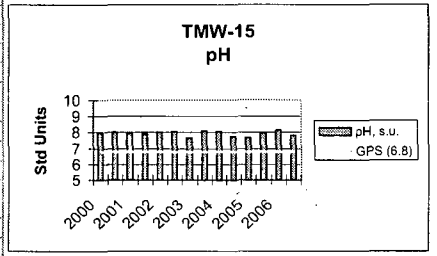
KENNECOTT URANIUM COMPANY															
TMW-8															
NORTHING: 148,912.15 EASTING: 224,564.90	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	01/05/00	07/19/00	07/25/01	10/02/01	01/14/02	07/16/02	01/20/03	07/14/03	01/13/04	07/20/04	01/10/05	07/13/05	01/17/06	08/23/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	14	13	14	7.9	13.6
pH (Std. Units)		7.3	7.2	7.3	7.3	7.2	6.6	6.9	6.7	8.8	7.2	7.1	7.5	7.81	7.7
Cond (umho/cm)		240	280	280	300	300	280	300	280	280	240	260	180	250	270
TDS															
MAJOR IONS mg/l:															
Alk-CaC03		95	83	85	86	85	85	85	85	86	84	84	83	85	84
Bicarbonate (HCO3)		116	101	103	104	103	103	103	103	104	102	103	101	101	102
Calcium (Ca)		27.6	27.6	27	27	26.9	27.7	27.2	25.9	33.7	26.7	25.3	24.2	23.6	23.9
Carbonate (CO3)		-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
Chloride (Cl)		1	7.98	10.1	4.2	4.5	-1	6	-1	14.7	3	-1	4	3	3
Fluoride (F)		0.19	0.19	0.22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-0.1	0.2
Magnesium (Mg)		0.95	1	1.4	1	-1	1	1	-1	1.2	1	1	0.9	0.9	0.8
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		1.7	1.4	2.9	1.5	1.5	1.7	2.3	1.5	6.3	1.4	1.6	0.8	1.5	1.3
Silica (SiO2)		12.2	12.7	12.6	12.4	12.7	12.4	11.7	12.3	13.8	12	12	13	13	14
Sodium (Na)		38.2	36.8	35	38.4	36.8	39.3	41.6	37.7	42.2	37.5	36.5	36.3	35.1	35.1
Sulfate (SO4)		68.1	66.7	58.8	58.3	63.6	64.1	63.3	58.8	81	56	53	52	51	56
NON-METALS mg/L:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		323	322	312	313	312	309	302	316	312	335	290	280	282	310
pH (units)	GPS (6.8)	7.9	7.8	7.9	7.7	7.8	7.97	7.5	8.07	8.08	7.88	8.03	8.04	8.43	8.1
TDS @ 180° C. (mg/L)	GPS (500)	182	225	225	205	183	203	223	170	194	213	161	182	170	180
METALS - DISSOLVED mg/L:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.002	0.002	0.002	0.0021	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.001	0.002
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.19	0.22	0.15	0.04	0.117	-0.05	0.05	0.076	-0.05	0.23	-0.05	-0.05	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.09	0.09	0.07	0.068	0.06	0.01	0.04	0.02	-0.01	0.19	-0.01	-0.01	0.04	0.04
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V205)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.04	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	1.1	0.625	0.9	0.61607	0.6093	0.7447	0.07	2.1	3.3	1	0.6	0.5	0.3	-0.2
Radium 226		-0.2	0.7	0.3	0.3	0.6	0.5	0.6	0.5	0.6	0.6	-0.2	-0.2	-0.2	0.6
Radium Precision +/-			0.2	0.2	0.2	0.3	0.3	0.2	0.3	0.4	0.3				0.3
Radium 228		-1	3.4	-1	-1	5.4	-1	-1	-1	-1	-1	1.8	-1	-1	-1
Radium Precision +/-			0.2			1.7						1			
Combined Ra226/228	GPS (5.8)	0	4.1	0.3	0.3	6	0.5	0.6	0.5	0.6	0.6	1.8	0	0	0.6
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-															
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-1	-1	-1	-2.7	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	-1	-1	-1	-1	-1	-1	1.2	-1	-1	1.1	-1	-1	1.1	-1
Gross Alpha Precision +/-								1			1.1			1	
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		0.87	1.09	1.12	1.11	0.98	1.02	1.08	0.89	0.84	1.13	0.88	1.01	0.95	0.95
(LAB: Energy Labs Inc. unless noted.)															

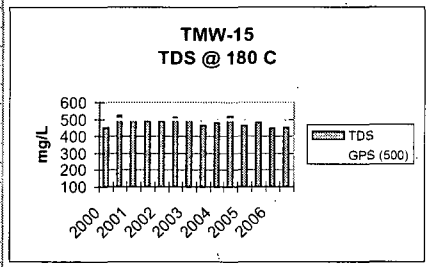


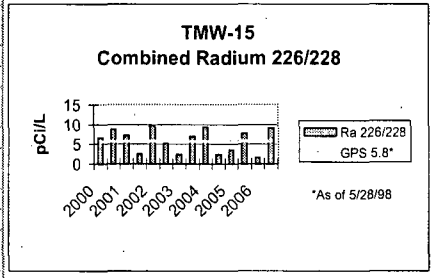




KENNECOTT URANIUM COMPANY															
TMW-15															
NORTHING: 147,910.39 EASTING: 325,006.29	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
0 = ND or 0	Standard	01/05/00	07/19/00	07/25/01	10/02/01	01/15/02	07/29/02	01/20/03	07/14/03	01/12/04	07/19/04	01/11/05	07/14/05	01/16/06	07/25/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	13	14	11	9.6	12.7
pH (Std. Units)		7.3	7.3	7.4	7.4	7.2	6.8	7.2	6.9	8.8	7.3	7.1	7.3	7.48	7.65
Cond. (umho/cm)		500	600	600	640	600	600	600	540	580	480	600	400	560	647
TDS															
MAJOR IONS mg/l:															
Alkalinity (CaCO3)		112	126	128	129	128	127	126	125	123	121	121	123	128	122
Bicarbonate (HCO3)		136	154	155	157	156	154	154	152	149	148	148	150	156	148
Calcium (Ca)		102	105	100	103	104	98	98.6	100	104	108	106	105	98.8	102
Carbonate (CO3)		-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		8.8	10.7	58.5	9.6	8	7.8	8	2.1	7.1	9	12	9	8	8
Fluoride (F)		0.16	0.15	0.19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-0.1	0.2
Magnesium (Mg)		8.2	8.4	8.5	8.6	8.3	8.1	8	8	8.6	8.6	8.5	8.6	8.3	8.3
Nitrate (NO3-N)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		3.3	2.8	3.2	2.8	2.8	2.6	3.6	3.8	3	3.2	3.4	2.3	3	2.2
Silica (SiO2)		13.7	14.6	14	14.2	14.7	13	13	14	15	15	14	16	15	15
Sodium (Na)		36.6	35.7	44.8	37.3	36.2	35.7	38.4	36.6	37.7	38.2	36	36.3	35	36.5
Sulfate (SO4)		224	223	207	211	233	219	209	220	221	216	222	227	217	230
NON-METALS:															
Cyanide (CN) mg/L		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Conductivity (umho/cm)		715	714	711	705	713	692	678	715	711	733	689	684	679	696
pH, s.u.	GPS (6.8)	7.96	8	7.92	7.9	8	8.07	7.67	8.11	8.07	7.72	7.67	7.96	8.14	7.83
Solids, TDS @ 180°C	GPS (500)	450	521	504	490	488	510	502	463	480	519	460	478	444	450
METALS DISSOLVED mg/L:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.12	0.14	0.12	-0.1	0.109	0.096	0.105	0.108	0.087	0.11	-0.05	0.09	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.08	0.08	0.07	0.076	0.07	0.07	0.07	0.08	0.08	0.08	0.07	0.07	0.07	0.08
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.03	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (Z)		0.03	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	2	1.57	1.8	1.4217	1.4894	1.8	1.6	2.2	2.5	1.7	1.5	1.5	1.5	2
Radium 226		1.4	2.3	1.5	2.5	2.3	1.4	2.4	1.5	2.8	2.3	1.6	2.9	1.6	1.6
Radium Precision +/-		0.2	0.3	0.2	0.3	0.2	0.2	0.3	0.2	0.7	0.6	0.5	0.7	0.8	0.6
Radium 228		5.1	6.5	5.8	-1	7.5	3.9	-1	5.4	6.4	-1	2	4.9	-1	7.5
Radium Precision +/-		0.2	0.2	1		1	1		1.7	1		1	1.3		0.9
Combined Ra226/228	GPS (5.8)	6.5	8.8	7.3	2.5	9.8	5.3	2.4	6.9	9.2	2.3	3.6	7.8	1.6	9.1
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-															
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha minus Rn &	GPS (15)	-1	-1	2	2.8	2.7	2.7	4.8	2.8	3.4	2.9	1.4	2.5	2.2	1.5
Gross Alpha Precision +/-				1	1	1	1	1	1	1.3	1.4	1	1.2	1	0.7
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		0.97	1.09	0.98	1.08	1.03	1.03	1.1	1	1.05	1.1	0.97	1	0.96	0.95
(LAB: Energy Labs Inc. unless noted.)															

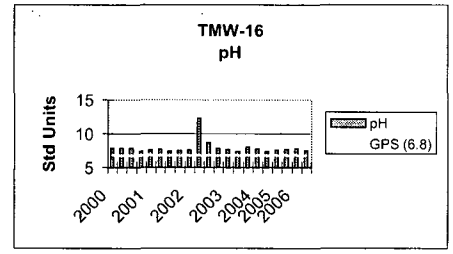


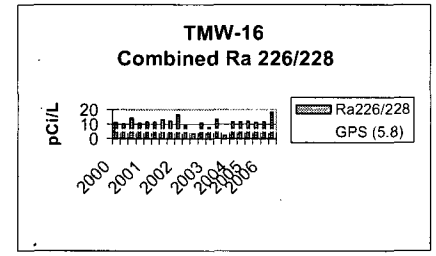


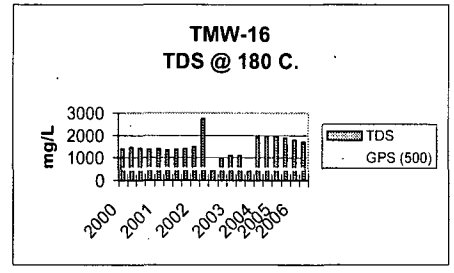


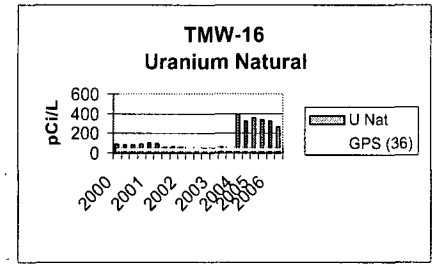
KENNECOTT URANIUM COMPANY																	
TMW-16																	
NORTHING: 149,397.99	Groundwater	2000				2001				2002				2003			2004
EASTING: 325,023.08	Protection																
0 = Non Detectable or 0	Standard	01/04/00	04/04/00	07/12/00	10/03/00	01/10/01	04/03/01	07/02/01	10/02/01	01/08/02	04/08/02	07/31/02	10/03/02	01/07/03	04/07/03	07/14/03	01/12/04
FIELD DATA mg/l:	(GPS)																
Temperature (C)	as of 5/26/05	6	8	8	8	6	8	10	8	8	8	8	8	8	8	8	8
pH (Std. Units)		6.6	6.7	6.5	6.6	6.6	6.7	6.7	6.6	6.7	6.7	8.3	6.8	6.6	6.8	6.5	7.5
Cond. (umho/cm)		1260	1140	1020	1380	1500	1400	1500	1380	1560	1480	580	1080	1080	1140	640	1340
TDS																	
MAJOR IONS mg/l:																	
Alk-CaCO3		244	225	219	199	202	192	230	202	233	1670	93	178	196	181	117	182
Bicarbonate (HCO3)		297	273	267	242	246	234	280	246	284	7.1	108	217	239	221	143	222
Calcium (Ca)		279	313	281	277	303	283	279	290	334	49.3	46.3	195	226	221	115	374
Carbonate (CO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-1	-1	-1	-1	635	2.7	-1	-1	-1	-1	-1
Chloride (Cl)		52.4	63.4	56.2	41.4	55.8	55.1	59.6	63	70.3	171	14.3	41.7	49.6	47.9	13	98.8
Fluoride (F)		-0.1	-0.1	-0.1	-0.1	0.11	0.1	-0.1	0.1	0.1	0.3	0.2	0.1	0.1	0.1	0.1	-0.1
Magnesium (Mg)		27	33.9	27.5	27.4	29.9	28.2	27.2	29	34.8	-1	4.6	16.8	21.4	22.4	8	41.3
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		5.4	5.7	4.6	5.5	5.7	4.6	5.7	4	5	4.9	2.3	3.7	4.3	4.8	4	5.8
Silica (SiO2)		14.1	17.1	15.5	13.3	14.1	15.4	15.7	16	16.3	28.2	12.1	20	14.4	13.5	19	10.3
Sodium (Na)		66.3	75.6	65.5	68.1	69.4	67.6	72	67	71.8	985	79.5	73.6	60.6	59.3	42	83.6
Sulfate (SO4)		681	786	601	585	744	649	621	630	804	550	196	478	512	531	262	932
NON-METALS:																	
Cyanide (CN) mg/L		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	0.006	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:																	
Cond (umho/cm)		1820	1850	1770	1720	1760	1680	1760	1760	1840	8780	648	1370	1470	1450	818	2330
pH (units)	GPS (6.8)	7.79	7.81	7.85	7.36	7.56	7.64	7.38	7.4	7.5	12.2	8.65	7.78	7.64	7.34	7.99	7.7
Solids, TDS @ 180°C	GPS (500)	1410	1470	1430	1360	1390	1340	1370	1390	1480	2720	443	970	1110	1100	539	1910
METALS-Dissolved mg/l:																	
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	1.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	0.0011	-0.001	0.015	0.003	0.002	0.001	-0.001	0.002	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	0.11	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.0024	0.002	-0.001	-0.001	0.002	0.001	0.002	0.001	0.004
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.64	0.45	0.28	0.66	0.81	0.7	0.47	3.7	1.95	-0.05	0.068	-0.05	0.528	0.135	0.514	0.434
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.53	0.54	0.46	0.42	0.54	0.47	0.54	0.64	0.63	-0.01	-0.01	0.23	0.52	0.42	0.11	0.59
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	0.0046	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01	0.014	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	0.005	0.005	0.005	-0.001	0.0019	-0.001	0.002	0.008	0.002	0.001	-0.001	-0.001	0.003
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.01	0.02	0.03	0.02	0.01	0.02	0.06	0.045	0.05	0.03	-0.01	0.01	0.02	-0.01	0.02	0.01
RADIOMETRIC pCi/l:																	
Uranium, natural	GPS (36)	86.7	79.9	83.4	89.4	98.2	94.8	60.2	67.7	60.1176	6.8377	28.5	49.8	46.7	58.7	10.7	383
Radium 226		2.7	3.2	6.4	4	3.6	4.6	4.1	6.5	3.4	3	0.8	5.2	4.1	2.6	2.1	5.8
Radium Precision +/-		0.3	0.3	0.4	0.2	0.3	0.4	0.2	0.5	0.3	0.3	0.2	0.4	0.5	0.3	0.2	0.8
Radium 228		7.8	6.9	7.7	6.5	7.6	6.8	9	5.7	13	5.6	2.5	5.5	3.7	10.3	-1	5.5
Radium Precision +/-		0.2	0.6	0.6	0.4	1.4	1.2	2	1.1	1	1	1	1.2	1	1.8		1
Combined Ra226/228	GPS (5.8)	10.7	10.1	14.1	10.5	11.2	11.4	13.1	12.2	16.4	8.6	3.3	10.7	7.8	12.9	2.1	11.3
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-																	
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
Lead Precision +/-																	
Gross Alpha minus Rn & U	GPS (15)	3.6	7.2	4.4	7.1	6.9	3.1	3.4	7.2	7.3	3.2	2.1	6.7	7.5	10.1	3.4	7.4
Gross Alpha Precision +/-		1.1	0.9	1.4	1.1	1.1	1	1	1.4	1	1	1	1	1.4	2	1.1	1.7
QUALITY ASSURANCE DATA:																	
TDS A/C Balance (dec. %)		1.11	1.03	1.21	1.19	1.03	1.1	1.12	1.14	1.01	0.97	1.07	1.03	1.1	1.09	1	1.16
(LAB: Energy Labs Inc. unless noted.)																	TMW-16

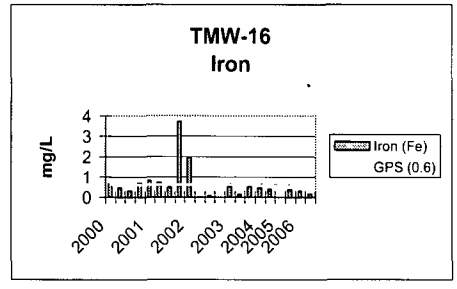
KENNECOTT URANIUM COMPANY						
TMW-16						
NORTHING: 149,397.99	Groundwater		2005		2006	
EASTING: 325,023.08	Protection					
0 = Non Detectable or 0	Standard	07/20/04	01/11/05	07/14/05	01/17/06	08/22/06
FIELD DATA mg/l:	(GPS)					
Temperature (C)	as of 5/26/05	13	12	13	9.8	13.3
pH (Std. Units)		6.7	6.8	7.1	7.13	7.06
Cond. (umho/cm)		1120	1820	960	1400	1900
TDS						
MAJOR IONS mg/l:						
Alk-CaCO3		178	193	177	192	186
Bicarbonate (HCO3)		218	236	216	235	227
Calcium (Ca)		370	422	382	377	356
Carbonate (CO3)		-1	-1	-1	-1	-1
Chloride (Cl)		217	117	102	96	99
Fluoride (F)		0.1	0.1	-0.1	-0.1	0.1
Magnesium (Mg)		44	49.6	47.2	44.7	43.8
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		5.5	6.6	5.2	5.8	5.7
Silica (SiO2)		11	11	11	11	12
Sodium (Na)		108	94.6	94.7	86.9	86
Sulfate (SO4)		935	1040	1030	934	1010
NON-METALS:						
Cyanide (CN) mg/L		-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:						
Cond (umho/cm)		2140	2320	2210	2160	2220
pH (units)	GPS (6.8)	7.33	7.54	7.61	7.73	7.46
Solids, TDS @ 180°C	GPS (500)	1970	1970	1880	1790	1700
METALS-Dissolved mg/l:						
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.001	0.001	0.002	0.001	0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.002	0.002	0.002	0.002	0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.39	-0.05	0.34	0.29	0.17
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.3	0.34	0.28	0.27	0.28
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.08	-0.08	-0.08	-0.08	-0.08
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	0.003	0.004	0.002	0.002	0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:						
Uranium, natural	GPS (36)	322	354	334	324	261
Radium 226		5.6	4.6	4.5	4.3	4.9
Radium Precision +/-		0.7	0.8	0.8	1.2	0.7
Radium 228		5.7	7.2	6.4	7	13.3
Radium Precision +/-		1.3	1.1	1.4	1.2	1.4
Combined Ra226/228	GPS (5.8)	11.3	11.8	10.9	11.3	18.2
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-						
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1
Lead Precision +/-						
Gross Alpha minus Rn & U	GPS (15)	9.4	5.6	5.8	4	9.1
Gross Alpha Precision +/-		1.1	1.5	1.7	1.4	1.9
QUALITY ASSURANCE DATA:						
TDS A/C Balance (dec. %)		1.09	1.06	1.06	1.07	0.98
(LAB: Energy Labs Inc. unless noted.)						

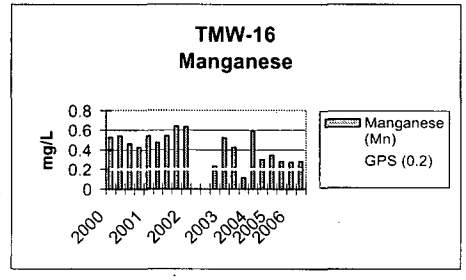


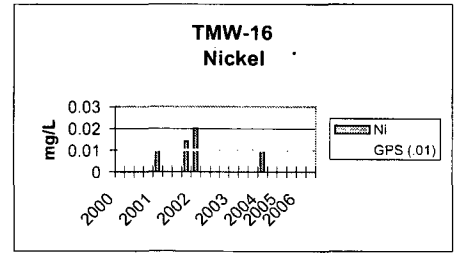






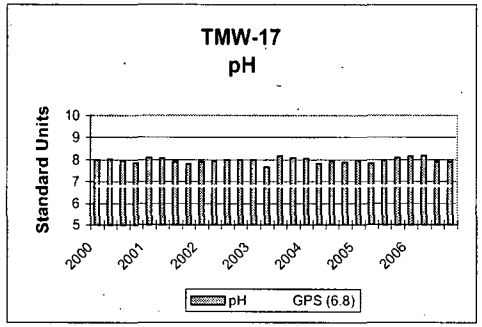


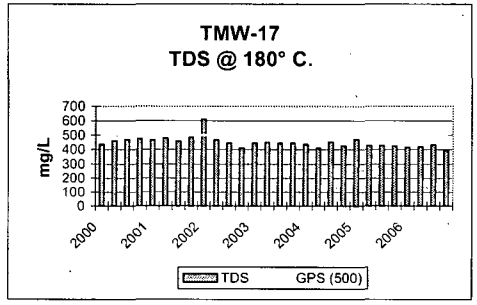


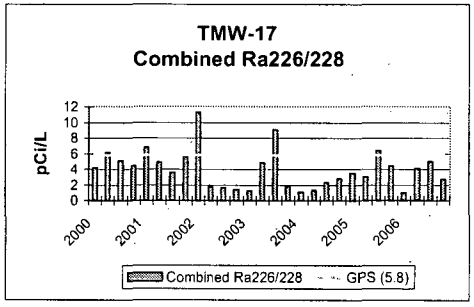


KENNECOTT URANIUM COMPANY																		
TMW-17																		
NORTHING: 149,602.14	Groundwater	2000				2001				2002				2003				2004
EASTING: 325,994.00	Protection																	
ND = Non-detectable	Standard	01/04/00	04/04/00	07/12/00	10/03/00	01/10/01	04/03/01	07/02/01	10/02/01	01/08/02	04/08/02	07/10/02	10/03/02	01/07/03	04/07/03	07/09/03	10/16/03	01/05/04
FIELD PARAMETERS:	(GPS)																	
Temperature (C)	as of 5/26/05	8	8	8	8	6	8	10	8	8	8	14	8	8	8	8	8	6
Ph (Standard units)		7.1	7.3	6.8	6.9	6.7	7.4	7.3	7.1	7.1	7.3	7.1	6.9	6.8	7.1	6.9	6.8	6.8
Conductivity (umho/cm)		520	460	460	660	680	640	700	660	860	640	600	620	580	640	580	580	640
TDS																		
MAJOR IONS mg/l:																		
Alkalinity (CaCO3)		113	118	119	118	118	115	120	119	128	118	117	116	117	114	114	118	113
Bicarbonate (HCO3)		138	143	145	143	143	140	146	145	156	143	143	141	143	138	139	143	138
Calcium (Ca)		96.1	108	93.6	99.3	105	100	92.6	95	148	102	97	89	72.8	89.5	90.6	91.1	104
Carbonate (CO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		11.7	17.2	11.7	8.41	6.5	13.2	21.5	12	23.5	14.7	6.8	12.4	16.1	9.2	10.7	4	26
Fluoride (F)		0.12	0.15	0.14	0.14	0.15	0.14	0.14	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.2
Magnesium (Mg)		6.4	6.9	6.1	6.53	6.6	6.5	6.2	6	11.4	6.1	6.4	5.8	4.6	5.8	5.8	5.9	6.8
Nitrate (NO3-N)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		3	3.5	3.1	3.74	3.7	3.1	3.7	2.4	3.6	3.2	3	2.8	3.8	3.7	3.6	2.8	3.5
Silica (SIO2)		14.9	15.7	14.2	13	14	15.1	14.5	14	14.6	14.9	14.8	17.8	10.8	13.3	12.7	15.7	16
Sodium (Na)		38.7	39.7	35.1	39.3	38.6	37.5	40.1	36	43.5	37	39.4	36.1	33.1	37.7	38.4	36.7	38
Sulfate (SO4)		227	219	183	190	236	216	194	190	334	221	209	193	157	200	196	211	215
NON-METALS:																		
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:																		
Conductivity (umho/cm)		686	693	703	706	697	693	695	683	877	663	664	638	655	636	670	666	665
pH	GPS (6.8)	7.98	8.03	7.96	7.83	8.09	8.04	7.89	7.8	7.9	7.94	7.99	7.99	7.99	7.65	8.17	8.09	8.06
TDS @ 180° C.	GPS (500)	437	463	469	475	466	478	457	485	608	467	444	412	447	449	447	445	435
METALS-DISSOLVED mg/l:																		
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe), Dissolved	GPS (0.6)	-0.1	0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.152	0.057	0.07	-0.05	0.066	0.085	0.084	0.12	0.13
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.05	0.06	0.05	0.0346	0.04	0.03	0.04	0.055	0.1	0.06	0.05	0.06	0.05	0.04	0.05	0.05	0.05
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (Z)		-0.01	-0.01	0.04	0.01	-0.01	0.03	0.03	0.079	0.02	-0.01	0.04	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:																		
Uranium, natural	GPS (36)	6.6	5.5	5.62	5.1	5.01	5.2	5.9	5.9576	21.4609	5.9576	14.7586	5.7	5.7	5.4	4.4	5.1	4.9
Radium 226		1.2	1.4	1.9	1.9	1.2	1.4	0.8	1.7	1.1	1.7	1.6	1.4	1.2	1.2	1	1.8	1.1
Radium Precision +/-		0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.2	0.4	0.3	0.2	0.3	0.3	0.2	0.3	0.4
Radium 228		3	4.7	3.2	2.5	5.6	3.5	2.8	3.9	10.2	-1	-1	-1	-1	3.6	8.1	-1	-1
Radium Precision +/-		0.2	0.2	0.1	0.1	1.3	1	1.9	1.1	1					1.7	1.9		
Combined Ra226/228	GPS (5.8)	4.2	6.1	5.1	4.4	6.8	4.9	3.6	5.6	11.3	1.7	1.6	1.4	1.2	4.8	9.1	1.8	1.1
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-																		
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
Lead Precision +/-																		
Gross Alpha	GPS (15)	-1	2	2.4	-1	-1	1.2	1.8	3	1.6	2.1	2	-1	3.2	2.3	-1	-1	3.2
Gross Alpha Precision +/-			0.5	1.1			1	1	1	1	1	1		1	1.1			1.1
QUALITY ASSURANCE DATA:																		
TDS A/C Balance (dec. %)		0.93	0.96	1.12	1.1	0.96	1.03	1.02	1.16	0.94	0.99	0.99	0.96	1.21	1.04	1.04	1.05	0.94
(LAB: Energy Labs Inc. unless noted.)																		

KENNECOTT URANIUM COMPANY												
TMW-17												
NORTHING: 149,602.14	Groundwater				2005				2006			
EASTING: 325,994.00	Protection											
ND = Non-detectable	Standard	04/05/04	07/12/04	10/07/04	01/05/05	04/06/05	07/11/05	11/07/05	01/16/06	04/10/06	07/03/06	10/05/06
FIELD PARAMETERS:	(GPS)											
Temperature (C)	as of 5/26/05	11	14	14	8	10	14	8.9	8	10.3	13.2	12.7
Ph (Standard units)		7.3	7.4	7.9	6.5	7.1	7.3	7.75	7.51	7.91	7.55	7.7
Conductivity (umho/cm)		560	560	420	620	500	400	440	510	440	612	593
TDS												
MAJOR IONS mg/l:												
Alkalinity (CaCO3)		115	114	111	115	117	114	110	112	116	110	120
Bicarbonate (HCO3)		141	138	136	141	142	139	134	137	142	134	146
Calcium (Ca)		95.6	93	98	90.9	96.9	93.7	82.9	88.4	92.9	87.6	90.5
Carbonate (CO3)		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		9.9	11	9	8	9	7	10	9	9	14	8
Fluoride (F)		0.1	0.2	0.2	0.2	0.1	0.2	0.1	-0.1	0.1	0.1	0.2
Magnesium (Mg)		6	6	6.2	5.8	6	6	5.6	5.8	5.9	5.2	5.8
Nitrate (NO3-N)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		4.1	3	3	2.8	2.9	2.8	2.6	3	2.9	2.8	2.9
Silica (SIO2)		14.5	15	16	15	15	15	15	16	16	17	15
Sodium (Na)		37.5	39	40.7	37.4	38.9	38	34.9	36.2	34.8	36	38.4
Sulfate (SO4)		203	203	208	198	202	199	183	192	194	197	190
NON-METALS:												
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:												
Conductivity (umho/cm)		651	630	620	641	645	657	639	627	617	626	616
pH	GPS (6.8)	7.82	7.92	7.86	7.96	7.82	7.95	8.08	8.15	8.16	7.9	7.9
TDS @ 180° C.	GPS (500)	409	452	427	469	426	428	422	414	418	430	394
METALS-DISSOLVED mg/l:												
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe), Dissolved	GPS (0.6)	0.111	0.14	-0.05	0.11	0.1	0.1	-0.05	-0.05	-0.05	-0.05	0.08
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (Z)		0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01
RADIOMETRIC pCi/l:												
Uranium, natural	GPS (36)	4.6	4.8	4.3	4.6	4.4	4.5	4.7	5	5.3	4.8	4.6
Radium 226		1.3	2.3	0.9	1.3	0.9	1.7	1.7	1	1.2	0.8	1.1
Radium Precision +/-		0.4	0.5	0.4	0.7	0.4	0.5	0.5	0.7	0.4	0.3	0.4
Radium 228		-1	-1	1.9	2.2	2.1	4.7	2.7	-1	2.9	4.2	1.6
Radium Precision +/-				1	1.6	1.3	0.9	1		0.9	0.8	1
Combined Ra226/228	GPS (5.8)	1.3	2.3	2.8	3.5	3	6.4	4.4	1	4.1	5	2.7
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-												
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Lead Precision +/-												
Gross Alpha	GPS (15)	2.4	1.1	1.3	1.6	1.4	3.3	2.5	1.3	1.9	2.3	1.7
Gross Alpha Precision +/-		1.1	1	1	1.3	2.3	1.7	1.1	0.9	0.8	1	0.6
QUALITY ASSURANCE DATA:												
TDS A/C Balance (dec. %)		0.96	1.03	0.95	1.1	0.97	0.99	1.06	0.99	0.98	1.01	0.93
(LAB: Energy Labs Inc. unless noted.)												

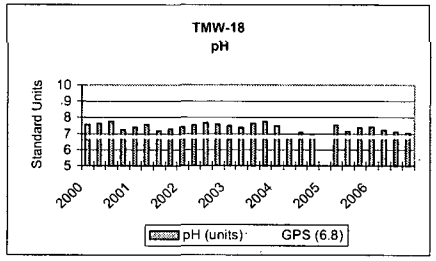


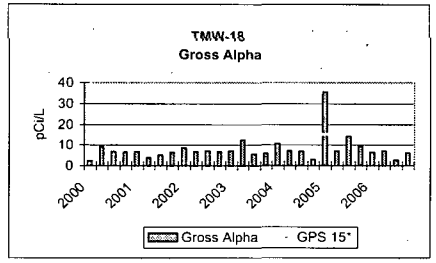


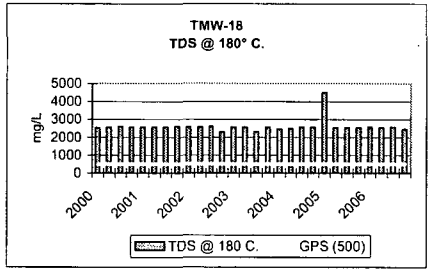


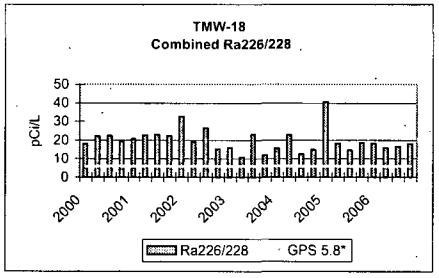
KENNECOTT URANIUM COMPANY																				
TMW-18																				
NORTHING: 148,922.42 EASTING: 225,018.57	Groundwater Protection	2000				2001				2002				2003				2004		
ND = Non-detectable	Standard	01/04/00	04/04/00	07/12/00	10/03/00	01/10/01	04/03/01	07/02/01	10/02/01	01/08/02	04/08/02	07/10/02	10/03/02	01/07/03	04/07/03	07/09/03	10/16/03	01/05/04	04/05/04	07/12/04
FIELD DATA mg/l:	(GPS)																			
Temperature (C)	as of 5/26/05	8	8	8	8	6	8	10	8	8	8	8	8	8	8	8	10	6	10	15
pH (Std. Units)		6.4	6.5	6.4	6.2	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.5	6.3	6.4	6.8	6.5	6.3
Cond. (umho/cm)		1960	1580	1420	2800	2200	2400	2400	2000	2600	1840	1860	1700	1800	1760	1400	1360	1680	1420	2500
TDS																				
MAJOR IONS mg/l:																				
Alk-CaCO3		484	493	490	491	487	470	484	483	473	477	475	470	472	459	450	463	485	464	457
Bicarbonate (HCO3)		590	602	598	599	594	573	590	589	576	582	580	573	575	559	548	565	591	566	558
Calcium (Ca)		695	618	551	640	643	716	718	610	625	669	622	620	656	524	498	617	693	651	639
Carbonate (CO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		72.8	100	78.2	63.8	90.8	81	85.1	82	113	97.2	69.8	78.1	71.5	75.5	68.6	81.2	114	88.2	863
Fluoride (F)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Magnesium (Mg)		33.3	45.7	37.5	39	36.9	38.4	38.6	38	44.1	39.4	41.4	39.8	24.1	39.2	37	42.6	56	45.1	46
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		7.1	7.9	6.7	7.46	7.7	7.2	7.8	6.5	7.8	7.4	6.9	6.1	6.4	7.1	7.6	6.8	7.7	8.3	7
Silica (SiO2)		18.9	25.2	21.3	18.9	19.6	21.8	22.1	21	23	22	22	27.4	13.2	19.4	17.3	22.8	26	22.4	23
Sodium (Na)		81	98.5	84.1	91.5	83.5	85.4	89.9	80	89.5	87.4	95.3	91	62.6	90	87.7	87.1	96	97.3	104
Sulfate (SO4)		1360	1290	993	1480	1190	1380	1390	1100	1340	1230	1220	1140	1300	1160	1080	1220	1350	1240	1260
NON-METALS:																				
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	0.007	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:																				
Cond (umho/cm)		2950	2970	2940	2960	2930	2920	2900	2930	2900	2860	2890	3110	2880	2980	2950	2930	2980	2920	2800
pH (units)	GPS (6.8)	7.57	7.62	7.76	7.21	7.4	7.56	7.19	7.3	7.4	7.53	7.68	7.54	7.5	7.35	7.63	7.76	7.48	6.84	7.08
TDS @ 180 C.	GPS (500)	2530	2570	2590	2570	2550	2550	2540	2590	2550	2570	2580	2270	2550	2550	2300	2540	2440	2490	2570
METALS-DISSOLVED mg/l:																				
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.03	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.002	0.001	0.002	-0.001	0.001	0.001	0.002	-0.001	0.003	0.001	0.005	-0.001	-0.001	0.003	0.001	-0.001	0.001	0.001	0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	3.3	4.7	3.89	3.73	4.19	4.21	4.23	4.3	0.256	4.8	4.69	4.19	2.98	4.58	4.64	5.84	7.3	6.15	6.04
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.91	0.9	0.78	0.96	0.91	0.85	0.98	1	0.98	0.96	0.93	0.98	1.19	0.85	1.05	1.04	1.04	1.14	1.14
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	0.0003	-0.0004	-0.0004	-0.0004	-0.0004
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	0.02	-0.01	-0.01	0.011	0.04	0.02	0.06	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	0.003	0.003	0.004	-0.001	0.002	-0.001	0.002	0.001	0.004	0.002	-0.001	-0.002	-0.002	-0.002	0.002	-0.006
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.02	0.01	0.01	0.01	-0.01	0.02	0.02	0.054	0.04	0.02	0.03	0.04	0.01	0.02	-0.01	-0.01	-0.01	-0.01	0.02
RADIOMETRIC pCi/l:																				
Uranium, natural	GPS (36)	1.3	1.8	1.21	1.2	1.08	0.9	1.3	1.0832	1.5571	0.9478	0.5416	1.2	1.1	0.9	-0.2	0.9	1	0.9	1
Radium 226		3.5	3.4	6.3	4.8	3.5	5.2	4.5	7.6	3.5	3.9	6	3.1	4.1	3.9	3.3	1.3	3	2.5	3.2
Radium Precision +/-		0.3	0.3	0.4	0.3	0.3	0.4	0.2	0.6	0.3	0.5	0.5	0.3	0.5	0.4	0.3	0.2	0.5	0.5	0.5
Radium 228		14.4	18.5	15.8	14.4	16.9	17.4	18.3	14.7	29.4	15	20.3	12	11.5	6.6	19.5	10.2	12.3	20.1	9.2
Radium Precision +/-		1.4	1.5	1.4	1	1.7	1.5	2.2	1.3	2.3	2.2	2.9	1.4	1	1.7	2.2	1.4	1.4	1.9	1.7
Combined Ra226/228	GPS (5.8)	17.9	21.9	22.1	19.2	20.4	22.6	22.8	22.3	32.9	18.9	26.3	15.1	15.6	10.5	22.8	11.5	15.3	22.6	12.4
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-																				
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1
Lead Precision +/-																				
Gross Alpha	GPS (15)	2.3	9.3	6.9	6.6	6.9	3.8	5	6.5	8.5	6.8	7.1	6.7	7.2	12.4	5.7	5.8	10.6	7	6.9
Gross Alpha Precision +/-		1	1	1	1.1	1.1	1.2	1.2	1.4	1	1	1.1	1	1.3	2.2	1.2	1.5	1.8	1.5	1.6
QUALITY ASSURANCE DATA:																				
TDS A/C Balance (dec. %)		0.99	1.03	1.25	0.97	1.07	0.97	0.96	1.14	1.01	1.04	1.08	0.98	1.04	1.16	1.11	1.09	0.93	1.03	1.05

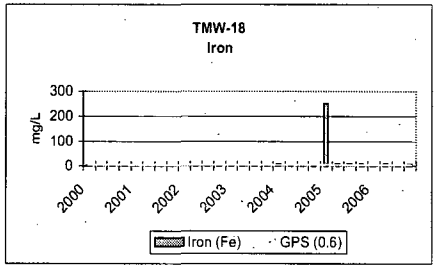
KENNECOTT URANIUM COMPANY										
TMW-18										
NORTHING: 148,922.42 EASTING: 225,019.57	Groundwater Protection		2005				2006			
ND = Non-detectable	Standard	10/07/04	01/10/05	4/6/2005	7/11/2005	11/8/2005	01/11/06	4/10/2006	7/3/2006	10/5/2006
FIELD DATA mg/l:	(GPS)									
Temperature (C)	as of 5/26/05	10	13	11	14	8.7	8.7	9.5	13.3	10.9
pH (Std. Units)		6.1	4.6	6.1	6.2	6.53	6.6	6.83	6.56	6.49
Cond. (umho/cm)		1400	4800	1600	1420	1470	1750	1580	304	300
TDS			*							
MAJOR IONS mg/l:										
Alk-CaCO3		447	5	467	463	458	470	475	444	459
Bicarbonate (HCO3)		545	6	569	565	558	573	580	541	560
Calcium (Ca)		637	1160	629	597	632	607	665	593	596
Carbonate (CO3)		-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		82	1920	85	83	82	75	102	96	81
Fluoride (F)		-0.1	0.8	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Magnesium (Mg)		47.9	86.5	47.6	48.3	51	44	52	46.9	48.1
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		6.9	11.1	6.8	6.7	7.1	6.5	7.1	7.4	6.9
Silica (SiO2)		24	61	23	24	24	21	25	25	22
Sodium (Na)		107	100	104	100	101	94.2	92.2	94	101
Sulfate (SO4)		1280	1240	1260	1260	1240	1120	1340	1280	1240
NON-METALS:										
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:										
Cond (umho/cm)		3360	6950	2860	2880	2900	2900	2900	2960	2950
pH (units)	GPS (6.8)	6.89	4.96	7.51	7.15	7.37	7.39	7.23	7.09	7.01
TDS @ 180 C.	GPS (500)	2560	4510	2530	2520	2510	2540	2530	2540	2430
METALS-DISSOLVED mg/l:										
Aluminum (Al)	GPS (1.8)	-0.1	15	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.001	0.004	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	0.13	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	0.026	-0.001	-0.001	-0.001	-0.001	0.001	0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	5.17	253	6.77	6.95	7.44	6.56	8.21	6.03	7.38
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	1.18	4.72	1.13	1.14	1.29	1.17	1.3	1.2	1.24
Mercury (Hg)		-0.0002	0.0003	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	0.19	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	0.004	0.008	0.003	0.001	0.001	0.001	0.002	0.001	0.002
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	0.19	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01
RADIOMETRIC pCi/l:										
Uranium, natural	GPS (36)	1.1	3.4	0.9	1	1.1	1	0.9	0.9	1
Radium 226		2.3	10.5	3.3	5.6	5.3	3.3	2.7	1.7	2.9
Radium Precision +/-		0.5	1.1	0.7	0.8	0.7	0.7	0.6	0.4	0.6
Radium 228		12.4	30.3	14.8	8.9	13.3	15	13.1	14.6	14.9
Radium Precision +/-		1.4	1.5	1.6	1	1.2	1.2	1.1	1	1.4
Combined Ra226/228	GPS (5.8)	14.7	40.8	18.1	14.5	18.6	18.3	15.8	16.3	17.8
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-										
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-1	-1	-1	-1
Lead Precision +/-										
Gross Alpha	GPS (15)	2.9	35.6	7.1	14.2	9.1	6.6	7.1	2.6	6.3
Gross Alpha Precision +/-		1.1	3.4	2.3	2.8	1.9	1.3	2.3	1.1	0.9
QUALITY ASSURANCE DATA:										
TDS A/C Balance (dec. %)		1.04	0.98	1.04	1.05	1.04	1.13	0.98	1.05	1.03
(LAB: Energy Labs Inc. unless noted.)		*Possible acid still in formation.								

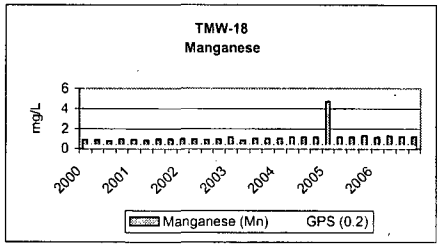


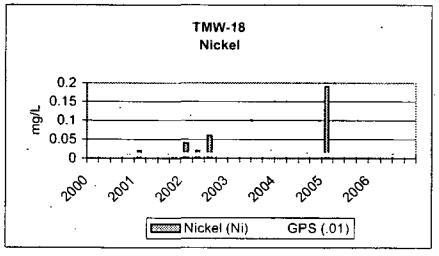




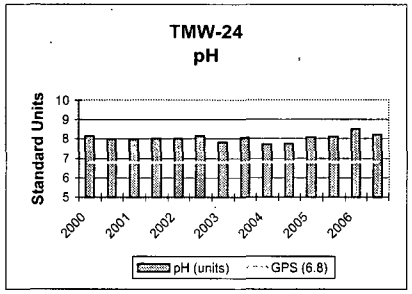


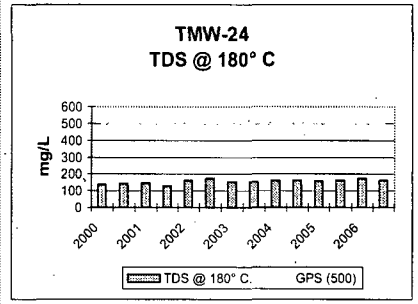




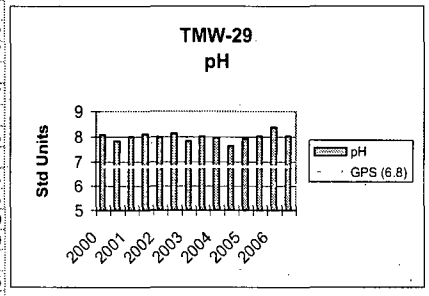


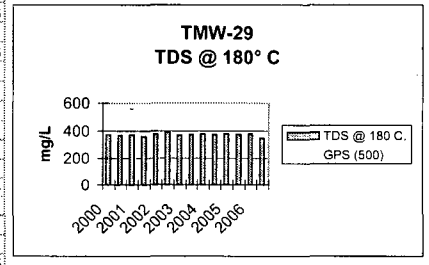
KENNECOTT URANIUM COMPANY															
TMW-24															
NORTHING: 150,307.90	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 325,992.24	Protection														
ND = Non-detectable	Standard	02/01/00	08/01/00	02/20/01	08/09/01	02/05/02	08/05/02	02/04/03	08/04/03	02/03/04	08/02/04	02/01/05	08/03/05	02/08/06	08/22/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	13	12	11	10.7	12.9
pH (Std. Units)		7.6	7.4	7.5	6.8	7.2	6.8	6.7	6.7	8.3	7.5	7.3	8.2	8.2	7.68
Cond (umho/cm)		194	240	240	260	240	260	240	240	220	200	240	180	195	226
TDS															
MAJOR IONS mg/l:															
Alk-CaC03		85	84	85	86	85	85	85	83	85.6	83	82	85	88	86
Bicarbonate (HCO3)		104	102	104	104	104	104	103	101	104	101	100	103	104	105
Calcium (Ca)		21.3	21	22.6	22	22.3	20.6	22.6	22.4	23.2	20.7	22.1	20.6	22.6	21
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
Chloride (Cl)		2.9	3	-1	2.9	-1	11	1.6	-1	-1	-1	3	2	2	3
Fluoride (F)		0.22	0.2	0.21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Magnesium (Mg)		1	1	1.1	1.1	1	1	1.1	1	1.1	1	1	1	1.1	0.9
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	1.6	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		2.6	1.5	1.3	1.4	1.5	1.9	1.3	13	1.8	1.1	1.5	1.1	1.6	1.3
Silica (SiO2)		12.9	13	13.3	13	12	12.2	12.8	30.6	14	13	13	13	14	14
Sodium (Na)		30.2	29.3	31.6	30	29.4	29.3	32.6	36.6	30.5	29.2	30.2	29.2	30.4	28.5
Sulfate (SO4)		34.6	32.9	34.9	32	33.4	31.1	34.2	-0.1	38.2	31	33	33	32	37
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		247	246	247	249	243	243	244	251	253	240	245	245	243	266
pH (units)	GPS (6.8)	8.14	7.99	7.97	8	8	8.15	7.8	8.05	7.73	7.74	8.07	8.12	8.52	8.2
TDS @ 180° C.	GPS (500)	136	139	144	127	161	175	153	154	163	162	158	160	174	160
TRACE METALS mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.001	0.002	0.001	0.0016	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.002	-0.001	0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	0.26	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.01	-0.001	-0.01	-0.001	-0.01
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.13	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.05	-0.05	-0.05	-0.05	0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.03	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	-0.01	-0.01	-0.01	0.018	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.08	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.05	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V205)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.01	-0.01	-0.01	-0.01	0.03	0.03	-0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	2.2	0.88	0.43	0.9478	1.5571	1.4894	1.4	2.2	2.3	2.1	2.7	2.2	1.2	0.4
Radium 226		0.9	1	0.8	-0.2	0.8	1.1	0.6	1	-0.2	0.9	-0.2	0.8	0.6	0.9
Radium Precision +/-		0.2	0.2	0.2		0.2	0.3	0.2	0.2		0.4		0.5	0.4	0.3
Radium 228		2.4	1.8	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2.6
Radium Precision +/-		0.2	0.1												1.2
Combined Ra226/228	GPS (5.8)	3.3	2.8	0.8	0	0.8	1.1	0.6	1	0	0.9	0	0.8	0.6	3.5
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-									0.3						
Lead (Pb210)	GPS (8.9)	-1	-1	-1	1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1
Lead Precision +/-					4										
Gross Alpha	GPS (15)	-1	-1	-1	-1	-1	1.4	-1	-1	-1	1.5	1	-1	-1	1.3
Gross Alpha Precision +/-							1				1	1			0.9
QUALITY ASSURANCE DATA															
TDS A/C Balance (dec. %)		0.86	0.9	0.91		1.05	1.1	0.96	0.98	1.12	1.11	1.03	1.07	1.12	1.03
(LAB: Energy Labs Inc. unless noted.)															



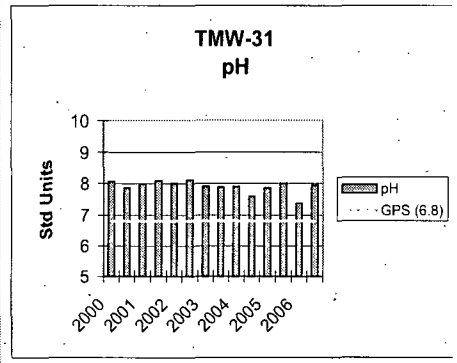


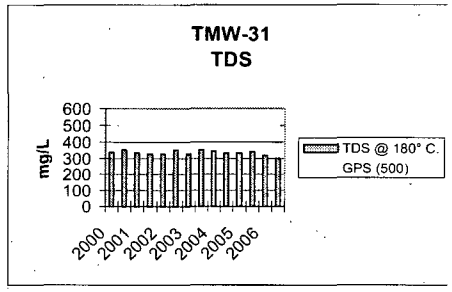
KENNECOTT URANIUM COMPANY															
TMW-29															
NORTHING: 150,108.27 EASTING: 326,786.49	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	02/01/00	08/01/00	02/20/01	08/09/01	02/05/02	08/05/02	02/04/03	08/04/03	2/3/2004	08/02/04	2/1/2005	08/03/05	2/8/2006	08/16/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	13	11	13	9.7	13.1
pH (Std. Units)		7.5	7.4	7.4	7.3	7.3	6.8	6.8	6.8	8.9	7.4	7.5	7.8	7.56	7.41
Cond. (umho/cm)		420	520	360	520	500	540	560	460	460	400	520	340	430	519
TDS															
MAJOR IONS mg/l:															
Alk-CaCO3		117	113	116	116	116	116	115	112	115	110	112	114	115	114
Bicarbonate (HCO3)		142	138	141	141	142	142	140	137	140	134	137	140	137	139
Calcium (Ca)		76.2	78.1	81.3	78	79	71.2	77.5	78.6	83.3	73.5	79.6	72.8	79	76.7
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
Chloride (Cl)		8.8	12.7	-1	6.2	10.9	8.8	6.5	7.8	5.6	5	6	6	7	7
Fluoride (F)		0.17	0.15	0.17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
Magnesium (Mg)		5.1	5.2	5.6	5.2	5	4.8	5.2	5.1	5.5	5	5.2	4.9	5.2	4.8
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	3.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		4	2.9	2.6	2.6	2.7	2.8	3	13.9	3.1	2.5	2.6	2.3	2.9	2.8
Silica (SiO2)		13.9	14.1	14.3	14	13.1	13.6	13.9	35.9	15.3	14	14	14	14	15
Sodium (Na)		35.4	34.8	37.5	35	34.6	34.4	38.8	167	36.8	34.7	36.2	33.8	34.5	34.9
Sulfate (SO4)		159	162	161	140	152	148	154	-0.1	167	140	156	145	148	159
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		575	570	571	566	548	544	555	564	568	550	554	553	545	583
pH	GPS (6.8)	8.08	7.84	7.99	8.1	8	8.14	7.83	8.02	7.97	7.63	7.91	8.02	8.38	8.01
TDS @ 180 C.	GPS (500)	371	366	372	360	379	389	367	372	378	372	376	372	378	346
TRACE METALS mg/l:															
Aluminum (Al)	GPS (1.8)	-0.01	-0.01	-0.01	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	0.001	-0.001	0.001	0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.05	-0.1	-0.05	-0.1	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.02	0.02	0.03	0.028	0.02	0.03	0.04	0.03	0.03	0.02	0.03	0.04	0.05	0.06
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.01	0.02	0.04	-0.01	0.03	0.04	-0.01	0.02	-0.01	0.01	-0.01	0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	5.8	4.87	5.4	5.5514	4.6713	5.2806	5.7	5.6	5.5	5.8	5.6	6	6.7	6.1
Radium 226		1.4	1	1.7	0.8	0.8	1.4	1.1	1.1	1.4	0.7	1.4	0.9	1.3	1.3
Radium Precision +/-		0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.2	0.5	0.6	0.6	0.5	0.5	0.4
Radium 228		2.8	2.1	-1	-1	3.3	1.9	-1	-1	-1	1.6	2.4	-1	2.3	1.9
Radium Precision +/-		0.2	0.2			1	1				1.6	1		0.9	0.7
Combined Ra226/228	GPS (5.8)	4.2	3.1	1.7	0.8	4.1	3.3	1.1	1.1	1.4	2.3	3.8	0.9	3.6	3.2
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.3	-0.2	-0.2	-0.2		-0.2	-0.02
Thorium Precision +/-									0.3						
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-1	-1	-1		-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	2.7	-1	-1	-1	1.7	2.7	-1	1.9	2	4.2	3.8	1.5	2.5	-1
Gross Alpha Precision +/-		1.4				1	1.2		1	1	1.6	1.4	1.1	1.2	
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		0.99	0.96	0.99		1.02	1.09	0.99	0.97	1.02	1.09	1.02	1.07	1.05	0.94
(LAB: Energy Labs Inc. unless noted.)															

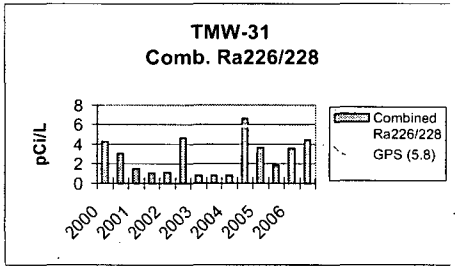




KENNECOTT URANIUM COMPANY															
TMW-31															
NORTHING: 149,901.61 EASTING: 327,194.15	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	02/07/00	08/01/00	02/20/01	08/09/01	02/05/02	08/05/02	02/04/03	08/04/03	02/03/04	08/02/04	02/01/05	08/03/05	02/07/06	08/16/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	13	12	13	8.8	12.3
pH (Std. Units)		7.3	7.3	7.3	7.3	7.3	6.9	6.8	6.8	8.6	7.2	7.3	7.8	7.62	7.31
Cond. (umho/cm)		340	480	320	480	460	500	460	420	460	360	480	280	400	443
TDS															
MAJOR IONS mg/l:															
Alk-CaCO3		116	113	113	114	110	114	114	111	113	109	110	112	112	110
Bicarbonate (HCO3)		141	138	138	138	134	138	139	135	138	133	134	137	137	134
Calcium (Ca)		71.4	75.3	75.9	72	73	69.3	73.6	72.8	77.1	67.8	71.4	67.7	71.4	68.2
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		8.6	12.6	-1	3.7	11	8.8	4.6	1.6	5	5	7	7	5	7
Fluoride (F)		0.21	0.18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Magnesium (Mg)		5.6	5.8	6	5.6	5.5	5.4	5.8	5.6	6	5.4	5.5	5.3	5.6	5.2
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	3	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		3.8	2.7	2.4	2.3	2.5	2.6	2.7	13.5	2.9	2.4	2.5	2.1	2.4	2.8
Silica (SiO2)		13.3	13.7	13.9	13	12.7	13.1	13.4	30.3	15	14	14	14	15	15
Sodium (Na)		29.5	29.2	31	29	28.5	28.2	33	145	30.8	29.1	29.9	29	30.3	30.2
Sulfate (SO4)		146	146	141	120	131	135	138	-0.1	145	121	131	128	126	136
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		538	536	524	525	499	503	508	518	519	507	501	509	495	528
pH	GPS (6.8)	8.07	7.87	7.99	8.1	8	8.11	7.9	7.89	7.91	7.59	7.87	8.01	7.38	7.95
TDS @ 180° C.	GPS (500)	336	350	331	325	324	349	326	349	343	333	332	340	318	298
METALS-DISSOLVED mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	0.0013	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.05	-0.05	0.07	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.04	0.06	0.04	0.05	0.04	0.07	0.06	0.04	0.03	0.11	0.09	0.08	0.07	0.14
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	0.02	0.04	-0.01	0.04	0.01	-0.01	0.01	-0.01	0.02	-0.01	0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	2.2	1.89	1.79	2.57	1.5571	2.4372	2.5	1.7	1.9	2.1	1.9	1.9	2.1	1.8
Radium 226		0.7	0.9	1.5	1	1.1	2.5	0.8	0.8	0.8	1	1.6	1.8	1	1.5
Radium Precision +/-		0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.4	0.6	0.6	0.6	0.5	0.5
Radium 228		3.5	2.1	-1	-1	-1	2.1	-1	-1	-1	5.6	2	-1	2.5	2.9
Radium Precision +/-		0.2	0.1				1				1.7	0.9		0.9	0.8
Combined Ra226/228	GPS (5.8)	4.2	3	1.5	1	1.1	4.6	0.8	0.8	0.8	6.6	3.6	1.8	3.5	4.4
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.4	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-									0.4						
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	4	-1	-1	-1	1.6	1.8	-1	2	1.4	8.1	3	1.2	2.1	1.1
Gross Alpha Precision +/-		1.6				1	1.1		1	1	1.1	1.3	1	1.2	0.9
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		0.96	0.99	0.97		0.97	1.04	0.95	1.02	1.02	1.07	1.02	1.06	0.98	0.9
(LAB: Energy Labs Inc. unless noted.)															

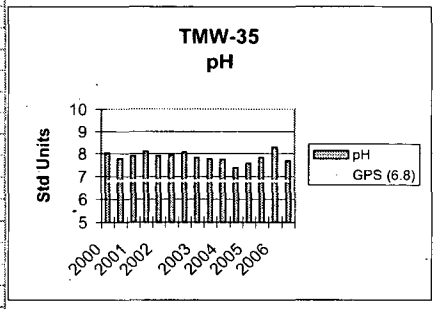


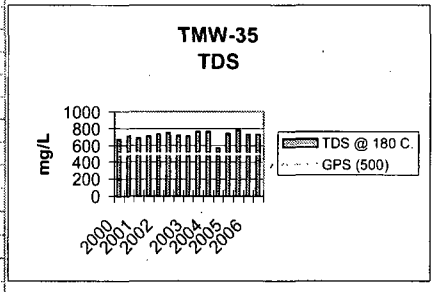


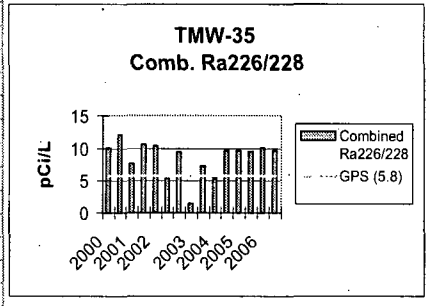


KENNECOTT URANIUM COMPANY																
TMW-35																
NORTHING: 149,509.35	Groundwater	2000		2001		2002			2003		2004		2005		2006	
EASTING: 327,198.92	Protection															
ND = Non-detectable	Standard	02/07/00	08/01/00	02/20/01	08/09/01	02/05/02	07/22/02	08/05/02	02/04/03	08/04/03	02/03/04	08/03/04	02/01/05	08/03/05	02/06/06	08/16/06
FIELD DATA mg/l:	(GPS)															
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	8	12	12	16	9	12.9
pH (Std. Units)		7.2	7.1	7.2	7.1	7.2	6.8	6.8	6.8	6.8	8.1	7.1	7.2	7.4	7.36	7.1
Cond. (umho/cm)		620	780	560	800	800	760	800	760	740	700	580	900	540	760	980
TDS																
MAJOR IONS mg/l:																
Alk-CaCO3		143	142	144	146	146	145	145	146	143	147	143	144	146	148	146
Bicarbonate (HCO3)		174	173	176	178	178	177	177	178	174	179	175	176	178	180	178
Calcium (Ca)		136	154	159	160	166	146	151	159	167	182	159	168	162	162	175
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		7.2	11.6	-1	5.7	10.5	5.6	7.3	8.1	-1	6	5	6	8	8	8
Fluoride (F)		0.18	0.15	0.17	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.1
Magnesium (Mg)		16.2	18.3	18.8	18	18.3	17.5	17.7	18.7	18.8	20.8	18.5	19	18.6	18.9	19.8
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	4	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		4.7	3.6	3.3	3.2	3.5	3	3.4	3.6	14.3	4.1	3.1	3.6	3.2	3.5	3.7
Silica (SiO2)		13.4	14.2	14.4	14	13.4	13.1	13.8	14.2	39	15.8	15	15	15	14	16
Sodium (Na)		35.4	36.1	39.5	37	37	36.8	36.1	41.4	417	39.9	38.2	38.3	36.7	35.1	37.6
Sulfate (SO4)		330	362	362	330	373	367	376	373	-0.1	427	360	388	384	376	431
NON-METALS:																
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:																
Cond (umho/cm)		927	968	967	989	973	961	965	987	1010	1030	607	998	1020	1000	1090
pH	GPS (6.8)	8.02	7.79	7.9	8.1	7.9	7.91	8.05	7.82	7.77	7.72	7.39	7.58	7.82	8.29	7.69
TDS @ 180 C.	GPS (500)	663	707	679	704	727	747	712	703	759	760	565	737	776	730	730
METALS-DISSOLVED mg/l:																
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.003	0.002	0.002	0.0021	0.002	0.002	0.002	0.002	0.002	0.002	-0.01	0.001	0.002	0.002	0.002
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.1	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.25	-0.1	0.35	0.26	0.268	0.249	0.288	0.288	0.348	0.44	0.31	0.3	0.43	0.21	0.45
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.1	0.1	0.102	0.1	0.1	0.1	0.11	0.1	0.11	0.11	0.11	0.12	0.12	0.14	0.12
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	0.011	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.03	0.02	0.01	0.015	0.02	0.04	0.02	0.02	-0.01	-0.01	0.04	-0.01	0.01	-0.01	-0.01
RADIOMETRIC pCi/l:																
Uranium, natural	GPS (36)	8.8	6.92	7.95	8.12	6.9731	10.8	6.7023	10.2	7.7	7.5	6.5	6.2	6.6	6.2	7
Radium 226		2.8	2.2	2.2	2.4	2.1	1.7	4.1	1.5	3.7	2	3.1	2	3	2.2	3.5
Radium Precision +/-		0.3	0.3	0.3	0.4	0.3	0.2	0.4	0.3	0.5	0.6	0.7	0.6	0.7	0.7	0.6
Radium 228		7.3	9.9	5.5	8.2	8.3	3.7	5.3	-1	3.6	3.5	6.6	7.6	6.5	7.9	6.1
Radium Precision +/-		0.7	0.7	1.3	1	1.9	1	1		1.8	1	1.1	1.1	1.4	1	0.8
Combined Ra226/228	GPS (5.8)	10.1	12.1	7.7	10.6	10.4	5.4	9.4	1.5	7.3	5.5	9.7	9.6	9.5	10.1	9.6
Thorium 230	GPS (7.0)	-0.2	-0.2	0.8	-0.2	-0.2	-0.2	-0.2	-0.2	0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-				0.4						0.3						
Lead (Pb210)	GPS (8.9)	-1	5.8	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-			1.8													
Gross Alpha	GPS (15)	5.1	3.6	2.4	3.8	2.7	2.2	3.8	-1	4	3	5.3	7.2	4.6	5.4	2.3
Gross Alpha Precision +/-		1.7	1.2	1.1	1	1.2	1	1.3		1.2	1	1.4	1.8	1.4	1.6	1
QUALITY ASSURANCE DATA:																
TDS A/C Balance (dec. %)		1.05	1.03	0.99		1.02	1.09	1.02	0.99	1.01	0.99	0.82	1.02	1.09	1.03	0.94
(LAB: Energy Labs Inc. unless noted.)																

KENNECOTT URANIUM COMPANY	
TMW-35	
NORTHING: 149,509.35 EASTING: 327,198.92	Groundwater Protection
ND = Non-detectable	Standard
FIELD DATA mg/l:	(GPS)
Temperature (C)	as of 5/26/05
pH (Std. Units)	
Cond. (umho/cm)	
TDS	
MAJOR IONS mg/l:	
Alk-CaCO3	
Bicarbonate (HCO3)	
Calcium (Ca)	
Carbonate (CO3)	
Chloride (Cl)	
Fluoride (F)	
Magnesium (Mg)	
Nitrate-N (NO3)	
Potassium (K)	
Silica (SiO2)	
Sodium (Na)	
Sulfate (SO4)	
NON-METALS:	
Cyanide (CN)	
PHYSICAL PROPERTIES:	
Cond (umho/cm)	
pH	GPS (6.8)
TDS @ 180 C.	GPS (500)
METALS-DISSOLVED mg/l:	
Aluminum (Al)	GPS (1.8)
Arsenic (As)	GPS (.05)
Barium (Ba)	
Beryllium (Be)	GPS (.01)
Boron (B)	
Cadmium (Cd)	GPS (.01)
Chromium (Cr)	GPS (.05)
Cobalt (Co)	
Copper (Cu)	
Iron (Fe)	GPS (0.6)
Lead (Pb)	
Manganese (Mn)	GPS (0.2)
Mercury (Hg)	
Molybdenum (Mo)	
Nickel (Ni)	GPS (.01)
Selenium (Se)	GPS (.01)
Silver (Ag)	
Thallium (Tl)	
Vanadium (V2O5)	
Zinc (ZN)	
RADIOMETRIC pCi/l:	
Uranium, natural	GPS (36)
Radium 226	
Radium Precision +/-	
Radium 228	
Radium Precision +/-	
Combined Ra226/228	GPS (5.8)
Thorium 230	GPS (7.0)
Thorium Precision +/-	
Lead (Pb210)	GPS (8.9)
Lead Precision +/-	
Gross Alpha	GPS (15)
Gross Alpha Precision +/-	
QUALITY ASSURANCE DATA:	
TDS A/C Balance (dec. %)	
(LAB: Energy Labs Inc. unless noted.)	

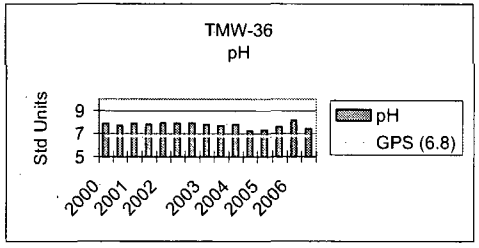


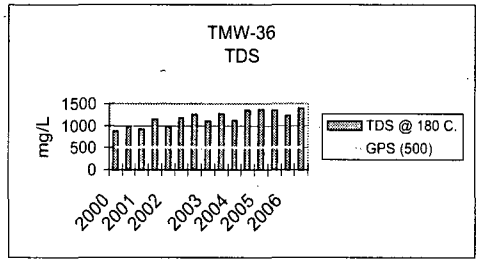


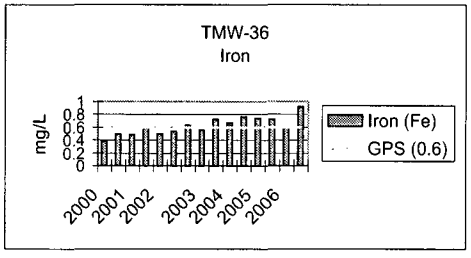


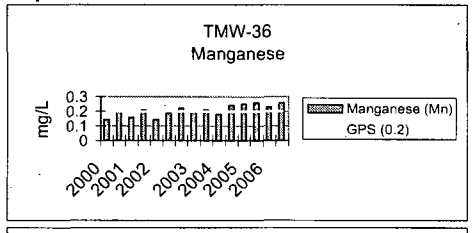
KENNECOTT URANIUM COMPANY																
TMW-36																
NORTHING: 149,108.62	Groundwater	2000		2001		2002			2003		2004		2005		2006	
EASTING: 327,007.02	Protection															
ND = Non-detectable	Standard	02/07/00	08/01/00	02/20/01	08/14/01	02/05/02	07/22/02	08/05/02	02/04/03	08/04/03	02/03/04	08/02/04	02/01/05	08/03/05	02/06/06	08/16/06
FIELD DATA mg/l:	(GPS)															
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	8	16	12	17	9.9	13.3
pH (Std. Units)		7.2	6.9	6.9	6.8	7.1	6.8	6.7	6.7	6.7	8	6.9	6.8	7.2	7.15	6.92
Cond. (umho/cm)		780	980	700	1100	920	920	1140	980	940	940	880	1360	740	1080	1660
TDS																
MAJOR IONS mg/l:																
Alk-CaCO3		147	149	150	160	152	160	165	158	158	156	161	167	166	160	172
Bicarbonate (HCO3)		179	181	183	195	185	195	201	192	193	190	196	204	202	195	210
Calcium (Ca)		178	208	203	250	216	231	254	231	269	260	271	303	277	268	321
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		10	16.9	3.4	14	11.5	10.3	10.8	10.3	2.4	10.5	9	12	10	12	14
Fluoride (F)		0.21	0.18	0.19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
Magnesium (Mg)		24	29.2	28.2	35	28.5	33.5	36.3	33.3	37.6	36.9	39.4	42.9	41.1	40	46
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	5.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		4.8	3.7	3.4	4	3.7	3.5	3.9	4.3	12.1	4.5	4.2	4.7	4.2	4.4	5.1
Silica (SiO2)		12.3	13.1	13.1	13	12.3	11.7	12.3	12.1	43.6	13.8	13	12	13	12	13
Sodium (Na)		37.5	37.9	41.2	44	39.4	41.9	42.7	45.9	748	42.9	44.5	45.6	42.5	40.6	44.1
Sulfate (SO4)		438	543	506	630	525	636	705	607	-0.1	689	684	784	735	693	878
NON-METALS:																
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:																
Cond (umho/cm)		1160	1257	1219	1440	1220	1420	1500	1390	1550	1420	1210	1630	1600	1510	1790
pH	GPS (6.8)	7.88	7.72	7.89	7.8	7.9	7.91	7.93	7.81	7.69	7.79	7.22	7.31	7.6	8.13	7.43
TDS @ 180 C.	GPS (500)	873	977	919	1150	976	1180	1250	1100	1270	1120	1340	1360	1340	1230	1390
TRACE METALS mg/l:																
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.38	0.49	0.48	0.61	0.497	0.535	0.63	0.555	0.718	0.665	0.76	0.74	0.72	0.6	0.92
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.14	0.2	0.16	0.21	0.14	0.19	0.22	0.2	0.21	0.18	0.24	0.25	0.26	0.23	0.26
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	0.052	0.01	-0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	0.001	-0.001	-0.001	0.001	0.001	0.002	-0.001	-0.001	-0.001	0.001	-0.001	0.001	0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.01	0.01	-0.01	0.021	0.04	0.02	0.02	0.02	-0.01	0.01	0.01	-0.01	0.01	-0.01	-0.01
RADIOMETRIC pCi/l:																
Uranium, natural	GPS (36)	27.8	28.7	33.6	41.97	30.6004	49.4	42.7864	44.3	53.8	46.9	47.4	50.3	52.8	51	65.9
Radium 226		2.7	2.6	3	3.5	3.2	2.8	5.8	3	4	4	4.7	4.2	4.1	2.7	4.8
Radium Precision +/-		0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4	1.1	1.1	0.9	0.8	0.8	0.7
Radium 228		7.7	8.5	6.1	8.9	10.2	14.6	10.3	-1	3.1	4.4	7.9	8.2	8.5	10.3	9
Radium Precision +/-		0.7	0.6	1.3	1.2	1.8	2.3	1		1.1	1.6	1.8	1.1	1.4	1.1	0.9
Combined Ra226/228	GPS (5.8)	10.4	11.1	9.1	12.4	13.4	17.4	16.1	3	7.1	8.4	12.6	12.4	12.6	13	13.8
Thorium 230	GPS (7.0)	-0.2	-0.2	1.3	-0.2	-0.2	-0.2	-0.2	-0.2	0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-				0.5						0.3						
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-																
Gross Alpha	GPS (15)	5.2	-1	2.1	3.1	2.1	2.4	5.1	3	6	3.9	9.6	7.5	6.3	4.3	5.3
Gross Alpha Precision +/-		1.7		1	1.2	1.1	1	1.5	1.7	1.4	1.1	1.1	1	1.6	1.5	1.3
QUALITY ASSURANCE DATA:																
TDS A/C Balance (dec. %)		1.1	1.03	1.03	1.06	1.04	1.1	1.07	1.05	1.04	0.98	1.16	1.04	1.1	1.05	0.98
(LAB: Energy Labs Inc. unless noted.)																

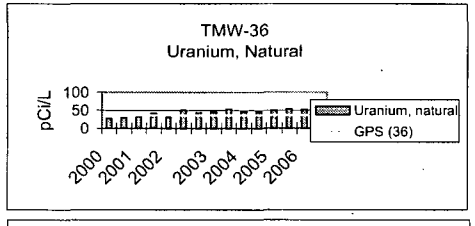
KENNECOTT URANIUM COMPANY	
TMW-36	
NORTHING: 149,108.62 EASTING: 327,007.02	Groundwater Protection
ND = Non-detectable	Standard
FIELD DATA mg/l:	(GPS)
Temperature (C)	as of 5/26/05
pH (Std. Units)	
Cond. (umho/cm)	
TDS	
MAJOR IONS mg/l:	
Alk-CaCO3	
Bicarbonate (HCO3)	
Calcium (Ca)	
Carbonate (CO3)	
Chloride (Cl)	
Fluoride (F)	
Magnesium (Mg)	
Nitrate-N (NO3)	
Potassium (K)	
Silica (SiO2)	
Sodium (Na)	
Sulfate (SO4)	
NON-METALS:	
Cyanide (CN)	
PHYSICAL PROPERTIES:	
Cond (umho/cm)	
pH	GPS (6.8)
TDS @ 180 C.	GPS (500)
TRACE METALS mg/l:	
Aluminum (Al)	GPS (1.8)
Arsenic (As)	GPS (.05)
Barium (Ba)	
Beryllium (Be)	GPS (.01)
Boron (B)	
Cadmium (Cd)	GPS (.01)
Chromium (Cr)	GPS (.05)
Cobalt (Co)	
Copper (Cu)	
Iron (Fe)	GPS (0.6)
Lead (Pb)	
Manganese (Mn)	GPS (0.2)
Mercury (Hg)	
Molybdenum (Mo)	
Nickel (Ni)	GPS (.01)
Selenium (Se)	GPS (.01)
Silver (Ag)	
Thallium (Tl)	
Vanadium (V2O5)	
Zinc (ZN)	
RADIOMETRIC pCi/l:	
Uranium, natural	GPS (36)
Radium 226	
Radium Precision +/-	
Radium 228	
Radium Precision +/-	
Combined Ra226/228	GPS (5.8)
Thorium 230	GPS (7.0)
Thorium Precision +/-	
Lead (Pb210)	GPS (8.9)
Lead Precision +/-	
Gross Alpha	GPS (15)
Gross Alpha Precision +/-	
QUALITY ASSURANCE DATA:	
TDS A/C Balance (dec. %)	
(LAB: Energy Labs Inc. unless noted.)	

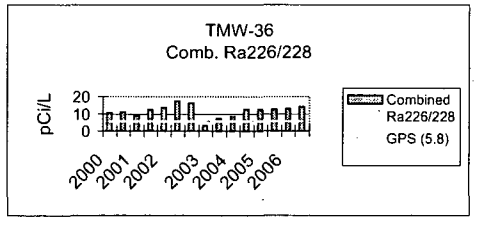






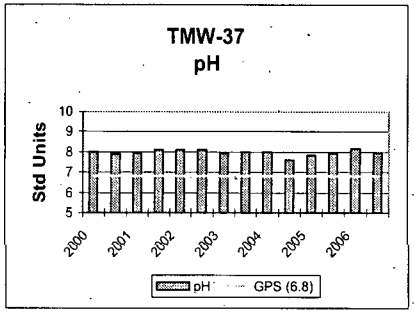


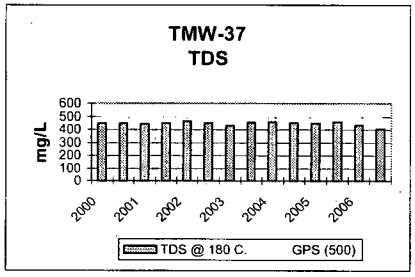


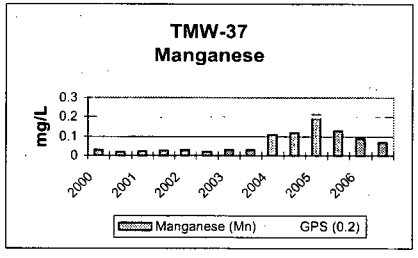


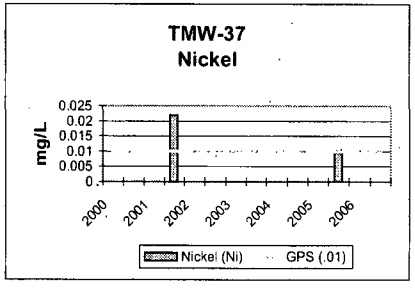
KENNECOTT URANIUM COMPANY															
TMW-37															
NORTHING: 148,455.68	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 326,999.77	Protection														
ND = Non-detectable	Standard	02/02/00	08/01/00	02/20/01	08/14/01	02/05/02	08/06/02	02/04/03	08/04/03	02/04/04	08/02/04	02/01/05	08/03/05	02/02/06	08/16/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	13	13	15	8.4	12.9
pH (Std. Units)		7.2	7.3	7.2	7.2	7.3	6.8	6.9	6.8	7.6	7.3	7.3	7.5	7.57	7.21
Cond. (umho/cm)		540	600	440	780	580	600	580	500	500	460	600	700	500	609
TDS															
MAJOR IONS mg/l:															
Alk-CaCO3		133	129	128	129	132	127	130	124	126	126	122	130	130	124
Bicarbonate (HCO3)		161	157	156	157	160	154	158	151	154	154	149	159	159	151
Calcium (Ca)		93.9	98.5	100	96	104	93.7	94.5	101	107	96	97.3	95.8	95.9	94.1
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		7	12.6	-1	7.8	11.6	6.2	8.9	5.6	7.1	6	7	8	8	8
Fluoride (F)		0.18	0.17	0.16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
Magnesium (Mg)		8.1	8.6	8.9	8.6	8.5	8.3	8.3	8.4	9.3	8.4	8.4	8.3	8.4	7.7
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	3.8	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		4.9	3.6	3.4	3.3	3.5	3.4	4.1	9	3.9	3	3.4	3	3.3	3.4
Silica (SiO2)		8.6	9.1	8.8	9	8.8	8	8.5	35.7	9.5	10	9	10	10	11
Sodium (Na)		34.3	34.3	36.7	36	34.5	33.5	38.4	220	36.6	35.6	36.5	34.3	34.4	35.2
Sulfate (SO4)		208	204	208	200	205	209	202	-0.1	223	192	195	195	198	203
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		682	671	676	670	667	658	675	669	681	666	645	670	650	682
pH	GPS (6.8)	8	7.89	7.93	8.1	8.1	8.09	7.93	8	7.98	7.59	7.83	7.94	8.16	7.95
TDS @ 180 C.	GPS (500)	450	449	443	451	465	450	429	456	458	454	450	459	436	406
TRACE METALS mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.015	0.019	0.021	0.019	0.026	0.031	0.036	0.037	0.039	0.042	0.036	0.043	0.038	0.039
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.02	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	0.0013	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	0.052	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.05	-0.1	0.11	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.03	0.02	0.024	0.027	0.03	0.02	0.03	0.03	0.11	0.12	0.21	0.13	0.09	0.07
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	0.0003	0.0006	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	0.022	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	0.01	-0.01	0.011	-0.01	-0.01	0.02	-0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	9.5	6.41	9.6	8.801	7.447	11.7798	8.3	8.7	10.3	6.5	7.8	5.6	6.2	6
Radium 226		1.2	1.1	1	1.4	1.3	2.5	0.8	1.1	1.6	1.5	1.9	1.4	0.9	1.8
Radium Precision +/-		0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.2	0.5	0.7	0.6	0.5	0.4	0.5
Radium 228		5.1	2.7	-1	2.9	5.4	-1	-1	-1	-1	2.4	1.8	-1	-1	1.3
Radium Precision +/-		0.6	0.2		1	1.7					1.6	0.9			0.7
Combined Ra226/228	GPS (5.8)	6.3	3.8	1	4.3	6.7	2.5	0.8	1.1	1.6	3.9	3.7	1.4	0.9	3.1
Thorium 230	GPS (7.0)	-0.2	-0.2	0.9	-0.2	-0.2	-0.2	0.8	0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-				0.5				0.5	0.3						
Lead (Pb210)	GPS (8.9)	-1	6.8	-1	-1	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-			1.8												
Gross Alpha	GPS (15)	3.3	2	-1	1.3	-1	1.6	-1	1.7	1.9	5.8	3.3	2	2.4	1.5
Gross Alpha Precision +/-		1.4	1		1		1		1	1	1.8	1.4	1.1	1	0.9
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		1.01	1	0.99	1.03	1.01	1.02	0.96	0.99	0.99	1.06	1	1.06	1	0.93
(LAB: Energy Labs Inc. unless noted.)															

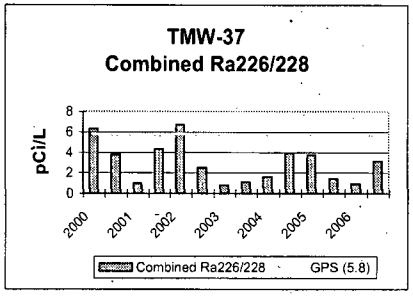
KENNECOTT URANIUM COMPANY	
TMW-37	
NORTHING: 148,455.68	Groundwater
EASTING: 326,999.77	Protection
ND = Non-detectable	Standard
FIELD DATA mg/l:	(GPS)
Temperature (C)	as of 5/26/05
pH (Std. Units)	
Cond. (umho/cm)	
TDS	
MAJOR IONS mg/l:	
Alk-CaCO3	
Bicarbonate (HCO3)	
Calcium (Ca)	
Carbonate (CO3)	
Chloride (Cl)	
Fluoride (F)	
Magnesium (Mg)	
Nitrate-N (NO3)	
Potassium (K)	
Silica (SiO2)	
Sodium (Na)	
Sulfate (SO4)	
NON-METALS:	
Cyanide (CN)	
PHYSICAL PROPERTIES:	
Cond (umho/cm)	
pH	GPS (6.8)
TDS @ 180 C.	GPS (500)
TRACE METALS mg/l:	
Aluminum (Al)	GPS (1.8)
Arsenic (As)	GPS (.05)
Barium (Ba)	
Beryllium (Be)	GPS (.01)
Boron (B)	
Cadmium (Cd)	GPS (.01)
Chromium (Cr)	GPS (.05)
Cobalt (Co)	
Copper (Cu)	
Iron (Fe)	GPS (0.6)
Lead (Pb)	
Manganese (Mn)	GPS (0.2)
Mercury (Hg)	
Molybdenum (Mo)	
Nickel (Ni)	GPS (.01)
Selenium (Se)	GPS (.01)
Silver (Ag)	
Thallium (Tl)	
Vanadium (V2O5)	
Zinc (ZN)	
RADIOMETRIC pCi/l:	
Uranium, natural	GPS (36)
Radium 226	
Radium Precision +/-	
Radium 228	
Radium Precision +/-	
Combined Ra226/228	GPS (5.8)
Thorium 230	GPS (7.0)
Thorium Precision +/-	
Lead (Pb210)	GPS (8.9)
Lead Precision +/-	
Gross Alpha	GPS (15)
Gross Alpha Precision +/-	
QUALITY ASSURANCE DATA:	
TDS A/C Balance (dec. %)	
(LAB: Energy Labs Inc. unless noted.)	



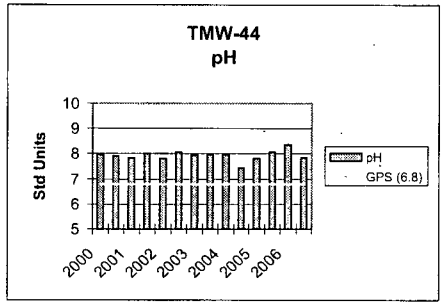


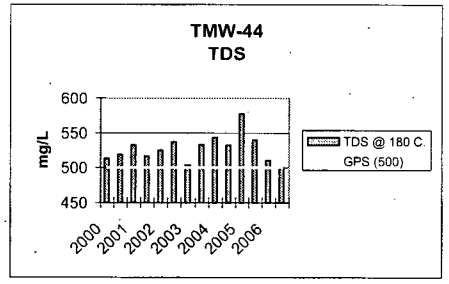


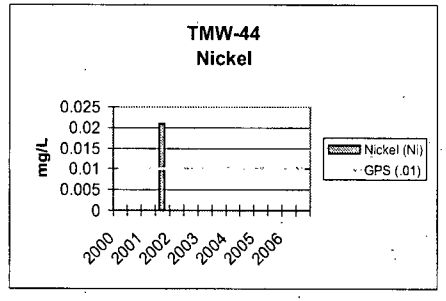


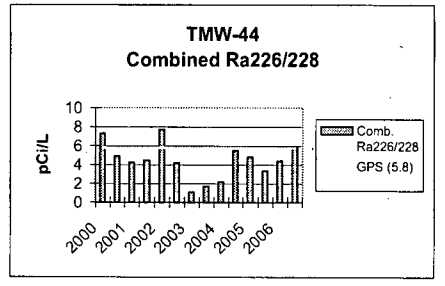


KENNECOTT URANIUM COMPANY															
TMW-44															
NORTHING: 147,612.17	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 325,588.96	Protection														
ND = Non-detectable	Standard	02/07/00	08/02/00	02/20/01	08/14/01	02/11/02	08/06/02	02/06/03	08/05/03	02/04/04	08/03/04	02/02/05	08/04/05	02/06/06	08/23/06
FIELD DATA mg/L:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	14	14	12	8.7	11.1
pH (Std. Units)		7.2	7.2	7.2	7.1	7.2	7.1	7.2	6.7	8	7.1	6.9	8	7.35	7.31
Cond (umho/cm)		560	480	460	680	640	660	600	600	620	500	600	440	600	730
TDS															
MAJOR IONS mg/L:															
Alk-CaC03		127	124	126	126	126	129	128	128	126	125	122	120	128	124
Bicarbonate (HCO3)		155	151	153	153	154	157	156	156	154	152	149	146	152	152
Calcium (Ca)		105	111	116	110	117	110	111	117	119	109	119	117	113	112
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
Chloride (Cl)		8.3	13.6	2	9.4	11.3	8.1	9.7	9.2	6.5	6	9	9	10	9
Fluoride (F)		0.2	0.19	0.18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Magnesium (Mg)		9.1	9.6	10.2	9.8	9.7	9.6	9.9	9.9	10.5	9.8	10.3	10.2	10.3	9.8
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		4.4	3.1	3	2.9	3.1	3	3.6	3.6	3.4	2.6	3.3	3	2.9	2.9
Silica (SiO2)		13.7	14.3	14.4	14	13.3	13.9	13.8	14	15.6	14	15	15	15	16
Sodium (Na)		36.9	36.6	39.9	39	37	36.7	42.6	39.4	38.9	38.4	41.3	38	37.8	36.4
Sulfate (SO4)		243	252	256	240	247	258	251	274	277	233	255	252	252	272
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond. (umho/cm)		751	746	762	743	739	753	762	767	761	736	765	779	747	790
pH	GPS (6.8)	7.97	7.91	7.83	8	7.8	8.07	7.93	7.97	7.96	7.45	7.8	8.06	8.35	7.83
TDS @ 180 C.	GPS (500)	513	519	532	517	525	537	504	533	543	532	577	540	510	500
METALS-DISSOLVED mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	0.0012	-0.001	-0.001	-0.001	-0.001	-0.001	-0.01	-0.001	-0.01	-0.001	-0.01
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.16	-0.1	0.14	0.13	0.122	0.124	0.09	0.146	0.144	0.1	0.14	0.13	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.03	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.08	0.08	0.08	0.073	0.07	0.09	0.08	0.07	0.07	0.07	0.08	0.08	0.08	0.08
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.08	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	0.021	-0.01	-0.01	-0.01	-0.01	-0.01	-0.05	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.002	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (Zn)		-0.01	-0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	1.3	1.3	1.1	1.4217	1.1509	1.4217	1.4	1.5	1.8	2	1.5	1.5	1.7	1.7
Radium 226		1.8	1.7	2.2	1.8	2.6	4.2	1.1	1.7	2.2	2.1	1.6	2	2.1	2.2
Radium Precision +/-		0.3	0.2	0.3	0.2	0.3	0.4	0.2	0.2	0.6	0.6	0.6	0.5	0.7	0.5
Radium 228		5.5	3.2	2.1	2.7	5.1	-1	-1	-1	-1	3.4	3.2	1.4	2.3	3.7
Radium Precision +/-		0.6	0.2	1.2	1	1.6					1	0.9	1	0.9	1.2
Comb. Ra226/228	GPS (5.8)	7.3	4.9	4.3	4.5	7.7	4.2	1.1	1.7	2.2	5.5	4.8	3.4	4.4	5.9
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.5	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-									0.5						
Lead (Pb210)	GPS (8.9)	-1	8.7	-1	-1	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-			1.9												
Gross Alpha	GPS (15)	5.2	2.2	-1	2.5	-1	3.4	-1	2.1	1.8	3.3	5.4	2.8	2.7	2.3
Gross Alpha Precision +/-		1.7	1		1.2		1.2		1	1	1.2	1.6	1.2	1.3	1.1
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		1.03	1	1.02	1.03	1.01	1.03	0.96	0.97	1.02	1.09	1.1	1.04	0.99	0.94
(LAB: Energy Labs Inc. unless noted.)															



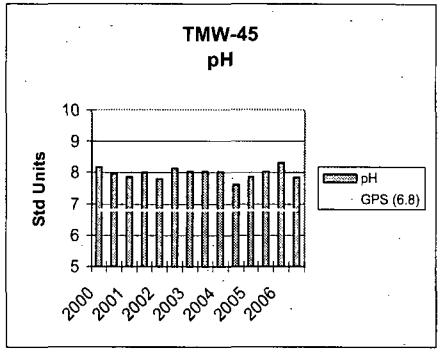


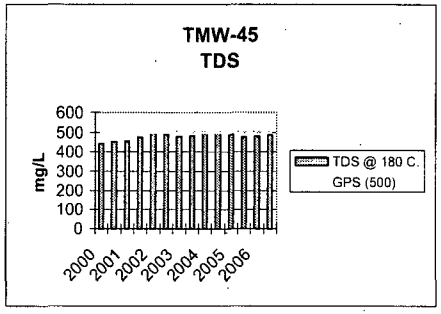


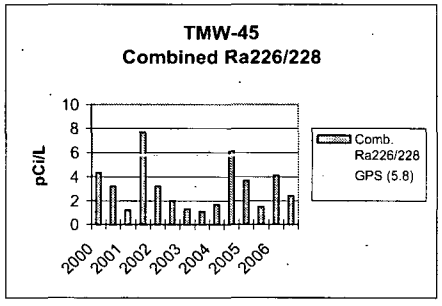


KENNECOTT URANIUM COMPANY															
TMW-45															
NORTHING: 147,619.66 EASTING: 326,196.14	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	02/07/00	08/02/00	02/20/01	08/02/01	02/11/02	08/06/02	02/06/03	08/05/03	02/04/04	08/03/04	02/02/05	08/04/05	02/02/06	08/10/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	13	11	14	7.7	15.7
pH (Std. Units)		6.8	7.3	7.3	7.4	7.3	6.9	7.2	6.8	7.5	6.9	7.2	8.2	7.62	7.28
Cond (umho/cm)		480	400	400	600	580	580	580	580	640	480	640	380	500	650
TDS															
MAJOR IONS mg/l:															
Alk-CaCO3		137	135	132	137	137	138	137	137	137	133	131	129	140	136
Bicarbonate (HCO3)		167	164	161	166	166	168	167	167	167	163	160	158	168	166
Calcium (Ca)		97.2	101	103	97.5	109	99.7	101	107	114	102	106	107	104	105
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
Chloride (Cl)		5.8	11	1	8	11	6.3	8.3	-1	6.7	5	7	7	7	8
Fluoride (F)		0.21	0.2	0.19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Magnesium (Mg)		7.2	7.7	7.7	7.4	7.8	7.6	7.8	7.9	8.8	7.9	7.9	8.2	8.2	8.2
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		4.3	3	2.9	2.6	3.1	2.9	3.6	3.6	3.5	2.6	3.2	3	2.9	3.2
Silica (SiO2)		14.6	14.7	14.7	14.3	13.8	14.3	14	14.4	16.3	15	15	15	16	16
Sodium (Na)		35.7	34.8	37.4	36.3	35.6	34.8	40.5	37.5	37.9	37.3	38.9	36.4	38	37.4
Sulfate (SO4)		203	204	207	190	210	214	207	232	246	198	213	210	216	225
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond. (umho/cm)		667	680	681	679	685	683	694	708	723	671	694	707	693	729
pH	GPS (6.8)	8.17	7.97	7.87	8	7.8	8.14	8.02	8.04	8.02	7.61	7.85	8.03	8.3	7.84
TDS @ 180 C.	GPS (500)	443	452	455	474	494	489	479	481	500	495	489	476	478	486
METALS-DISSOLVED mg/l:															
Aluminun (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.38	0.14	0.15	-0.1	0.184	0.109	0.106	0.143	0.125	-0.05	0.15	0.14	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.1	0.12	0.11	0.11	0.1	0.11	0.1	0.09	0.09	0.1	0.1	0.09	0.09	0.09
Mercury (Hg)*		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.002	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	-0.01	-0.01	0.03	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	2.2	1.61	1.4	1.5571	1.2863	1.354	1.4	2.9	1.6	1.3	1.4	1.3	2.5	1.3
Radium 226		1	1.4	1.2	5.1	1.3	2	1.3	1.1	1.7	2.1	1.3	1.5	2.4	1.3
Radium Precision +/-		0.2	0.2	0.2	0.7	0.2	0.3	0.3	0.3	0.6	0.6	0.5	0.5	0.8	0.4
Radium 228		3.3	1.8	-1	2.6	1.9	-1	-1	-1	-1	4	2.4	-1	1.7	1.1
Radium Precision +/-		0.2	0.1		1	1.5					1.4	0.9		1.2	0.8
Comb. Ra226/228	GPS (5.8)	4.3	3.2	1.2	7.7	3.2	2	1.3	1.1	1.7	6.1	3.7	1.5	4.1	2.4
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	0.8	-0.2	-0.2	-0.2	0.5	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-					0.9				0.5						
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	-1	-1	-1	3.7	-1	3.4	-1	2	2.4	1.8	2.4	3.4	3.8	2.4
Gross Alpha Precision +/-					1.2		1.2		1	1	1.1	1.2	1.3	0.8	0.8
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		0.98	0.98	1	1.11	1.04	1.05	1.02	0.98	1	1.1	1	1.03	1	1
(LAB: Energy Labs Inc. unless noted.)															

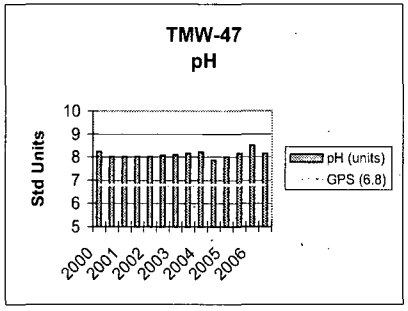
KENNECOTT URANIUM COMPANY	
TMW-45	
NORTHING: 147,619.66	Groundwate
EASTING: 326,196.14	r Protection
ND = Non-detectable	Standard
FIELD DATA mg/l:	(GPS)
Temperature (C)	as of 5/26/05
pH (Std. Units)	
Cond (umho/cm)	
TDS	
MAJOR IONS mg/l:	
Alk-CaCO3	
Bicarbonate (HCO3)	
Calcium (Ca)	
Carbonate (CO3)	
Chloride (Cl)	
Fluoride (F)	
Magnesium (Mg)	
Nitrate-N (NO3)	
Potassium (K)	
Silica (SiO2)	
Sodium (Na)	
Sulfate (SO4)	
NON-METALS:	
Cyanide (CN)	
PHYSICAL PROPERTIES:	
Cond. (umho/cm)	
pH	GPS (6.8)
TDS @ 180 C.	GPS (500)
METALS-DISSOLVED mg/l:	
Aluminun (Al)	GPS (1.8)
Arsenic (As)	GPS (.05)
Barium (Ba)	
Beryllium (Be)	GPS (.01)
Boron (B)	
Cadmium (Cd)	GPS (.01)
Chromium (Cr)	GPS (.05)
Cobalt (Co)	
Copper (Cu)	
Iron (Fe)	GPS (0.6)
Lead (Pb)	
Manganese (Mn)	GPS (0.2)
Mercury (Hg)	
Molybdenum (Mo)	
Nickel (Ni)	GPS (.01)
Selenium (Se)	GPS (.01)
Silver (Ag)	
Thallium (Tl)	
Vanadium (V2O5)	
Zinc (ZN)	
RADIOMETRIC pCi/l:	
Uranium, natural	GPS (36)
Radium 226	
Radium Precision +/-	
Radium 228	
Radium Precision +/-	
Comb. Ra226/228	GPS (5.8)
Thorium 230	GPS (7.0)
Thorium Precision +/-	
Lead (Pb210)	GPS (8.9)
Lead Precision +/-	
Gross Alpha	GPS (15)
Gross Alpha Precision +/-	
QUALITY ASSURANCE DATA:	
TDS A/C Balance (dec. %)	
(LAB: Energy Labs Inc. unless noted.)	

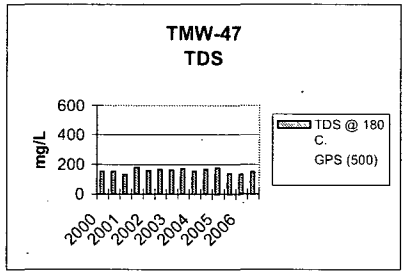


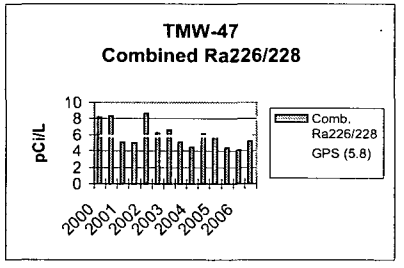




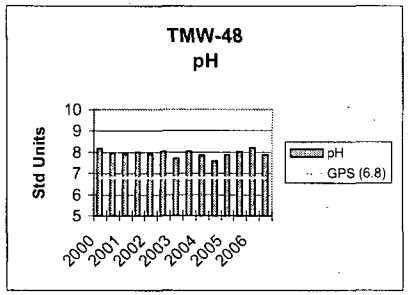
KENNECOTT URANIUM COMPANY															
TMW-47															
NORTHING: 147,310.10	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 326,491.24	Protection														
ND = Non-detectable	Standard	02/07/00	08/02/00	02/22/01	08/02/01	02/05/02	08/21/02	02/06/03	08/05/03	02/10/04	08/03/04	02/02/05	08/04/05	02/02/06	08/22/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	14	11	12	8.5	13.3
pH (Std. Units)		6.7	7.3	7.5	7.6	7.4	6.7	7.4	6.9	8.7	7.7	7.2	7.9	8.01	7.78
Cond (umho/cm)		200	180	160	240	240	260	240	240	260	200	260	160	194	200
TDS															
MAJOR IONS mg/l:															
Alk-CaC03		86	84	85	87	86	86	87	84	86.7	83	84	81	85	85
Bicarbonate (HCO3)		105	103	104	106	104	105	106	102	106	101	103	99	101	104
Calcium (Ca)		20.4	20.8	22.1	20.2	22.7	21.7	20.8	21.7	21.8	20.5	22	22.7	20.2	20
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
Chloride (Cl)		-0.1	2.9	-1	5.1	6.5	-1	5	-1	-1	-1	2	3	3	2
Fluoride (F)		0.21	0.19	0.19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Magnesium (Mg)		0.9	0.9	1	0.9	-1	-1	-1	-1	-1	0.9	0.9	0.9	0.9	0.7
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		2.8	1.5	1.4	1.1	1.6	1.3	2	1.8	1.8	1	1.5	1.8	1.4	1.2
Silica (SiO2)		12.9	13	13.8	12.9	12.4	13.5	12.3	13.1	13.9	13	13	14	13	15
Sodium (Na)		32.4	31.3	34.6	33	32.3	35.1	36.5	33.7	32.2	32.7	35.1	31.4	32	30.9
Sulfate (SO4)		38.5	37.8	39.2	33.8	37.7	36.9	35.7	39.9	36.7	33	37	38	34	37
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		257	256	257	252	250	251	255	259	259	251	254	254	243	265
pH (units)	GPS (6.8)	8.24	8.01	8.02	8	8	8.05	8.09	8.16	8.21	7.85	8.02	8.15	8.5	8.16
TDS @ 180 C.	GPS (500)	151	151	133	179	158	166	159	167	154	164	172	136	130	150
METALS-DISSOLVED mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.01	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.052	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.03	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.01	0.01	0.01	0.03	0.01	0.02	0.01	-0.01	0.02	0.04	0.02	0.01	-0.01	-0.01
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.08	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.05	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V205)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	0.2	0.406	0.4	0.4739	0.4062	1.8	0.5	0.8	0.6	0.3	0.3	0.5	0.9	0.3
Radium 226		5.5	5.1	5.1	5	5	6.2	6.6	5.1	4.5	6.1	2.5	4.4	4.1	5.2
Radium Precision +/-		0.4	0.4	0.4	0.4	0.4	0.8	0.5	0.4	0.7	0.9	0.6	0.7	0.7	0.7
Radium 228		2.7	3.2	-1	-1	3.6	-1	-1	-1	-1	-1	3.3	-1	-1	-1
Radium Precision +/-		0.2	0.2			1.6						0.9			
Comb. Ra226/228	GPS (5.8)	8.2	8.3	5.1	5	8.6	6.2	6.6	5.1	4.5	6.1	5.8	4.4	4.1	5.2
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	1.1	-0.2	-0.2	-0.2	0.4	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-					1.1				0.4						
Lead (Pb210)	GPS (8.9)	5.3	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-		1.8													
Gross Alpha	GPS (15)	5.2	5.1	4.3	5.8	5.6	5.4	-1	6.8	6.7	6.6	5.6	7	5.3	4.7
Gross Alpha Precision +/-		1.6	1.3	1.3	1.4	1	1.8		1.5	1.4	1.6	1	1.7	1.4	1.4
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		0.94	0.94	0.8	1.26	0.94	1.01	0.95	1.02	1.05	1.07	1.1	0.85	0.83	0.95
(LAB: Energy Labs Inc. unless noted.)															

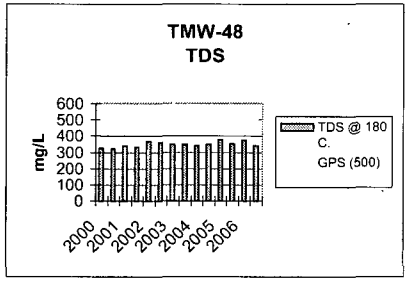


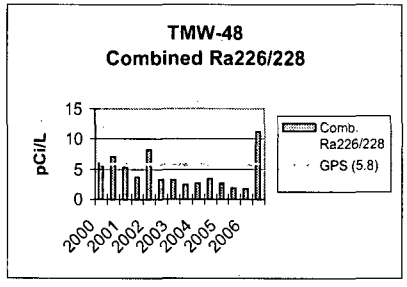




KENNECOTT URANIUM COMPANY															
TMW-48															
NORTHING: 147,312.58	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 326,482.99	Protection														
ND = Non-detectable	Standard	2/3/00	8/2/00	2/22/01	8/2/01	2/5/02	8/21/02	2/6/03	8/5/03	2/10/04	8/3/04	2/2/05	8/4/05	2/2/06	8/22/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	13	11	11	8.6	12.4
pH (Std. Units)		6.8	7.3	7.3	7.4	7.3	6.9	7.2	6.8	8.2	7.6	7.1	7.3	7.64	7.41
Cond (umho/cm)		380	340	320	460	480	480	520	460	480	380	500	300	420	500
TDS															
MAJOR IONS mg/l:															
Alk-CaC03		111	107	109	107	109	109	110	112	111	108	109	106	115	112
Bicarbonate (HCO3)		135	130	132	130	133	133	134	136	135	132	133	129	140	136
Calcium (Ca)		70.1	71.2	75.3	66.3	77.5	74.5	71.4	76.1	75.8	71.8	78.1	75	83.6	77.7
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		2.4	8.7	-1	7.2	7.7	4.5	6.6	-1	6.9	3	5	5	6	8
Fluoride (F)		0.2	0.19	0.19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Magnesium (Mg)		4.5	4.5	4.9	4.3	4.7	4.9	4.7	4.7	4.8	4.7	5	4.8	5.5	4.6
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		4	2.6	2.5	2	2.6	2.5	3.2	3.1	2.7	2.2	2.7	2.4	2.6	2.4
Silica (SiO2)		13.9	14.2	14.5	13.8	13.5	15.2	13.7	14.3	14.9	15	15	15	15	16
Sodium (Na)		31.4	29.9	32.7	30.8	30.7	32.6	34.9	32.3	30.9	31.5	33.5	30.9	32.3	29.6
Sulfate (SO4)		138	141	149	125	144	138	141	158	150	136	147	141	169	160
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		514	511	520	502	510	511	523	529	540	508	529	534	570	561
pH	GPS (6.8)	8.17	7.95	7.91	8	7.9	8.01	7.7	8.01	7.84	7.56	7.87	8.03	8.19	7.88
TDS @ 180 C.	GPS (500)	323	320	340	333	366	359	348	349	340	348	377	350	374	340
METALS-DISSOLVED mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.01	-0.01	-0.001	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.11	-0.01	-0.01	-0.01	-0.01	0.054	-0.05	0.094	0.093	0.1	0.13	0.1	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.03	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.07	0.05	0.05	0.04
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.08	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.05	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V205)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	-0.01	-0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	-0.2	0.344	0.3	0.6093	0.2031	1.8	0.2	0.3	0.3	0.3	0.4	0.5	0.7	0.3
Radium 226		2.5	2.4	2.4	1.7	2.5	3.3	3.2	2.4	2.7	1.8	4.9	1.9	1.8	2.4
Radium Precision +/-		0.3	0.3	0.3	0.4	0.3	0.3	0.4	0.3	0.6	0.5	0.9	0.5	0.5	0.5
Radium 228		3.5	4.7	2.9	1.9	5.7	-1	-1	-1	-1	1.6	1.5	-1	-1	8.7
Radium Precision +/-		0.2	0.2	1.2		1.6					1	0.8			1.3
Comb. Ra226/228	GPS (5.8)	6	7.1	5.3	3.6	8.2	3.3	3.2	2.4	2.7	3.4	2.7	1.9	1.8	11.1
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.7	0.5	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-								0.5	0.5						
Lead (Pb210)	GPS (8.9)	-1	-1	-1	1.2	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	2.8
Lead Precision +/-					5										1.6
Gross Alpha	GPS (15)	4.7	2.2	2	2.8	-1	2.4	5.8	2.4	5.1	4.1	4.8	2.9	2.4	2.1
Gross Alpha Precision +/-		1.6	1	1	1.1		1.4	3.4	1.1	1.2	1.3	1.5	1.2	1	1
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		0.97	0.95	0.98	1.11	1.05	1.05	1.01	0.97	1.01	1.06	1.1	1.04	0.98	0.93
(LAB: Energy Labs Inc. unless noted.)															

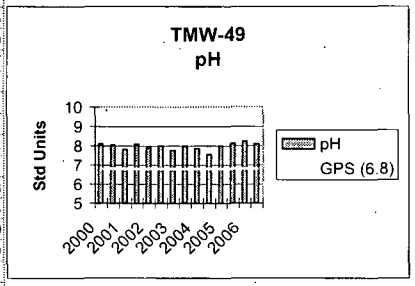


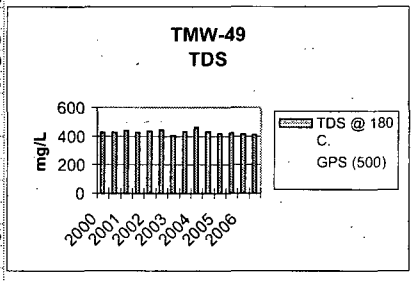


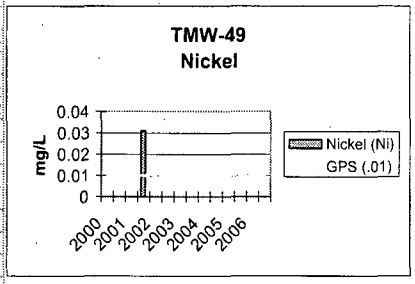


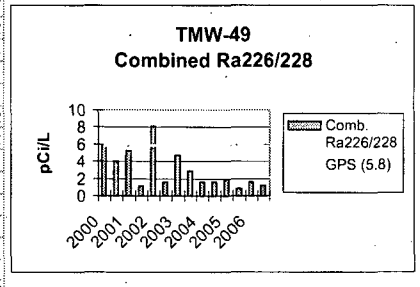
KENNECOTT URANIUM COMPANY															
TMW-49															
NORTHING:147,708.93 EASTING:324,836.10	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	03/08/00	09/06/00	03/21/01	09/04/01	03/06/02	09/04/02	03/05/03	09/15/03	3/9/2004	9/15/2004	3/1/2005	12/17/2005	3/2/2006	9/5/2006
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	13	13	8	12.2	13.9
pH (Std. Units)		7.6	6.1	7.4	7.5	7.3	6.7	6.8	6.7	8.8	7.6	7.5	7.39	7.74	7.44
Cond. (umho/cm)		460	480	380	780	580	580	580	500	460	420	440	440	450	572
TDS															
MAJOR IONS mg/l:															
Alk - CaCO3		109	109	108	110	110	111	110	110	110	108	107	108	118	115
Bicarbonate (HCO3)		132	132	132	134	134	135	134	134	134	132	131	131	143	140
Calcium (Ca)		87.5	91.5	95.9	89.7	96.9	90.8	82.5	93.8	92.9	93.1	92.7	95.3	89.4	90.7
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		8.1	9.3	9	12.4	11.9	10.2	5.7	4	9.8	7	8	7	6	5
Fluoride (F)		0.16	0.18	0.19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
Magnesium (Mg)		4.8	4.8	5.1	4.96	4.9	4.8	4.3	5	4.9	4.9	4.8	5.2	4.8	4.4
Nitrate - N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	3.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		2.9	3.2	3	2.71	2.9	2.7	3.4	14.8	2.9	2.7	2.9	2.9	2.6	2.8
Silica (SiO2)		14.5	13.6	14.6	14.4	15.4	14.3	12.4	38.9	15.3	14	14	16	15	15
Sodium (Na)		39.2	37.1	40.6	37.9	38.8	38	36.3	203	40	39.4	38.7	37.4	38.7	38.9
Sulfate (SO4)		198	203	206	186	217	197	182	-0.1	204	203	198	207	194	200
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond. (umho/cm)		637	627	632	629	627	612	626	660	637	613	649	635	620	669
pH	GPS (6.8)	8.1	8.02	7.82	8.1	7.9	7.99	7.77	8	7.87	7.56	8.01	8.12	8.23	8.09
TDS @ 180 C.	GPS (500)	427	424	437	427	433	445	404	429	461	431	417	419	412	406
METALS-DISSOLVED mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.002	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.07	-0.1	-0.1	0.137	0.068	-0.05	-0.05	-0.05	0.057	0.057	0.08	-0.05	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.04	0.04	0.04	0.068	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	0.031	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	0.002	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	1.86	0.02	0.035	0.05	0.03	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	0.8	1.48	0.7	0.61607	1.1	3	1.2	2	1.7	1.7	2.1	0.5	0.5	0.7
Radium 226		0.9	1.5	0.8	1.1	1	1.6	1.8	1.5	1.6	1.6	1.9	0.8	1.6	1.2
Radium Precision +/-		0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.2	0.5	0.5	0.5	0.5	1.1	0.4
Radium 228		5	2.5	4.4	-1	7.1	-1	2.9	1.4	-1	-1	-1	-1	-1	-1
Radium Precision +/-		0.5	0.1	1		1		1	1						
Comb. Ra226/228	GPS (5.8)	5.9	4	5.2	1.1	8.1	1.6	4.7	2.9	1.6	1.6	1.9	0.8	1.6	1.2
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-															
Lead (Pb210)	GPS (8.9)	4.2	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-		2													
Gross Alpha	GPS (15)	2.6	-1	3.5	1.9	4.5	2.3	1.2	3	1.3	1.3	2.5	-1	1	1.1
Gross Alpha Precision +/-		1.3		1.5	1	2.1	1.2	1	1	1	1	1.7		0.8	0.4
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		1.01	0.98	0.99	1.03	0.95	1.04	1.02	0.99	1.1	1.1	0.98	0.96	0.98	0.95
(LAB: Energy Labs Inc. unless noted.)															

Red = Revised

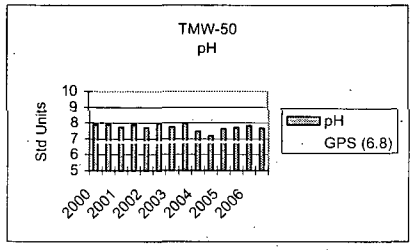


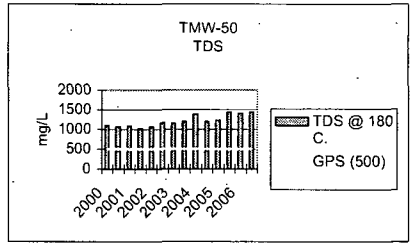


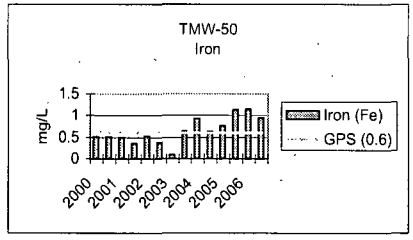


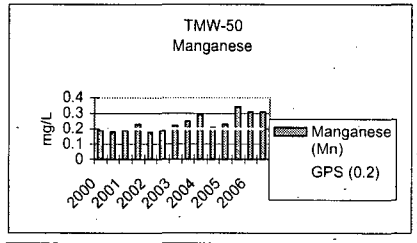


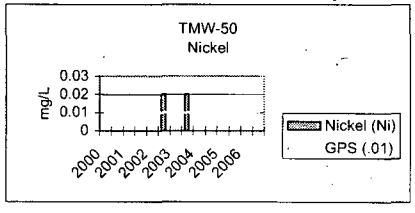
KENNECOTT URANIUM COMPANY															
TMW-50															
NORTHING: 148,198.81	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 324,697.71	Protection														
ND = Non-detectable	Standard	3/8/00	9/6/00	3/21/01	9/4/01	3/6/02	9/4/02	3/5/03	9/15/03	3/9/04	9/15/04	3/1/04	12/16/05	3/2/06	9/5/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	13	14	9.2	9.3	12.8
pH (Std. Units)		7.1	6.8	7.2	7.3	7.2	6.9	7.1	6.7	7.6	7.4	7.1	7.09	7.17	7.04
Cond. (umho/cm)		940	1020	760	1060	1300	1060	1060	980	1020	820	900	1040	1140	1580
TDS															
MAJOR IONS mg/l:															
Alk. - CaCO3		191	188	184	181	184	191	194	194	217	188	195	232	235	230
Bicarbonate (HCO3)		233	229	224	221	224	232	237	236	265	229	238	284	287	281
Calcium (Ca)		229	247	253	230	263	258	223	278	311	282	292	354	330	325
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		33.2	29.1	30.2	28.2	35.4	31.8	24.2	30.3	43.1	30	36	32	36	36
Fluoride (F)		0.11	0.12	0.13	0.1	0.1	-0.1	0.1	0.1	-0.1	0.2	0.1	0.1	0.1	-0.1
Magnesium (Mg)		17.1	18	18.5	17.1	18.7	19.1	16	21.2	27.1	20	22.1	31.8	29.9	27.5
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		5.1	4.6	4.5	3.9	4.4	4.3	4.7	4.9	5	4.3	4.8	4.9	4.8	4.8
Silica (SiO2)		15.6	15.6	16.9	16.2	17.9	16.7	13.8	17.6	19	17	16	19	19	18
Sodium (Na)		53.4	52.5	56.5	51.7	56.6	55.9	49.4	58.3	60.6	58.6	59.1	63.6	64.2	60.6
Sulfate (SO4)		524	555	556	480	613	580	522	627	728	616	645	798	761	802
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond. (umho/cm)		1430	1390	1370	1320	1370	1430	1460	1610	1690	1420	1620	1800	1740	1810
pH	GPS (6.8)	7.91	7.9	7.72	7.9	7.7	7.98	7.74	7.95	7.48	7.17	7.63	7.69	7.82	7.66
TDS @ 180 C.	GPS (500)	1100	1070	1080	1020	1070	1160	1150	1200	1390	1190	1230	1440	1410	1430
METALS-DISSOLVED mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	0.001	-0.001	-0.001	-0.001	0.002	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.51	0.51	0.5	0.35	0.523	0.369	0.092	0.632	0.932	0.64	0.76	1.13	1.14	0.94
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.19	0.18	0.19	0.23	0.18	0.19	0.22	0.25	0.29	0.21	0.23	0.34	0.31	0.31
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	0.02	-0.01	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	0.003	0.001	-0.001	-0.001	-0.001	0.001	0.005	0.001	-0.001	0.001	-0.001	0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V205)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.01	0.03	-0.01	0.056	0.03	0.01	0.02	0.01	0.01	0.02	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	2.2	2.5	2.5	2.3018	2.3	2.7	2.7	2.5	3.3	2.5	2.7	2.8	3.4	3.4
Radium 226		2.9	4.2	2.5	3.1	2.7	2.6	3.3	3	4.1	2.2	4	2.4	3.7	2.2
Radium Precision +/-		0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	1	0.7	0.7	0.7	1.2	0.5
Radium 228		7.7	7	7.8	8.7	7.3	4.5	7.3	3.4	4.7	3.3	4.2	5.9	2.6	5.2
Radium Precision +/-		0.6	0.6	1.1	1.4	1	1	1.1	1	1.3	1.7	1	1.2	0.9	0.9
Comb. Ra226/228	GPS (5.8)	10.6	11.2	10.3	11.8	10	7.1	10.6	6.4	8.8	5.5	8.2	8.3	6.3	7.4
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-					0.2										
Lead (Pb210)	GPS (8.9)	6.8	-1	-1	4.8	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-		2.1			1										
Gross Alpha	GPS (15)	8.6	3.8	6.1	3.6	6.3	4.5	4	6.1	4.1	4.3	8.7	3	2.4	2.2
Gross Alpha Precision +/-		1.1	1.1	1.8	1.2	2.5	1.4	1	1.4	1.1	1.3	1.3	1.4	1.1	0.5
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		1.11	1.03	1.03	1.09	0.94	1.07	1.18	1.03	1.06	1.04	1.03	1	1.01	1.01
(LAB: Energy Labs Inc. unless noted.)															

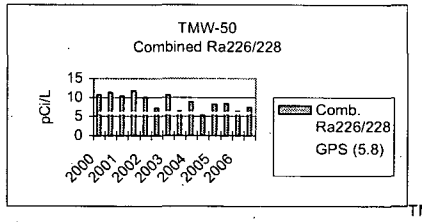




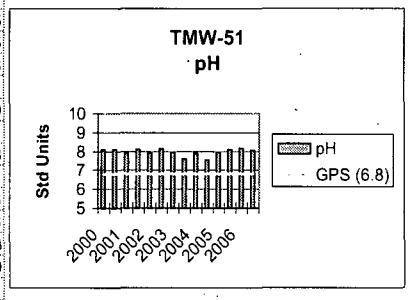


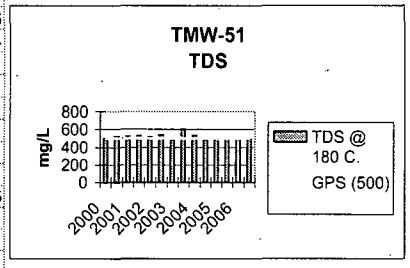


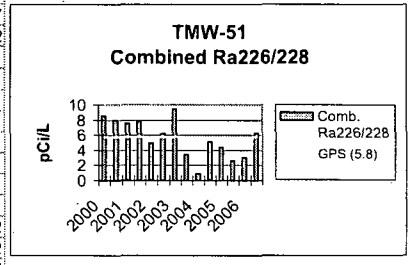




KENNECOTT URANIUM COMPANY															
TMW-51															
NORTHING: 147,995.26 EASTING: 324,449.18	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	03/08/00	09/06/00	03/21/01	09/04/01	03/12/02	09/04/02	03/05/03	09/15/03	03/11/04	09/14/04	03/02/05	12/16/05	03/02/06	09/06/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	14	14	9.8	10.6	12.1
pH (Std. Units)		7.2	6.5	7.4	7.5	7.1	6.8	6.8	6.8	7.5	7.3	7.1	7.53	7.56	7.35
Cond. (umho/cm)		540	600	520	640	1300	660	660	640	560	500	500	510	540	700
TDS															
MAJOR IONS mg/l:															
Alk - CaCO3		126	125	126	129	127	127	128	126	125	125	125	125	130	135
Bicarbonate (HCO3)		153	152	153	157	155	155	156	153	153	152	152	152	159	165
Calcium (Ca)		102	116	117	110	120	112	106	115	113	114	114	116	114	113
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		11.9	12	10	13.1	13.5	8.5	6	10.1	12.3	8	9	6	11	10
Fluoride (F)		0.17	0.16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
Magnesium (Mg)		7.8	8.5	8.7	8.5	8.6	8.2	7.7	8.7	8.5	8.4	8.4	9	8.6	8.3
Nitrate - N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		3.5	3.5	3.4	2.7	3.2	3	3.6	3.47	3.8	2.9	3.4	3.1	3	3
Silica (SiO2)		13.8	13.5	14.4	14	15.3	14.1	12.9	14.8	14.5	14	15	16	16	16
Sodium (Na)		38	37.5	40.2	37.1	39.7	38.6	38.2	39.3	40.9	40	39.9	38.1	39.2	37.8
Sulfate (SO4)		230	258	249	230	272	243	232	251	246	248	246	250	241	259
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond. (umho/cm)		734	758	743	745	730	718	741	747	746	714	767	740	731	777
pH	GPS (6.8)	8.1	8.08	7.89	8.1	7.9	8.12	7.96	7.6	7.88	7.53	7.94	8.08	8.15	8.06
TDS @ 180 C.	GPS (500)	496	523	522	527	517	536	500	600	526	492	505	506	492	494
METALS-DISSOLVED mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.002	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.14	0.14	0.12	0.11	0.142	-0.05	-0.05	0.097	0.134	0.15	0.1	-0.05	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.06	0.08	0.07	0.091	0.07	0.07	0.07	0.08	0.07	0.07	0.07	0.07	0.07	0.07
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	0.5	-0.01	0.037	-0.01	-0.01	0.01	0.03	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	1.7	3.25	2.2	1.8956	1.8	2	2.2	1.6	1.8	2.3	2.2	1.8	2	2
Radium 226		1.4	2.1	1.2	2	2	2.3	2.2	1.8	0.9	1.8	2.4	1.3	1.6	2
Radium Precision +/-		0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.5	0.6	0.6	0.5	1	0.5
Radium 228		7.1	5.9	6.2	5.8	3	3.9	7.2	1.6	-1	3.3	2	1.3	1.4	4.3
Radium Precision +/-		0.6	0.6	1	1.3	1	1	1.1	1		1.7	0.9	1.1	0.9	1.1
Comb. Ra226/228	GPS (5.8)	8.5	8	7.6	7.8	5	6.2	9.4	3.4	0.9	5.1	4.4	2.6	3	6.3
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-															
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	4	1.8	3.5	2.5	3.5	1.7	1.8	3.8	2.1	1.9	4.1	1.2	1.9	1.4
Gross Alpha Precision +/-		1.5	0.9	1.5	1.1	1.9	1.1	1	1.1	1	1	1	1.2	1	0.5
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		1.02	0.99	1	1.07	0.94	1.06	1.03	1.19	1.05	0.96	0.99	0.98	0.96	0.94
(LAB: Energy Labs Inc. unless noted.)															

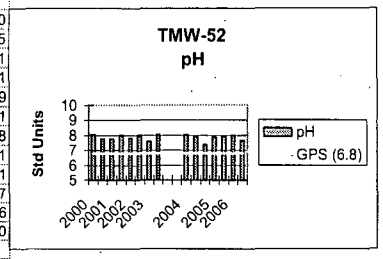


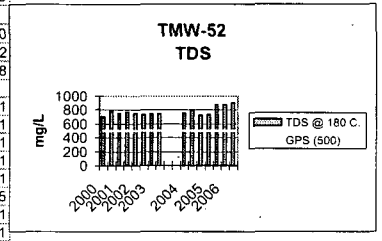


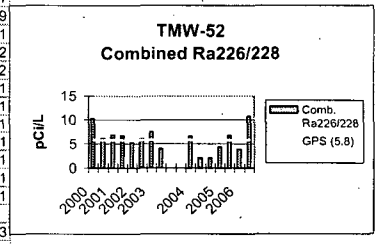


KENNECOTT URANIUM COMPANY																		
TMW-52																		
NORTHING: 148,316.56 EASTING: 324,221.64	Groundwater Protection	2000		2001		2002		2003				2004			2005		2006	
ND = Non-detectable	Standard	3/9/00	9/6/00	3/21/01	9/4/01	3/7/02	9/4/02	3/5/03	9/15/03	10/22/03	11/10/03	1/13/04	3/11/04	9/14/04	3/2/05	12/16/05	3/1/06	9/6/06
FIELD DATA mg/l:	(GPS)																	
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	8	8	8	14	13	9.6	9.9	14.2
pH (Std. Units)		7.2	6.4	7.3	7.3	7.2	7.2	6.8	6.8	6.9	6.6	8.3	7.2	7.3	7.1	7.23	7.43	7.31
Cond. (umho/cm)		680	800	660	880	860	780	860	800	780	780	800	700	660	680	760	740	1100
TDS																		
MAJOR IONS mg/l:																		
Alk - CaCO3		153	153	153	158	155	150	156	150			153	154	147	147	152	158	160
Bicarbonate (HCO3)		186	186	187	193	188	183	190	183			187	188	179	180	186	192	195
Calcium (Ca)		151	177	172	160	187	156	154	161			206	172	164	167	210	203	201
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1			-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		15.3	17.6	18.1	17.1	18.9	15.8	12.2	18.7			15.1	15.9	13	15	16	19	19
Fluoride (F)		0.16	0.15	0.18	0.2	0.1	0.2	0.2	0.2			0.1	0.2	0.2	0.2	0.1	0.1	-0.1
Magnesium (Mg)		11.5	12.2	12.5	12.3	12.9	11.4	10.8	11.1			14.4	12.7	11.8	12	14.6	13.7	12.8
Nitrate - N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1			-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		4	4.3	4.1	3.4	3.9	3.5	4.2	3.8			7.9	3.8	3.5	4.1	4.1	4	4.1
Silica (SiO2)							13.9	12.9	14.7			16.5	15.2	14	15	17	17	17
Sodium (Na)		48	48.1	50	47.5	50.9	47.7	46.4	45.7			54.8	53.4	49.6	49.5	51.7	53.5	54.6
Sulfate (SO4)		355	406	385	350	392	358	352	363			471	398	369	371	480	464	480
NON-METALS:																		
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005			-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:																		
Cond. (umho/cm)		1000	1070	1020	1040	1020	967	1030	1080			1050	1060	973	1030	1180	1150	1240
pH	GPS (6.8)	8.05	7.79	7.79	8	7.8	7.97	7.6	8.05			8.05	7.92	7.38	7.86	7.91	8.01	7.62
TDS @ 180 C.	GPS (500)	704	781	748	771	753	730	744	739			754	786	720	732	875	872	898
METALS-DISSOLVED mg/l:																		
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.1			-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.002			-0.002	-0.002	-0.001	-0.002	-0.002	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1			-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1			-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005			-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.001			-0.001	-0.001	-0.01	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.41	0.54	0.54	0.35	0.46	0.222	-0.05	0.411			0.459	0.409	0.44	0.31	0.22	0.18	0.19
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.09	0.11	0.1	0.13	0.1	0.09	0.09	0.11			0.1	0.1	0.1	0.09	0.12	0.11	0.12
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	0.0003	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.005			-0.005	-0.005	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1			-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	0.08	-0.01	-0.01	-0.01	0.01	-0.01	0.02			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:																		
Uranium, natural	GPS (36)	4.6	4.67	5.9	4.9421	5.2	5.8	4.8	4.8			6.3	6.2	6.2	5.2	3.5	3.9	3.3
Radium 226		1.3	2.1	1.9	2.3	2.3	2.1	2.5	1.8			3.7	2.1	2.1	2.3	2.6	2.3	2.8
Radium Precision +/-		0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2			0.7	0.6	0.7	0.6	0.7	1.1	0.6
Radium 228		8.4	3.9	4.9	4.4	3	3.9	4.9	2.2			2.8		-1	2.1	4.1	1.5	8
Radium Precision +/-		0.6	0.2	1	1.3	1	1	1	1			0.9			0.9	1.1	0.9	1.2
Comb. Ra226/228	GPS (5.8)	10.2	6	6.8	6.7	5.3	6	7.4	4			6.5	2.1	2.1	4.4	6.7	3.8	10.8
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2			-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-																		
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7			-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-																		
Gross Alpha	GPS (15)	4.9	2.5	2.9	1.7	3.8	2	3.8	3			3.3	2.5	2.6	3	2.6	3.6	2.3
Gross Alpha Precision +/-		1.7	0.9	1.4	1	1.9	1.1	1	1			1.3	1	1.1	1.7	1.4	1.3	0.5
QUALITY ASSURANCE DATA:																		
TDS A/C Balance (dec. %)		1.02	1.01	1	1.1	0.96	1.04	1.08	1.03			0.88	1.05	1.01	1.01	0.99	1	1.02
(LAB: Energy Labs Inc. unless noted.)																		

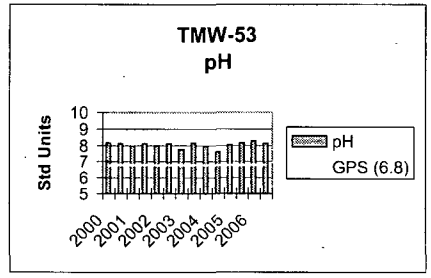
ORGANICS:			
Diesel Range Organics (mg/L)	ND	ND	ND
Gasoline Range Organics (mg/L)	ND	ND	ND
1,1,1-Trichloroethane (ug/L)	ND	ND	ND
Naphthalene (ug/L)	3.8	ND	ND

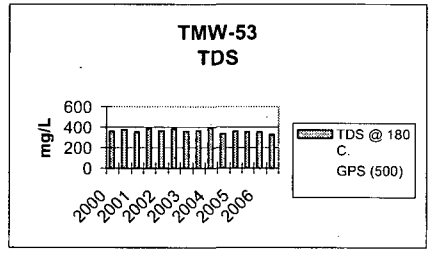


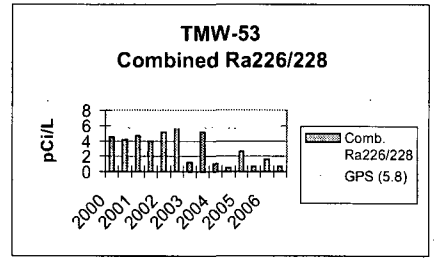




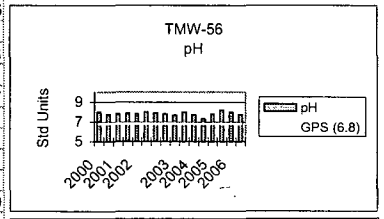
KENNECOTT URANIUM COMPANY															
TMW-53															
NORTHING: 147,849.28	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 323,913.72	Protection														
ND = Non-detectable	Standard	3/9/00	9/6/00	3/22/01	9/4/01	3/7/02	9/5/02	3/5/03	9/17/03	3/9/04	9/14/04	3/2/05	12/16/05	3/1/06	9/5/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	14	13	6.3	9.8	13.6
pH (Std. Units)		7.4	6.9	7.5	7.4	7.3	6.9	6.9	6.7	7.3	7.9	7.1	7.53	7.57	7.36
Cond (umho/cm)		400	460	360	500	480	480	520	500	440	380	400	430	420	507
TDS															
MAJOR IONS mg/l:															
Alk-CaC03		104	105	102	105	103	105	104	101	102	103	99	100	105	110
Bicarbonate (HCO3)		126	127	124	128	126	128	127	123	124	125	121	122	128	134
Calcium (Ca)		68.3	77.1	76.4	69.3	81.6	73.6	71.5	74.8	80	72.7	73.7	75.8	72.2	70.3
Carbonate (CO3)		-0.1	-0.1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		6.8	7.7	9.3	11.5	11	7.1	1.1	10	10.5	5	6	5	7	5
Fluoride (F)		0.16	0.15	0.18	0.2	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2	-0.1
Magnesium (Mg)		3.3	3.6	3.6	3.4	3.6	3.4	3.3	3.4	3.7	3.4	3.4	3.7	3.4	3.1
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		3	2.8	2.4	2.1	2.7	2.4	3.2	2.4	2.8	2.3	3.1	2.5	2.3	2.5
Silica (SiO2)		13.3	13.5	13.5	13.4	15	13.8	12.9	14.4	15.6	14	15	16	15	15
Sodium (Na)		39.6	40.3	43.2	39	41.5	40.3	40.5	39.9	39.7	41.1	40.6	39.6	42	39.9
Sulfate (SO4)		160	178	169	150	170	165	160	163	169	160	162	170	157	162
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		566	571	562	556	551	543	557	567	557	535	560	556	543	592
pH	GPS (6.8)	8.14	8.1	7.95	8.1	8	8.1	7.75	8.14	7.96	7.6	8.04	8.15	8.27	8.11
TDS @ 180 C.	GPS (500)	360	377	353	386	364	384	355	366	394	333	355	354	354	330
METALS-DISSOLVED mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	0.001	0.002	0.0017	0.001	0.002	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.04	0.08	-0.01	-0.1	-0.1	-0.1	-0.1	0.083	0.308	0.12	0.1	-0.05	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.04	0.05	0.04	0.046	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V205)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	0.04	-0.01	-0.01	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	0.7	0.542	0.4	0.32496	0.7	0.6	0.4	0.8	0.5	1.6	0.5	0.4	0.7	0.9
Radium 226		0.4	1.3	0.9	1.1	1.2	1.1	1.2	0.9	1	0.5	1.3	0.7	1.6	0.7
Radium Precision +/-		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.5	0.4	1	0.3
Radium 228		4.1	2.8	3.7	2.9	3.9	4.8	-1	4.2	-1	-1	1.3	-1	-1	-1
Radium Precision +/-		0.2	0.1	1.2	1.2	1	1		1.3			0.9			
Comb. Ra226/228	GPS (5.8)	4.5	4.1	4.6	4	5.1	5.9	1.2	5.1	1	0.5	2.6	0.7	1.6	0.7
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2		-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-															
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	3	1	-1	1.3	3.2	2.2	-1	2.6	1.4	1.7	-1	-1	1.1	-1
Gross Alpha Precision +/-		1.4	0.8		1	1.8	1.1		1	1	1			0.8	
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		1	0.97	0.93	1.09	0.93	1.03	0.99	0.98	1.07	0.92	0.98	0.95	0.98	0.91

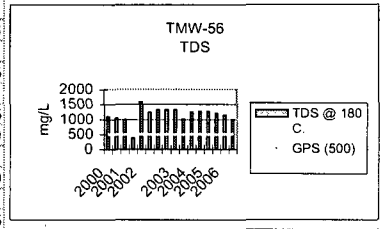


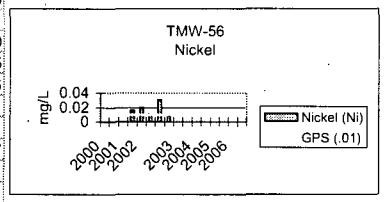


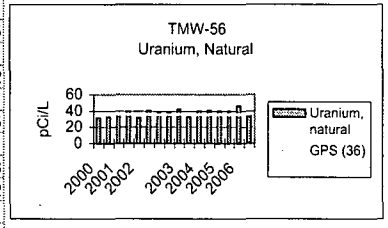


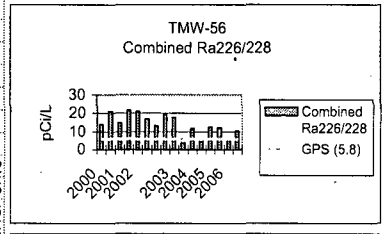
KENNECOTT URANIUM COMPANY																	
TMW-56																	
NORTHING: 149,105.02	Groundwater	2000		2001		2002				2003		2004		2005		2006	
EASTING: 324,418.67	Protection																
ND = Non-detectable	Standard	3/9/00	9/7/00	3/22/01	9/4/01	3/12/02	7/23/02	9/5/02	10/10/02	3/5/03	9/17/03	3/11/04	9/15/04	3/2/05	12/22/05	3/2/06	9/11/06
FIELD DATA mg/l:	(GPS)																
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	8	8	11	12	9.1	11.2	13.3
pH (Std. Units)		7.2	6.9	7.3	7.4	7.2	6.8	6.8	6.7	6.8	6.7	7.4	7.5	6.7	7.39	7.43	7.21
Cond. (umho/cm)		900	124	760	1220	640	640	1040	1180	1080	860	920	800	980	970	940	1217
TDS																	
MAJOR IONS mg/l:																	
Alk - CaCO3		99	97	97	92	92	78	92	92	92	94	91.9	92	90	90	100	91
Bicarbonate (HCO3)		120	118	118	112	112	94.6	112	112	112	115	112	113	110	110	122	111
Calcium (Ca)		221	218	220	320	364	226	275	307	260	231	267	280	283	239	256	229
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-14	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		23	27.9	6.1	45.2	56.2	39.3	41.2	53.7	38.3	31.8	40.9	35	46	46	43	36
Fluoride (F)		0.12	0.11	0.14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
Magnesium (Mg)		17.6	17.6	17.7	24.3	27.5	20.3	21.1	22.2	19.7	17.6	21.1	21.1	22	19	21.3	18.5
Nitrate - N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		5.4	4.5	4.4	5.5	5.7	4.8	5	5.7	5.1	4.4	5.8	4.7	5.5	4.6	4.6	4.5
Silica (SiO2)		8.2	9.1	8.6	9.4	11.1	7.8	9	9.4	8.1	9.8	9.1	9	9	10	10	10
Sodium (Na)		52.8	51.6	53.6	56.2	66.9	57.3	58.9	61.1	57.5	52.4	59.6	59.9	59.4	50.4	58.8	56.1
Sulfate (SO4)		585	545	570	853	965	634	728	740	683	584	691	705	716	683	651	609
NON-METALS:																	
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:																	
Cond. (umho/cm)		1400	1320	1280	1810	1860	1480	1580	1640	1630	1320	1530	1450	1600	1510	1450	1410
pH	GPS (6.8)	8.01	7.76	7.81	7.9	7.8	7.99	7.92	7.82	7.7	8.01	7.77	7.33	7.81	8.17	7.97	7.75
TDS @ 180 C.	GPS (500)	1090	1030	982	380	1580	1230	1320	1310	1310	1020	1240	1250	1260	1200	1130	996
METALS-DISSOLVED mg/l:																	
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.022	0.028	0.025	0.022	0.019	0.016	0.019	0.017	0.017	0.02	0.02	0.021	0.02	0.022	0.016	0.017
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.002	0.002	0.002	0.003	0.003	0.002	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.11	-0.1	-0.1	0.13	0.15	-0.1	-0.1	-0.1	-0.1	0.094	0.093	0.12	0.13	0.13	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.11	0.11	0.1	0.27	0.18	0.14	0.13	0.14	0.14	0.11	0.14	0.14	0.14	0.14	0.13	0.13
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	0.016	0.02	0.01	0.03	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.002	0.001	-0.001	0.002	-0.001	-0.001	-0.001	0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	0.03	-0.01	-0.01	0.01	0.08	-0.01	0.01	0.07	-0.01	0.01	-0.01	-0.01	0.03	-0.01	-0.01
RADIOMETRIC pCi/l:																	
Uranium, natural	GPS (36)	31.7	32.8	35.6	39.3337	31.6	40.8	37.7	37.1	42.1	32.6	39.4	40.9	39.8	39.4	45.9	34.2
Radium 226		4.2	5.3	4.7	7.8	6.3	3.9	4.6	5.4	5.4	3.5	4.1	2.4	5.9	3.6	3.6	2.5
Radium Precision +/-		0.4	0.4	0.4	0.5	0.7	0.3	0.4	0.4	0.6	0.4	0.8	0.7	0.9	0.7	1.3	0.6
Radium 228		9.8	15.5	10	13.9	14.5	12.9	8.7	13.9	12.1	-1	7.7	3.2	6.5	8.4	2.6	7.6
Radium Precision +/-		0.6	1	1.4	1.6	1	2.2	1	1.3	1.2		1.5	1.7	1	1.2	0.9	1
Combined Ra226/228	GPS (5.8)	14	20.8	14.7	21.7	20.8	16.8	13.3	19.3	17.5	3.5	11.8	5.6	12.4	12	6.2	10.1
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-																	
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-																	
Gross Alpha	GPS (15)	14.6	5.5	3.2	4	9.2	4.5	6.5	5.4	6.3	7	6	6	15.9	7.3	5.5	3.4
Gross Alpha Precision +/-	—	1.4	1.2	1.2	1.2	1.8	1	1	1	1.2	1.5	1.2	1.4	1.6	1.5	1.5	0.6
QUALITY ASSURANCE DATA:																	
TDS A/C Balance (dec. %)		1.12	1.1	1.04	0.28	1.01	1.18	1.04	1.1	1.16	1.03	1.09	1.07	1.06	1.08	1.03	0.98
(LAB: Energy Labs Inc. unless noted.)					Red = Revised Result												

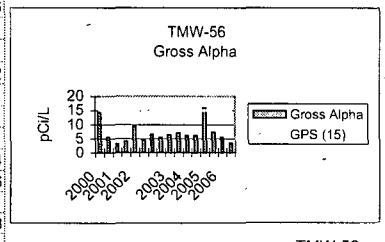






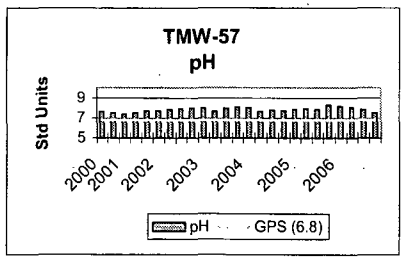


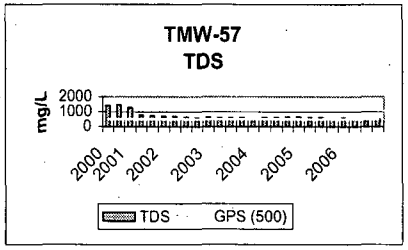


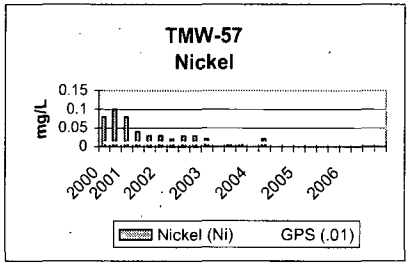


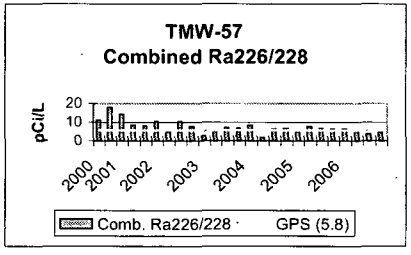
KENNECOTT URANIUM COMPANY																				
TMW-57																				
NORTHING: 149,296.82	Groundwater	2000		2001			2002				2003				2004				2005	
EASTING: 324,590.47	Protection																			
ND = Non-detectable	Standard	03/09/00	09/07/00	03/26/01	07/02/01	10/02/01	01/08/02	04/08/02	07/10/02	10/03/02	01/07/03	04/07/03	07/09/03	10/16/03	1/5/2004	4/5/2004	7/12/2004	10/7/2004	1/5/2005	4/6/2005
FIELD DATA mg/l:	(GPS)																			
Temperature (C)	as of 5/26/05	8	8	8	10	10	8	8	20	8	8	8	10	12	6	14	20	12	8	13
pH (Std. Units)		6.7	6.7	6.8	6.9	6.8	6.8	6.7	6.7	6.5	6.6	7.1	6.7	6.7	6.9	6.8	7.1	6.9	6.7	6.8
Cond. (umho/cm)		1060	1520	820	940	860	900	800	800	760	840	760	660	700	700	680	720	580	840	620
TDS																				
MAJOR IONS mg/l:																				
Alk - CaCO3		118	121	114	107	105	105	105	106	105	107	106	106	108	107	106	108	109	122	107
Bicarbonate (HCO3)		143	148	139	129	128	128	127	129	127	131	129	129	132	131	129	132	133	149	131
Calcium (Ca)		278	300	274	153	150	166	151	136	133	103	122	125	126	135	134	130	140	129	128
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		14.5	17.9	15.6	23.6	18	16.4	19.4	10.8	17.8	15.8	14.6	11.8	10.6	9.4	14	15	17	13	15
Fluoride (F)		0.19	0.16	0.16	0.17	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1
Magnesium (Mg)		37.9	41.8	35	16.6	13	13.5	11.7	11.1	11.2	8	9.1	9.4	9.5	9.9	10.2	10	10.2	9.6	8.8
Nitrate - N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		5.9	5.7	5.3	4.2	3.2	3.7	3.6	3.7	3.3	4.4	3.7	3.7	3.4	3.2	3.9	3	3.4	3.2	3.5
Silica (SiO2)		7	6	7.5	10.4	11	12.1	11.8	11.8	16	9.1	12.2	12	13.8	14	13.5	14	15	15	14
Sodium (Na)		41.8	37.6	42	39.3	37	40.9	40.9	42	42.4	36.7	42.1	44	38.9	41	41.5	43	46	42.3	38.2
Sulfate (SO4)		773	784	737	385	350	403	377	341	334	257	304	303	321	315	320	316	329	312	316
NON-METALS:																				
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:																				
Cond. (umho/cm)		1710	1720	1560	1060	964	938	908	896	868	880	817	855	855	844	849	816	842	846	866
pH	GPS (6.8)	7.62	7.52	7.37	7.5	7.7	7.7	7.82	7.88	7.97	7.93	7.6	7.97	8.07	7.99	7.66	7.77	7.72	7.85	7.87
TDS @ 180 C.	GPS (500)	1420	1440	1280	767	707	672	662	641	603	633	600	581	587	554	581	610	618	648	578
METALS-DISSOLVED mg/l:																				
Aluminum (Al)	GPS (1.8)	-0.1	0.14	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.078	0.086	0.063	0.034	0.021	0.015	0.014	0.01	0.013	0.015	0.005	0.007	0.009	0.007	0.01	0.005	0.005	0.007	0.004
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	9.16	8.87	7.47	2.08	0.8	0.796	0.638	0.262	-0.05	0.297	0.136	-0.01	0.206	-0.05	0.442	-0.05	-0.05	0.11	0.09
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.98	1.08	0.91	0.41	0.3	0.22	0.19	0.16	0.19	0.22	0.11	0.11	0.13	0.13	0.15	0.12	0.13	0.12	0.1
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	0.08	0.1	0.08	0.04	0.03	0.03	0.02	0.03	0.03	0.02	-0.01	0.01	0.01	-0.01	0.02	-0.05	-0.05	-0.05	-0.05
Selenium (Se)	GPS (.01)	-0.001	-0.001	0.002	0.002	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.03	0.03	0.06	0.03	0.043	0.02	0.02	0.01	0.12	0.02	-0.01	-0.01	-0.01	-0.01	0.02	0.05	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:																				
Uranium, natural	GPS (36)	39.3	51.9	40.8	15.9	13.54	10.7643	10.3581	8.3948	2.4	8.9	5.7	5.8	6.5	5.9	6.6	4.8	4.9	4.5	4.5
Radium 226		3.5	5.4	4.7	2.2	3.4	2.4	1.9	2.7	2.6	2.8	1.9	1.6	2.2	2	1.6	2.6	1.9	1.8	2.1
Radium Precision +/-		0.4	0.4	0.4	0.3	0.4	0.2	0.3	0.3	0.3	0.4	0.3	0.2	0.3	0.5	0.4	0.6	0.5	0.5	0.6
Radium 228		7.6	12.6	9.7	6.2	4.7	8	3.1	7.8	5	-1	3.8	5.5	4.6	6.5	-1	3.7	4.9	3.9	5.7
Radium Precision +/-		0.6	1	1.4	1	1.1	1	1	1.3	1.2		1.6	1.8	1.2	1.2		1.4	1.1	1	1
Combined Ra226/228	GPS (5.8)	11.1	18	14.4	8.4	8.1	10.4	5	10.5	7.6	2.8	5.7	7.1	6.8	8.5	1.6	6.3	6.8	5.7	7.8
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-																				
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1
Lead Precision +/-																				
Gross Alpha	GPS (15)	13.1	5.2	4.3	2.4	2.3	4.7	3.7	1.9	3.4	4.3	4.6	-1	3.2	3.5	3	2.1	1.3	2.9	1.6
Gross Alpha Precision +/-		1.3	1.2	1.3	1	1	1.3	1	1	1	1.1	1.5		1.2	1.1	1.2	1	1	1.5	1
QUALITY ASSURANCE DATA:																				
TDS A/C Balance (dec. %)		1.14	1.13	1.07	1.09	1.1	0.94	0.97	1.03	0.96	1.26	1.04	1.01	1.02	0.96	0.99	1.02	0.99	1.09	0.98
(LAB: Energy Labs Inc. unless noted.)																			TMW-57	

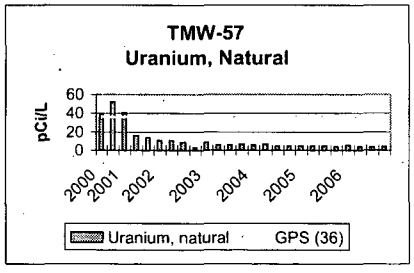
KENNECOTT URANIUM COMPANY							
TMW-57							
NORTHING: 149,296.82	Groundwater			2006			
EASTING: 324,590.47	Protection						
ND = Non-detectable	Standard	7/11/2005	11/8/2005	1/11/2006	4/10/2006	7/3/2006	10/5/2006
FIELD DATA mg/l:	(GPS)						
Temperature (C)	as of 5/26/05	19	8.8	9	12.3	17.9	13.8
pH (Std. Units)		6.8	7.06	7.38	7.5	7.39	7.35
Cond. (umho/cm)		600	550	650	540	774	766
TDS							
MAJOR IONS mg/l:							
Alk - CaCO3		109	110	108	115	104	109
Bicarbonate (HCO3)		133	134	131	140	126	132
Calcium (Ca)		132	125	126	123	119	122
Carbonate (CO3)		-1	-1	-1	-1	-1	-1
Chloride (Cl)		13	12	13	15	19	14
Fluoride (F)		0.2	0.2	-0.1	0.2	0.1	0.1
Magnesium (Mg)		9.6	9.2	9.5	8.7	8.2	8.8
Nitrate - N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		3.2	3.1	3.1	3.1	3.2	3.2
Silica (SiO2)		15	15	14	15	16	14
Sodium (Na)		42.4	42.9	41.8	40.3	42.5	41.8
Sulfate (SO4)		306	294	302	287	298	279
NON-METALS:							
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:							
Cond. (umho/cm)		861	828	812	790	806	789
pH	GPS (6.8)	7.79	8.24	8.11	8.03	7.8	7.53
TDS @ 180 C.	GPS (500)	578	563	586	550	564	516
METALS-DISSOLVED mg/l:							
Aluminum (Al)	GPS (1.8)	0.1	-0.1	-0.1	-0.1	0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.004	0.004	0.005	0.002	0.002	0.002
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.4	0.21	0.48	-0.05	0.09	0.06
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.11	0.111	0.11	0.08	0.09	0.09
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.05	-0.05	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	-0.01	-0.01	-0.01	-0.01	0.01
RADIOMETRIC pCi/l:							
Uranium, natural	GPS (36)	4.3	4.1	5.6	4.1	3.4	3.7
Radium 226		2.2	2.3	2.5	1.6	1.5	1.7
Radium Precision +/-		0.6	0.5	0.6	0.5	0.4	0.5
Radium 228		4.4	4.2	3.7	3.9	2.3	2.8
Radium Precision +/-		0.9	1	1	0.9	0.8	1.1
Combined Ra226/228	GPS (5.8)	6.6	6.5	6.2	5.5	3.8	4.5
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-							
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-1
Lead Precision +/-							
Gross Alpha	GPS (15)	5.4	2.7	2.7	3.8	-1	2.4
Gross Alpha Precision +/-		1.9	1.1	1	1.1		0.7
QUALITY ASSURANCE DATA:							
TDS A/C Balance (dec. %)		0.99	0.99	1.02	0.98	0.99	0.94
(LAB: Energy Labs Inc. unless noted.)							





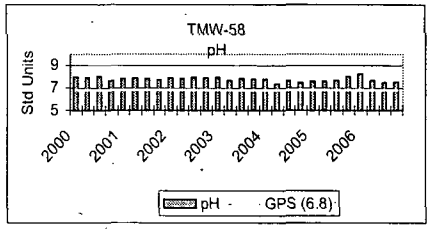


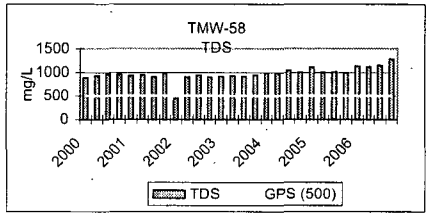


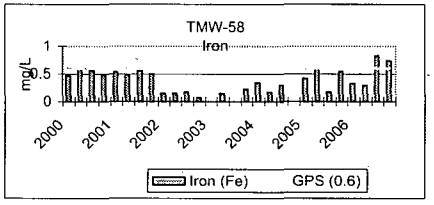


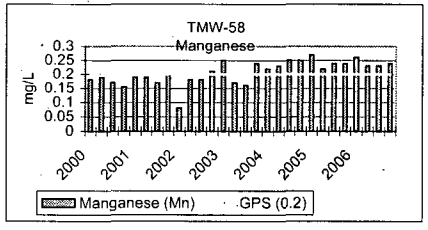
KENNECOTT URANIUM COMPANY																					
TMW-58																					
NORTHING: 148,915.74	Groundwater	2000				2001				2002				2003				2004			2005
EASTING: 324,570.92	Protection																				
ND = Non-detectable	Standard	1/4/00	4/4/00	7/12/00	10/3/00	1/10/01	4/3/01	7/2/01	10/2/01	1/9/02	4/8/02	7/10/02	10/3/02	1/7/03	4/7/03	7/9/03	10/16/03	1/5/04	4/5/04	7/12/04	10/7/04	1/5/05
FIELD DATA mg/l:	(GPS)																				
Temperature (C)	as of 5/26/05	4	12	10	8	6	8	10	8	8	8	25	8	8	8	10	12	6	17	28	12	8
pH (Std. Units)		6.8	6.8	6.5	6.6	6.9	6.9	6.8	6.7	6.8	6.9	6.6	6.5	6.6	6.7	6.5	6.7	6.4	6.4	6.6	6.6	6.5
Cond. (umho/cm)		880	820	760	1140	1160	1600	1140	1060	740	980	1040	980	960	1020	840	860	1040	900	1800	800	1240
TDS																						
MAJOR IONS mg/l:																						
Alk. - CaCO3		165	170	172	169	168	164	169	171	107	160	162	155	152	153	170	148	156	163	158	154	167
Bicarbonate (HCO3)		201	206	209	206	205	199	206	209	130	195	198	188	185	187	207	181	190	199	193	188	204
Calcium (Ca)		176	228	199	198	197	205	188	210	109	212	203	192	197	189	191	206	242	229	228	224	235
Carbonate (CO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		22.1	33.5	25.3	19.06	31.5	23.7	29.2	23	12.4	26.3	20.4	18.4	21.3	24.8	20.2	24.3	51	28.8	29	28	28
Fluoride (F)		0.11	0.13	0.12	0.12	0.12	0.13	0.13	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Magnesium (Mg)		13.8	17.5	15.6	15.6	14.8	16.1	15.1	16	7.8	15.6	16.8	16.4	16.7	15.5	15.5	18.2	24	19.2	20	19.6	20.6
Nitrate - N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		4.2	4.6	4.2	4.81	5.1	4	4.4	3.6	3.1	4.1	4.2	3.7	4	4.6	4.5	4.2	5	5.3	4	4.2	4.3
Silica (SiO2)		13.2	15.8	14.3	12.4	12.8	14.9	14.3	14	12.9	14.6	14.3	16.6	12.9	12.7	12.2	13.9	16	14.2	15	15	15
Sodium (Na)		46.5	52.6	47.6	50.7	46	49.3	49.8	46	36.2	48.8	51.6	47.5	51.7	49.7	50.5	46.6	50	52.2	55	54.9	54.2
Sulfate (SO4)		437	489	415	405.6	469	472	417	450	246	488	486	462	479	459	449	521	573	530	550	523	554
NON-METALS:																						
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:																						
Cond. (umho/cm)		1230	1250	1270	1260	1250	1240	1230	1260	667	1180	1240	1230	1220	1190	1240	1280	1310	1320	1270	1310	1370
pH	GPS (6.8)	7.92	7.89	8	7.62	7.85	7.89	7.81	7.7	7.9	7.85	7.96	7.91	7.92	7.66	7.82	7.75	7.78	7.38	7.62	7.46	7.56
TDS @ 180 C	GPS (500)	889	932	960	950	932	947	902	967	446	902	938	895	916	921	908	946	978	982	1030	992	1100
TRACE METALS mg/l:																						
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.002	-0.002	-0.002	-0.002	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.0014	-0.001	0.002	0.003	0.003	0.003	0.002	0.004	0.004	0.006	0.005	0.006	0.006	0.008
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.47	0.59	0.56	0.48	0.53	0.49	0.56	0.5	0.145	0.149	0.172	0.064	-0.05	0.151	-0.05	0.23	0.34	0.175	0.3	-0.05	0.42
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.18	0.19	0.17	0.1539	0.19	0.19	0.17	0.2	0.08	0.18	0.18	0.21	0.25	0.17	0.16	0.24	0.22	0.23	0.25	0.25	0.27
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	0.0007	-0.0004	-0.0004	-0.0004	-0.0004	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.02	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.02	-0.01	0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	0.001	0.001	0.002	-0.001	-0.001	-0.001	0.002	0.003	0.006	0.004	0.002	0.007	-0.005	0.002	0.003	0.003	0.003	0.003
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.02	0.02	0.05	0.01	0.02	0.09	0.04	0.058	-0.01	0.01	-0.01	0.04	0.01	-0.01	-0.01	-0.01	0.01	0.01	0.01	-0.01	0.01
RADIOMETRIC pCi/l:																						
Uranium, natural	GPS (36)	7.4	7	7.26	7.3	7.51	7.6	7	7.447	6.1607	10.0873	10.4258	13.8	15.4	10.2	9	17.8	15.4	14.9	15.7	14.4	16.5
Radium 226		3.6	3.4	5.1	3.9	3.9	4.4	3.2	4.6	2.6	3.1	4	2.9	4.7	3.4	2.3	3.5	3.2	3	4.5	3.2	2.6
Radium Precision +/-		0.3	0.3	0.4	0.2	0.3	0.4	0.3	0.5	0.2	0.3	0.4	0.3	0.5	0.4	0.3	0.3	0.5	0.6	0.7	0.6	0.6
Radium 228		7.5	8	7.6	9.5	9.5	8.9	11.4	13.9	10.6	5.8	8.7	9.6	-1	6.6	11	-1	4.8	6.4	7.5	5.9	7.8
Radium Precision +/-		0.6	0.7	0.6	0.9	1.5	1.3	1	1.3	1	1	1.3	1.3		1.7	2		1.3	1.5	1.5	1.2	1.1
Combined Ra226/228	GPS (5.8)	11.1	11.4	12.7	13.4	13.4	13.3	14.6	18.5	13.2	8.9	12.7	12.5	4.7	10	13.3	3.5	8	9.4	12	9.1	10.4
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2		-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-																						
Lead (Pb210)	GPS (8.9)	-1	4.6	-1	-1	-1	-1		-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1
Lead Precision +/-			2																			
Gross Alpha	GPS (15)	3.5	5.5	4.7	5.3	5.6	4.8	3.9	6.4	4.2	6.6	2.9	4.2	4.4	8.3	4.2	5.9	5.3	5.6	4.5	2.8	5.4
Gross Alpha Precision +/-		1.1	0.8	1	1	1	1.3	1.1	1.3	1.2	1	1	1	1.1	1.9	1	1.5	1.3	1.4	1.4	1.1	1
QUALITY ASSURANCE DATA:																						
TDS A/C Balance (dec. %)		1.09	0.99	1.16	1.17	1.06	1.07	1.1	1.13	0.92	0.99	1.04	1.05	1.04	1.08	1.07	1.04	0.94	1.02	1.03	1.03	1.09
(LAB: Energy Labs Inc. unless noted.)																						

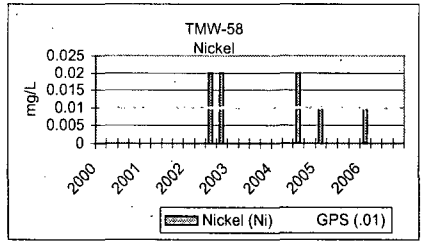
KENNECOTT URANIUM COMPANY								
TMW-58								
NORTHING: 148,915.74	Groundwater				2006			
EASTING: 324,570.92	Protection							
ND = Non-detectable	Standard	4/6/05	7/11/05	11/8/05	1/11/06	4/10/06	7/3/06	10/5/06
FIELD DATA mg/l:	(GPS)							
Temperature (C)	as of 5/26/05	13	23	9.7	8.5	13	23.5	16.2
pH (Std. Units)		6.8	6.5	7.04	6.99	7.26	7	6.99
Cond. (umho/cm)		820	820	840	1020	920	1384	1475
TDS								
MAJOR IONS mg/l:								
Alk. - CaCO3		161	161	165	180	189	192	201
Bicarbonate (HCO3)		197	196	201	220	230	234	246
Calcium (Ca)		227	220	230	238	246	253	277
Carbonate (CO3)		-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		33	35	32	31	40	36	38
Fluoride (F)		0.1	0.1	0.1	-0.1	0.1	0.1	0.1
Magnesium (Mg)		18.2	19.1	20	20.7	22	19.4	22.4
Nitrate - N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		4.4	3.9	4.4	4	4.7	4.4	4.5
Silica (SiO2)		14	14	15	14	17	16	16
Sodium (Na)		45.3	54.8	55.4	54.4	53.2	58.2	60.3
Sulfate (SO4)		561	503	554	549	613	587	615
NON-METALS:								
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:								
Cond. (umho/cm)		1360	1350	1360	1420	1420	1510	1530
pH	GPS (6.8)	7.57	7.66	8.01	8.23	7.67	7.45	7.53
TDS @ 180 C.	GPS (500)	993	1010	1000	1130	1120	1140	1280
TRACE METALS mg/l:								
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.004	0.004	0.004	0.006	0.003	0.002	0.002
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.61	0.17	0.54	0.33	0.3	0.83	0.74
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.22	0.24	0.24	0.26	0.23	0.23	0.24
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	0.001	0.001	0.001	0.001	-0.001	-0.001	0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.02
RADIOMETRIC pCi/l:								
Uranium, natural	GPS (36)	13.2	15.1	13.1	16.2	11.8	11.6	12.4
Radium 226		2.2	6.5	5	3.8	3.2	3	4
Radium Precision +/-		0.6	1.2	0.7	0.7	0.6	0.5	0.7
Radium 228		9.1	12.8	7.5	11.2	6.1	8.5	8.7
Radium Precision +/-		1.1	1.7	1.1	1.1	1	0.9	1.2
Combined Ra226/228	GPS (5.8)	11.3	19.3	12.5	15	9.3	11.5	12.7
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-								
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-1	-1
Lead Precision +/-								
Gross Alpha	GPS (15)	3.5	11.5	8	5	5.5	5.7	5.1
Gross Alpha Precision +/-		1.2	2.5	1.8	1.2	1.2	1.4	0.8
QUALITY ASSURANCE DATA:								
TDS A/C Balance (dec. %)		0.99	1.07	0.99	1.11	1.01	1.05	1.11
(LAB: Energy Labs Inc. unless noted.)								

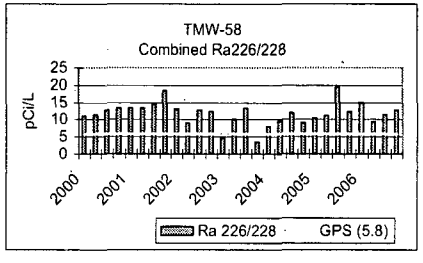






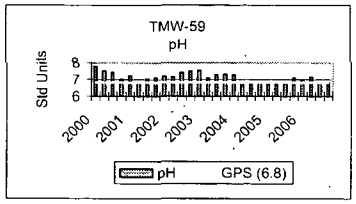


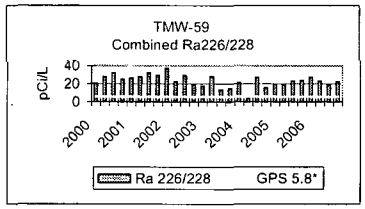


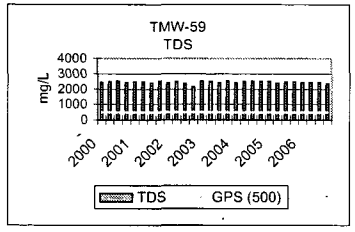


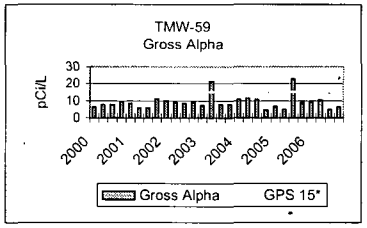
KENNECOTT URANIUM COMPANY																					
TMW-59																					
NORTHING: 148,403.85	Groundwater	2000				2001				2002				2003				2004			
EASTING: 325,013.86	Protection																				
ND = Non-detectable	Standard	01/04/00	04/04/00	07/12/00	10/03/00	01/10/01	04/03/01	07/02/01	10/02/01	01/08/02	04/08/02	07/10/02	10/03/02	01/07/03	04/07/03	07/09/03	10/16/03	01/05/04	04/06/04	07/12/04	10/07/04
FIELD DATA mg/l:	(GPS)																				
Temperature (C)	as of 5/26/05	8	8	8	8	6	8	10	8	8	8	12	8	8	8	8	8	6	11	14	13
pH (Std. Units)		6.4	6.5	6.3	6.3	6.5	6.5	6.5	6.6	6.6	6.6	6.5	6.4	6.5	6.5	6.3	6.3	6.4	6.1	6.8	6.6
Cond. (umho/cm)		1680	1600	1420	2200	2200	2200	2800	1980	2000	1820	1800	1680	1680	1700	1340	1300	1680	1360	1700	1260
TDS																					
MAJOR IONS mg/l:																					
Alk. - CaCO3		282	277	277	277	273	284	263	269	261	259	250	247	249	243	236	244	275	310	244	251
Bicarbonate (HCO3)		343	337	339	339	333	346	320	328	318	316	304	301	304	296	288	298	336	378	297	306
Calcium (Ca)		589	501	476	448	554	618	447	510	530	528	458	527	556	515	534	541	594	564	513	538
Carbonate (CO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		76.1	94.4	85.6	68.6	98.6	85.9	95	93	106	94	81.8	85.5	65.4	84.6	74.9	96.1	132	96.1	91	94
Fluoride (F)		0.1	0.13	0.12	0.13	0.14	0.15	0.15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Magnesium (Mg)		52.2	69.6	58.8	57.6	52.4	55.9	56.9	56	66.9	60.4	60.5	59.4	49.8	64.4	57.3	64.9	86	68.6	69	71.1
Nitrate - N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		7	7.7	5	7.4	7.7	7.4	7.1	7	7.5	7	7	6.3	6.1	6.8	7.9	7.1	8.4	8.2	7	7.5
Silica (SiO2)		15.8	20.6	17.3	15	15.1	17.2	17.7	17	19.1	18	17.2	21.6	13.7	17.4	14.5	18.6	21	18.5	19	20
Sodium (Na)		79.9	95.5	79.1	86.4	75.4	78.2	80.7	72	86.4	86.2	88.4	86.7	76.2	93.1	86.9	85.2	88	95	99	99.6
Sulfate (SO4)		1450	1380	1170	1390	1170	1480	1150	1200	1430	1350	1240	1230	1380	1320	1310	1360	1510	1370	1400	1460
NON-METALS:																					
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	0.005	-0.005
PHYSICAL PROPERTIES:																					
Cond. (umho/cm)		2800	2820	2800	2850	2800	2820	2760	2820	2760	2720	2670	2960	2750	2860	2820	2850	2880	2810	2780	3240
pH	GPS (6.8)	7.78	7.52	7.4	7	7.22	6.87	7.05	7.1	7.2	7.15	7.41	7.48	7.54	7.06	7.26	7.28	7.26	6.67	6.7	6.81
TDS @ 180 C.	GPS (500)	2440	2480	2500	2430	2450	2460	2380	2510	2400	2470	2360	2160	2490	2470	2380	2520	2400	2470	2520	2490
TRACE METALS mg/l:																					
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.11	-0.1	0.11	0.13	0.1	-0.1	0.12	-0.1	0.1	0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.016	0.015	0.016	0.016	0.015	0.015	0.011	0.014	0.014	0.014	0.016	0.014	0.015	0.012	0.13	0.13	0.13	0.13	-0.01	0.013
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	27.1	38.2	32.4	28.8	31	32.4	32.5	33	41.6	37.3	34.5	31.2	28	36.5	34.9	43.5	56	43.5	45.1	38
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	3.44	3.77	2.88	2.52	3.3	3.07	2.46	3.4	3.2	3.11	3.04	3.65	3.83	2.98	3.5	3.45	3.41	3.45	3.7	3.78
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	0.0005	-0.0004	-0.0004	-0.0004	-0.0004	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	0.03	0.02	0.03	-0.01	0.03	0.03	0.02	0.022	0.04	0.03	0.05	0.03	0.02	-0.01	0.03	0.02	0.01	0.02	0.03	0.02
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	0.004	0.003	0.003	-0.001	0.0026	-0.001	0.001	0.001	0.002	0.002	-0.001	0.007	-0.005	-0.005	-0.005	0.003	0.003
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.01	0.01	0.02	0.01	0.03	0.06	0.03	0.018	0.02	0.02	-0.01	0.03	0.03	0.01	-0.01	-0.01	-0.01	-0.01	0.02	-0.01
RADIOMETRIC pCi/l:																					
Uranium, natural	GPS (36)	5.5	5.8	5.53	5.2	5.15	5	5.1	4.3328	4.5359	5.0775	3.5881	4.8	5.7	5.1	3.3	4.9	4.9	4.9	5.1	4.7
Radium 226		4.4	4.6	9.4	5.7	5.4	7.3	5.5	9.1	4.3	5.4	7	3.9	7	6.1	4.8	4.3	5.6	3.6	7	2.9
Radium Precision +/-		0.3	0.3	1	0.5	0.4	0.4	0.4	0.6	0.3	0.4	0.9	0.3	0.6	0.5	0.4	0.4	0.7	0.6	0.9	0.6
Radium 228		15.8	22.9	22	18.8	20.8	20.4	26.4	20.2	32.8	16.6	22.3	15.6	10.5	21.5	8.6	10.3	15.1	-1	19.9	12
Radium Precision +/-		1.5	1.6	1.5	1.1	1.8	1.6	2.2	2.6	2.3	1.6	1.6	1.5	1	2.2	1.9	1.4	1.5		1.8	1.4
Combined Ra226/228	GPS (5.8)	20.2	27.5	31.4	24.5	26.2	27.7	31.9	29.3	37.1	22	29.3	19.5	17.5	27.6	13.4	14.7	20.7	3.6	26.9	14.9
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-																					
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1
Lead Precision +/-																					
Gross Alpha	GPS (15)	6.1	7.7	7.7	9.6	8.3	6	5.7	11	9.7	8.8	8.4	9.3	7.2	21.4	7.7	7.6	10.7	11.2	10.7	4.5
Gross Alpha Precision +/-		1.4	0.9	1	1.3	1.2	1.4	1.3	1.7	1	1	1.1	1.1	1.3	2.9	1.3	1.7	1.8	1	1.1	1.3
QUALITY ASSURANCE DATA:																					
TDS A/C Balance (dec. %)		0.99	1.04	1.19	1.07	1.13	0.96	1.16	1.18	0.98	1.05	1.1	0.98	1.07	1.07	1.04	1.09	0.93	1.03	1.08	1.06

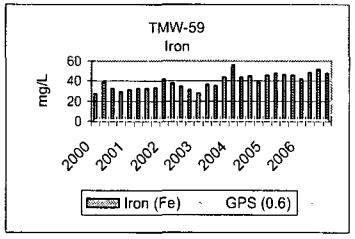
KENNECOTT URANIUM COMPANY									
TMW-59									
NORTHING: 148,403.85	Groundwater	2005				2006			
EASTING: 325,013.86	Protection								
ND = Non-detectable	Standard	01/05/05	04/06/05	07/11/05	11/07/05	01/11/06	04/10/06	07/03/06	10/05/06
FIELD DATA mg/l:	(GPS)								
Temperature (C)	as of 5/26/05	9	11	15	9.9	8.7	10.3	14.2	12.5
pH (Std. Units)		6.2	6.1	6.3	6.59	6.71	7.11	6.57	6.6
Cond. (umho/cm)		240	1660	1340	1530	1720	1450	307	290
TDS									
MAJOR IONS mg/l:									
Alk. - CaCO3		244	246	257	305	262	305	246	231
Bicarbonate (HCO3)		298	300	313	372	320	372	300	281
Calcium (Ca)		530	491	518	465	489	548	480	521
Carbonate (CO3)		-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		95	91	88	82	80	96	78	82
Fluoride (F)		0.2	0.2	0.2	0.2	-0.1	0.2	0.2	0.2
Magnesium (Mg)		69.1	63.9	69.5	66.5	63.3	71	64.1	70.2
Nitrate - N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		7.7	7.9	7.1	6.9	6.8	7.1	8.2	7.4
Silica (SiO2)		19	17	19	19	16	20	18	18
Sodium (Na)		94.9	87.7	97.7	92	90.4	91.6	93	101
Sulfate (SO4)		1350	1340	1360	1260	1200	1380	1300	1350
NON-METALS:									
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:									
Cond. (umho/cm)		2740	2790	2780	2850	2750	2800	2820	2810
pH	GPS (6.8)	6.81	6.74	6.83	7.08	6.96	7.14	6.87	6.83
TDS @ 180 C.	GPS (500)	2520	2390	2470	2450	2430	2430	2410	2350
TRACE METALS mg/l:									
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	0.1	-0.1	0.1	0.1	0.1	-0.1	0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.013	0.013	0.012	0.014	0.013	0.11	0.012	0.012
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	45.6	47.2	45.9	45.6	42.4	48.4	51.2	47.8
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	3.79	3.35	3.65	3.8	3.63	3.42	3.75	3.9
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	0.02	0.03	0.01	0.02	0.02	0.02	0.02	0.02
Selenium (Se)	GPS (.01)	0.002	0.002	-0.001	0.001	-0.001	0.002	0.002	0.002
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01
RADIOMETRIC pCi/l:									
Uranium, natural	GPS (36)	5.1	5.1	5.6	7	6.7	8.3	6.9	6.6
Radium 226		3.4	3.7	8.6	7.2	5.7	4.5	3.7	5.2
Radium Precision +/-		0.7	0.7	1.1	0.9	0.9	0.7	0.8	0.8
Radium 228		15.8	14.6	13.9	16.4	21.1	18.5	14.7	16.7
Radium Precision +/-		1.3	1.3	1.1	1.4	1.3	1.2	1.6	1.4
Combined Ra226/228	GPS (5.8)	19.2	18.3	22.5	23.6	26.8	23	18.4	21.9
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-									
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	8.7	-1	-1	-1
Lead Precision +/-						3.3			
Gross Alpha	GPS (15)	6.6	4.9	22.8	8.8	9.3	10.2	4.9	6.4
Gross Alpha Precision +/-		1.7	1.3	3.4	1.9	1.5	1.7	1.3	0.9
QUALITY ASSURANCE DATA:									
TDS A/C Balance (dec. %)		1.09	1.07	1.06	1.12	1.15	1.01	1.1	1.03

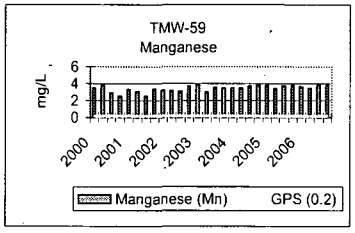


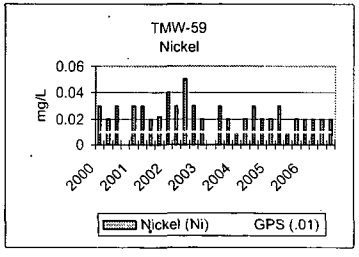




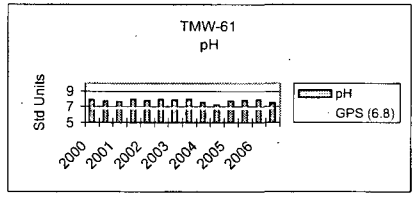


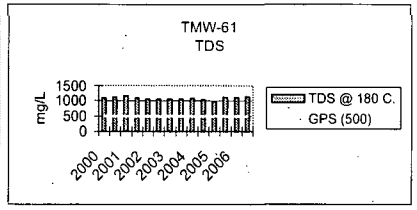


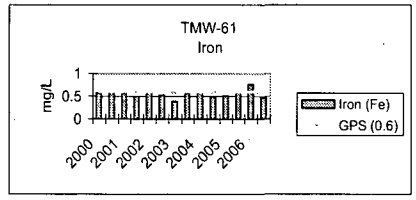


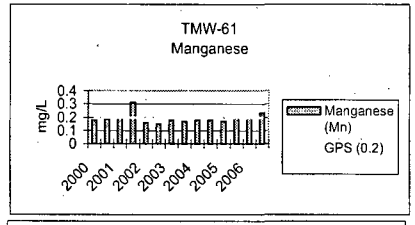


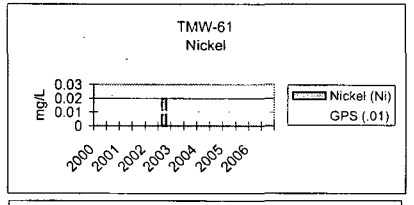
KENNECOTT URANIUM COMPANY															
TMW-61															
NORTHING: 148,422.32	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 324,592.68	Protection														
ND = Non-detectable	Standard	3/9/00	9/7/00	3/22/01	9/4/01	3/12/02	9/5/02	3/10/03	9/17/03	3/9/04	9/15/04	3/2/05	12/16/05	3/2/06	9/11/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	12	13	9.1	9.5	12.4
pH (Std. Units)		6.9	6.9	7.1	7.1	6.9	6.8	6.7	6.8	7.4	6.9	6.7	7..24	7.35	7.04
Cond. (umho/cm)		940	132	840	1100	1040	980	1040	880	880	780	840	890	990	1440
TDS															
MAJOR IONS mg/l:															
Alk - CaCO3		225	213	211	204	201	189	191	180	174	177	171	192	220	210
Bicarbonate (HCO3)		273	260	257	249	245	230	233	219	213	216	208	235	268	256
Calcium (Ca)		231	251	268	242	277	231	205	239	239	242	241	265	267	267
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		28.8	27.9	24	26.2	32.9	26.8	19.8	129	32.2	21	24	25	25	22
Fluoride (F)		-0.1	-0.1	0.11	-0.1	-0.1	-0.1	-0.1	0.1	-0.1	0.1	-0.1	-0.1	-0.1	0.1
Magnesium (Mg)		14.3	15.2	16.6	15.3	15.9	14	12	14.4	16.6	14.4	14.6	17.9	16.8	16.4
Nitrate - N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		5.3	5	4.7	4.5	5	4.5	4.9	193	4.8	4.4	5.1	4.7	4.5	4.4
Silica (SiO2)		16.6	18.1	17.6	17.6	19.7	17.6	15	18	20	18	19	21	20	19
Sodium (Na)		52.3	51.8	58.8	51.7	55.7	53.3	48.8	54.6	53.2	55.7	55.9	57.8	60.4	58.4
Sulfate (SO4)		518	516	581	525	569	517	474	630	550	533	533	615	579	621
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond. (umho/cm)		1470	1450	1470	1400	1370	1310	1360	1370	1340	1260	1350	1450	1450	1610
pH	GPS (6.8)	7.92	7.73	7.68	8	7.8	7.94	7.9	7.96	7.59	7.29	7.71	7.81	7.9	7.52
TDS @ 180 C.	GPS (500)	1100	1110	1150	1100	1060	1060	1040	1060	1070	1030	995	1120	1120	1130
METALS-DISSOLVED mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	0.002	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.58	0.6	0.58	0.5	0.593	0.526	0.377	0.569	0.589	0.5	0.52	0.62	0.76	0.47
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.18	0.19	0.2	0.31	0.16	0.15	0.18	0.17	0.18	0.18	0.17	0.2	0.2	0.23
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	0.002	0.001	-0.001	0.01	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.002	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	0.02	-0.01	0.01	-0.01	0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	2	2.5	2.2	2.4372	15.6	2.1	2.3	2.1	2.4	2.1	1.8	2.4	3	3.4
Radium 226		4.7	5.9	4.4	5.6	5.3	5.2	4.6	3.8	4.1	3	4.5	3.6	5.3	1.4
Radium Precision +/-		0.4	0.4	0.4	0.4	0.3	0.4	0.6	0.4	0.7	0.8	0.8	0.8	1.5	0.4
Radium 228		9.4	13.2	13	12.2	11	6.1	13	-1	5	4.3	6.8	6.6	1.1	5.3
Radium Precision +/-		0.6	1	1.5	1.5	1	1	1.2		1.3	1.7	1	1.2	0.9	0.9
Comb. Ra226/228	GPS (5.8)	14.1	19.1	17.4	17.8	16.3	11.3	17.6	3.8	9.1	7.3	11.3	10.2	6.4	6.7
Thorium 230	GPS (7.0)	5.9	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-		1.8													
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	13.5	5	5.8	4.3	4.9	7.2	7.9	8.3	6	5.7	10.5	5.1	5.7	3.9
Gross Alpha Precision +/-		1.3	1.1	1.5	1.2	1.4	1	1.3	1.6	1.2	1.4	1.3	1.6	1.5	0.7
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		1.09	1.09	1.04	1.09	0.96	1.07	1.15	0.76	1.07	1.04	1	1	1.02	1
(LAB: Energy Labs Inc. unless noted.)															

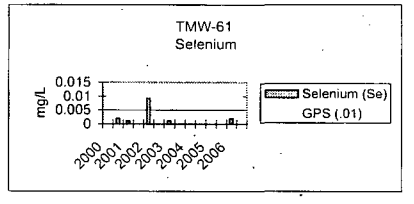


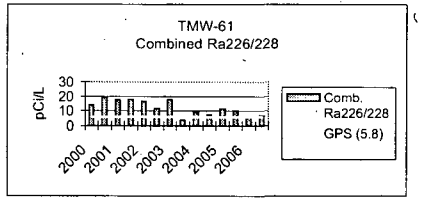




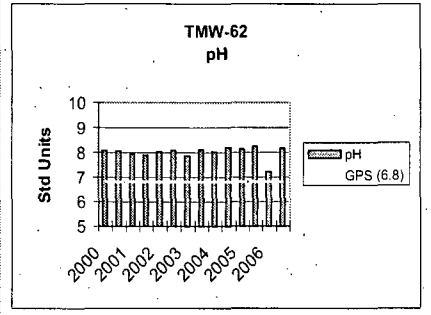


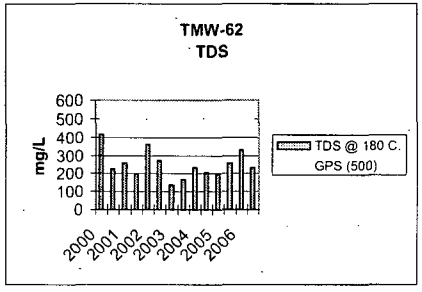


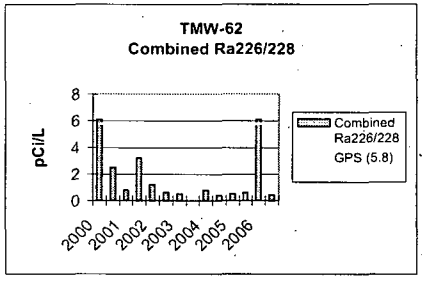




KENNECOTT URANIUM COMPANY															
TMW-62															
NORTHING: 148,789.00	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 324,277.11	Protection														
ND = Non-detectable	Standard	05/08/00	11/07/00	05/07/01	11/12/01	05/07/02	11/11/02	05/13/03	11/11/03	5/4/2004	11/1/2004	5/2/2005	12/13/2005	4/4/2006	8/8/2006
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	11	12	10	8.1	10	15.8
pH (Std. Units)		7.3	7.2	7.4	7.4	6.9	6.5	7.1	6.8	7.7	7.9	7.2	7.71	7.2	7.51
Cond. (umho/cm)		440	380	360	300	480	400	300	280	320	200	240	260	240	356
TDS															
MAJOR IONS mg/l:															
Alk - CaCO3		99	94	93	89	102	97	91	89	92.3	87	96	90	96	88
Bicarbonate (HCO3)		120	114	112	108	124	118	111	108	113	106	117	110	117	107
Calcium (Ca)		87.5	41.8	39.8	32.6	70.2	48	33.2	27.4	39.1	28.1	33.1	41	59.5	31.5
Carbonate (CO3)		-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		6.8	4.6	4.9	9	3.8	-1	-1	-1	3.8	3	2	1	3	4
Fluoride (F)		0.23	0.24	0.21	0.3	0.2	0.2	0.3	0.3	0.3	0.4	0.3	0.3	0.2	0.3
Magnesium (Mg)		8.1	3.4	3.1	2.6	6.2	4.2	2.7	2.4	3.5	2.5	2.8	4.1	6	2.9
Nitrate - N (NO3)		-0.1	-0.1	0.51	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		2.8	2	1.9	1.6	2.7	1.7	2.4	1.3	1.8	2	1.7	1.6	1.6	1.8
Silica (SiO2)		10.8	10.9	10.9	11	10.5	10.2	8.9	10.2	10.5	12	11	12	12	10
Sodium (Na)		38.2	34.6	35.9	32.2	36.6	38	31.8	36.4	34.3	34.6	33.7	31.4	38.2	33.3
Sulfate (SO4)		204	83.6	84.5	60	169	106	70.4	55.6	87	59	67	88	141	71
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond. (umho/cm)		644	378	386	308	551	423	332	319	337	300	334	366	487	374
pH	GPS (6.8)	8.09	8.06	7.95	7.9	8.03	8.08	7.87	8.12	8.03	8.19	8.13	8.23	7.22	8.17
TDS @ 180 C.	GPS (500)	415	227	257	199	359	270	134	166	231	204	194	256	330	232
TRACE METALS mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	0.001	0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.06	0.04	0.04	0.03	0.05	0.04	0.03	0.02	0.03	0.03	0.02	0.03	0.04	0.01
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	-0.01	-0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	7	7.1	4.1	3.7235	6.9731	5.6	3.9	5.6	6.4	4	4.4	4.1	5	3.7
Radium 226		1.2	-0.2	0.8	-0.2	1.2	0.6	0.5	-0.2	0.8	0.4	0.5	0.6	0.5	0.4
Radium Precision +/-		0.3		0.2		0.3	0.2	0.3		0.4	0.3	0.4	0.3	0.4	0.3
Radium 228		4.9	2.5	-1	3.2	-1	-1	-1	-1	-1	-1	-1	-1	5.6	-1
Radium Precision +/-		0.3	1		1									1.2	
Combined Ra226/228	GPS (5.8)	6.1	2.5	0.8	3.2	1.2	0.6	0.5	0	0.8	0.4	0.5	0.6	6.1	0.4
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.5	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-								0.5							
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	2.6	-1	-1	-1	2.4	-1	-1	-1	-1	-1	-1	1.9	1.5	-1
Gross Alpha Precision +/-		1.1				1.2							0.8	.0.9	
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		0.99	0.95	1.07	1.03	0.99	1	0.64	0.94	0.98	1.06	0.92	1.1	1.05	1.12
(LAB: Energy Labs Inc. unless noted.)															

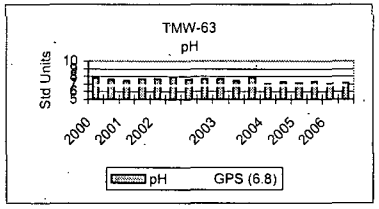


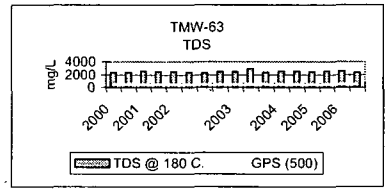


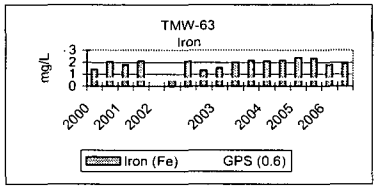


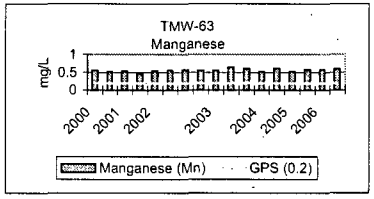
KENNECOTT URANIUM COMPANY																	
TMW-63																	
NORTHING: 148,924.39	Groundwater	2000		2001		2002				2003			2004		2005		2006
EASTING: 325,009.90	Protection																
ND = Non-detectable	Standard	05/08/00	11/07/00	05/07/01	11/12/01	05/07/02	07/25/02	10/15/02	11/11/02	03/10/03	05/13/03	11/12/03	05/04/04	11/01/04	05/02/05	12/19/05	05/04/06
FIELD DATA mg/l:	(GPS)																
Temperature (C)	as of 5/26/05	8	8	10	8	8	8	8	8	8	8	8	15	12	12	11.2	11.9
pH (Std. Units)		6.8	6.6	6.7	6.8	6.7	6.3	6.6	6.6	6.6	6.6	6.5	6.3	6.5	6.2	6.74	6.7
Cond. (umho/cm)		1420	2200	2200	2000	1660	1720	1460	1560	1480	1700	1600	1460	1080	1680	1450	300
TDS																	
MAJOR IONS mg/l:																	
Alk - CaCO3		452	483	501	486	470	470	480	475	477	609	447	468	466	470	452	481
Bicarbonate (HCO3)		551	589	611	593	573	573	586	579	582	743	545	572	568	574	552	587
Calcium (Ca)		534	571	632	631	584	623	626	615	624	591	584	605	629	625	591	625
Carbonate (CO3)		-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		72.2	87.2	85.9	89	81.3	70.9	86.3	59.5	67.1	101	69	77.2	82	85	86	86
Fluoride (F)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Magnesium (Mg)		33.4	42.4	38.5	41.3	35.6	37.5	39.2	34	29.6	38.8	41.3	41.3	45.7	43.2	46.3	45
Nitrate - N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		7	7.2	6.9	6.7	8.1	6.6	7.2	7	6.7	7.5	6.6	6.8	7.5	7	7	6.8
Silica (SiO2)		18.8	22	21	23	19.4	19	21.2	17.8	16.7	17.6	21.1	21	24	23	24	24
Sodium (Na)		82.1	94.5	86	90.8	79.8	85.9	87.4	81.8	70.2	89.5	92.7	88.5	93.1	89.7	91.6	93.4
Sulfate (SO4)		973	1190	1170	1250	1060	1140	1150	1020	1170	1220	1150	1160	1250	1220	1230	1320
NON-METALS:																	
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:																	
Cond. (umho/cm)		2700	2830	2870	2800	2740	2650	2870	2780	2730	3580	2800	2820	2970	2850	2890	2890
pH	GPS (6.8)	7.81	7.62	7.45	7.7	7.69	7.96	7.6	7.64	7.66	7.43	7.85	7.02	7.27	7.19	7.34	7.1
TDS @ 180 C.	GPS (500)	2370	2390	2520	2460	2430	2370	2240	2410	2400	2950	2390	2510	2540	2480	2510	2530
TRACE METALS mg/l:																	
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.002	-0.001	-0.001	-0.001	0.002	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.002	-0.001	0.003	0.003	0.001	-0.001	0.002	-0.001	0.001	0.002	0.001	0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	1.43	2.02	1.79	2.1	-0.05	0.654	2.07	1.34	1.54	1.96	2.13	2.08	2.12	2.38	2.34	1.77
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.56	0.52	0.54	0.46	0.53	0.56	0.57	0.56	0.56	0.65	0.6	0.51	0.6	0.52	0.58	0.58
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	0.034	0.02	0.01	0.03	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	0.003	0.001	-0.001	0.002	0.002	0.004	0.002	0.002	0.001	-0.001	0.001	0.003	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.02	0.01	0.02	0.03	-0.01	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.01	0.01	-0.01	-0.01
RADIOMETRIC pCi/l:																	
Uranium, natural	GPS (36)	3.7	4.13	3.8	4.2651	2.7757	4.94	5	2.9	2.1	4	2.6	4.7	2.9	3	1.4	1.4
Radium 226		3	6.1	6.1	2.9	4.9	3	7.9	3.9	4	6.9	4.9	4.9	5	4	4.2	4.6
Radium Precision +/-		0.3	0.4	0.5	0.3	0.4	0.3	0.9	0.4	0.3	0.4	0.4	0.8	0.8	0.8	0.7	1
Radium 228		9.9	10.1	3.6	12.1	12.5	12.7	16.1	5.6	-1	15.4	3.9	8.5	9.8	8	11.9	12.6
Radium Precision +/-		0.3	1.2	1.1	1.1	1	1.2	1.3	1		1.5	1.2	1.7	1.6	1.3	1.4	1.5
Combined Ra226/228	GPS (5.8)	12.9	16.2	9.7	15	17.4	15.7	24	9.5	4	22.3	6.1	13.4	14.8	12	16.1	17.2
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	0.8	-0.2	-0.2	-0.2	0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-							0.5				0.3						
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1
Lead Precision +/-																	
Gross Alpha	GPS (15)	6.2	16.9	5	4.2	18.5	5	9.4	6	11	8.2	5.4	6.4	3.6	11.1	6.2	4.5
Gross Alpha Precision +/-		1.5	1.6	1.3	1.4	2.3	1	1.2	2.2	1.6	1.5	1.2	1.5	1.3	1.1	1.3	1.1
QUALITY ASSURANCE DATA:																	
TDS A/C Balance (dec. %)		1.19	1.03	1.07	1.02	1.12	1.04	0.97	1.04	1.05	1.2	1.08	1.1	1.05	1.05	1.07	1.02
(LAB: Energy Labs Inc. unless noted.)																	

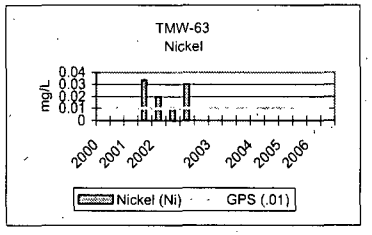
KENNECOTT URANIUM COMPANY		
TMW-63		
NORTHING: 148,924.38 EASTING: 325,009.90	Groundwater Protection	
ND = Non-detectable	Standard	11/19/06
FIELD DATA mg/l:	(GPS)	
Temperature (C)	as of 5/26/05	11.4
pH (Std. Units)		6.54
Cond. (umho/cm)		305
TDS		
MAJOR IONS mg/l:		
Alk - CaCO3		478
Bicarbonate (HCO3)		584
Calcium (Ca)		619
Carbonate (CO3)		-1
Chloride (Cl)		81
Fluoride (F)		-0.1
Magnesium (Mg)		42.1
Nitrate - N (NO3)		-0.1
Potassium (K)		6.9
Silica (SiO2)		21
Sodium (Na)		89.5
Sulfate (SO4)		1220
NON-METALS:		
Cyanide (CN)		-0.005
PHYSICAL PROPERTIES:		
Cond. (umho/cm)		2960
pH	GPS (6.8)	7.17
TDS @ 180 C.	GPS (500)	2390
TRACE METALS mg/l:		
Aluminum (Al)	GPS (1.8)	-0.1
Arsenic (As)	GPS (.05)	-0.001
Barium (Ba)		-0.1
Beryllium (Be)	GPS (.01)	-0.01
Boron (B)		0.2
Cadmium (Cd)	GPS (.01)	-0.005
Chromium (Cr)	GPS (.05)	-0.01
Cobalt (Co)		-0.001
Copper (Cu)		-0.01
Iron (Fe)	GPS (0.6)	1.9
Lead (Pb)		-0.01
Manganese (Mn)	GPS (0.2)	0.59
Mercury (Hg)		-0.0002
Molybdenum (Mo)		-0.01
Nickel (Ni)	GPS (.01)	-0.01
Selenium (Se)	GPS (.01)	0.003
Silver (Ag)		-0.01
Thallium (Tl)		-0.01
Vanadium (V2O5)		-0.1
Zinc (ZN)		0.02
RADIOMETRIC pCi/l:		
Uranium, natural	GPS (36)	1.5
Radium 226		5.8
Radium Precision +/-		1.1
Radium 228		9.7
Radium Precision +/-		1.1
Combined Ra226/228	GPS (5.8)	15.5
Thorium 230	GPS (7.0)	-0.2
Thorium Precision +/-		
Lead (Pb210)	GPS (8.9)	-1
Lead Precision +/-		
Gross Alpha	GPS (15)	5.1
Gross Alpha Precision +/-		0.9
QUALITY ASSURANCE DATA:		
TDS A/C Balance (dec. %)		1.01
(LAB: Energy Labs Inc. unless noted.)		

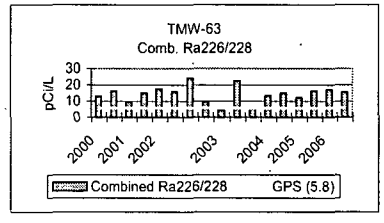


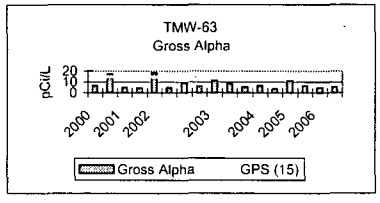




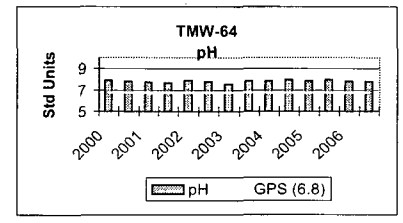


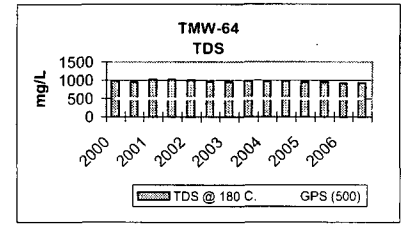


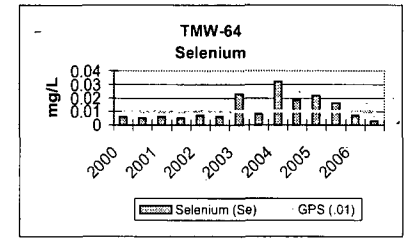


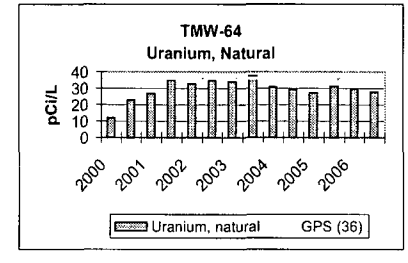


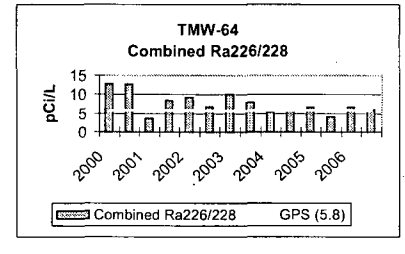
KENNECOTT URANIUM COMPANY															
TMW-64															
NORTHING: 149,797.71 EASTING: 324,991.71	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	05/08/00	11/07/00	05/07/01	11/12/01	05/07/02	11/11/02	05/13/03	11/11/03	05/04/04	11/01/04	05/02/05	12/13/05	05/02/06	11/28/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	13	12	10	6.6	11.6	8.1
pH (Std. Units)		7.4	6.8	6.9	7.2	7.2	7.2	7.2	6.7	7.8	7.3	7.2	7.46	7.51	7.42
Cond. (uMho/cm)		780	720	1080	1020	900	900	920	860	800	680	860	780	1176	1.14
TDS															
MAJOR IONS mg/l:															
Alk - CaCO3		65	64	64	65	65	65	63	66	63	66	65	68	65	85
Bicarbonate (HCO3)		79	77	77	79	79.3	78.7	76.9	79.9	76.9	80	79	82	79	104
Calcium (Ca)		199	217	209	225	197	179	200	210	201	208	211	207	190	196
Carbonate (CO3)		-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		33.1	35.9	34.4	45	32.8	26.1	33.2	32.1	32.5	33	35	33	29	30
Fluoride (F)		0.19	0.18	0.16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-0.1	0.2	0.2	0.2
Magnesium (Mg)		17.5	19.3	18	19.2	17	15.2	16.6	18.3	17.8	18.8	18.2	19	17.9	17.8
Nitrate-N (NO3)		-0.1	-0.1	0.42	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		4.7	4.9	4.3	4.4	5.3	4.8	4.9	4.2	4.4	4.8	4.4	4.2	4	4.3
Silica (SiO2)		8.2	9	9	9	7.9	7	7.3	8.1	8.2	9	9	9	9	9
Sodium (Na)		53	54.5	53.6	53.9	49.3	51.1	52	55.7	53.7	53.8	53.6	53.4	52	54.5
Sulfate (SO4)		527	589	532	612	555	488	560	576	562	562	563	568	523	538
NON- METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (uMho/cm)		1270	1280	1270	1270	1270	1270	1280	1310	1250	1240	1280	1230	1200	1240
pH	GPS (6.8)	7.91	7.84	7.76	7.7	7.91	7.82	7.56	7.89	7.87	7.97	7.9	8.01	7.82	7.84
TDS @ 180 C.	GPS (500)	989	953	1020	1020	996	958	953	978	968	980	940	944	914	938
TRACE METALS mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	0.001	0.001	0.001	0.001	0.001	0.002	-0.001	0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.05	0.04	0.02	0.02	0.04	0.04	0.01	0.04	-0.01	0.03	0.03	0.04	0.04	0.04
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	0.006	0.005	0.006	0.005	0.007	0.006	0.023	0.008	0.032	0.018	0.022	0.016	0.007	0.003
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.02	-0.01	-0.01	0.02	0.01	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	12.2	23	26.9	35.1363	32.6314	34.9	34.1	37.7	30.7	29.1	27.2	31.1	29.5	27.7
Radium 226		1.9	3.1	3.6	2	2.9	3.4	1.8	4.5	2.3	2.3	1.9	2.2	2.7	2.5
Radium Precision +/-		0.3	0.3	0.4	0.3	0.3	0.3	0.2	0.2	0.6	0.6	0.6	0.6	0.6	1.2
Radium 228		10.8	5.2	-1	6.4	6.4	3.4	8.2	3.4	3.2	3.7	4.7	2	3.9	3.4
Radium Precision +/-		1.2	8.3		1	1	1	1.3	1.2	1.5	1.4	1.2	1.2	1.1	2.1
Combined Ra226/228	GPS (5.8)	12.7	12.7	3.6	8.4	9.3	6.8	10	7.9	5.5	6	6.6	4.2	6.6	5.9
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	0.4	-0.2	0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-						0.3		0.3							
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	4.7	7.6	2	3	8.4	2.7	2.7	3.5	2.5	2.5	4.4	2.6	3.9	3.5
Gross Alpha Precision +/-		1.3	1.2	1.2	1.3	1.6	2.2	1	1.1	1	1.2	1.4	0.9	1.7	0.9
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		1.12	0.98	1.13	1.01	1.1	1.18	1.04	1.04	1.05	1.06	1.01	1.02	1.06	1.04
(LAB: Energy Labs Inc. unless noted.)															



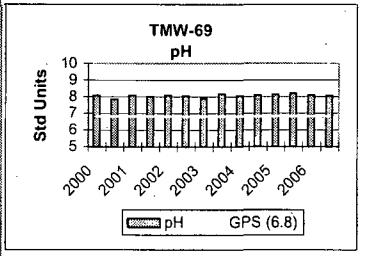


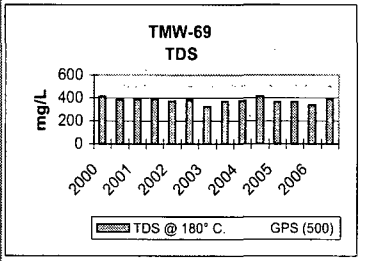


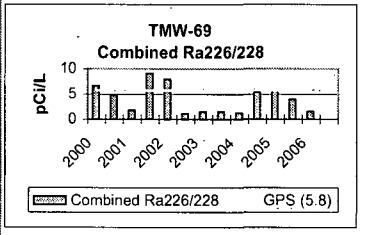




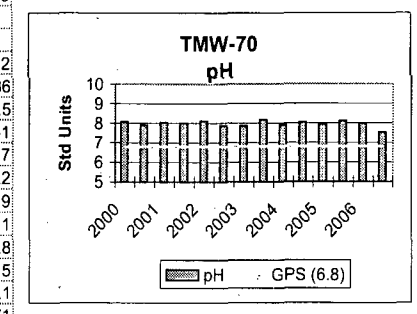
KENNECOTT URANIUM COMPANY															
TMW-69															
NORTHING: 149,649.27 EASTING: 324,659.43	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	5/8/00	11/9/00	5/10/01	11/12/01	5/7/02	11/11/02	5/13/03	11/11/03	5/4/04	11/1/04	5/2/05	12/20/05	5/2/06	11/28/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	14	11	10	8.7	12.4	8.1
pH (Std. Units)		7.6	7.2	7.6	7.5	7.1	6.8	6.8	6.7	7.4	7.3	7.2	7.63	7.74	7.55
Cond. (umho/cm)		400	580	520	540	520	500	540	500	480	280	440	410	522	513
TDS															
MAJOR IONS mg/l:															
Alk - CaCO3		94	96	96	98	101	97	97	103	100	101	101	100	103	100
Bicarbonate (HCO3)		114	117	116	120	123	118	118	126	122	123	123	122	125	122
Calcium (Ca)		85.4	77.8	78.8	84.4	76.3	75.5	78.4	77.9	77.7	80.7	79.3	75.8	75.6	76.1
Carbonate (CO3)		-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		13.2	10.9	9.4	14	5	5.5	7.8	7.2	9.8	6	12	8	7	6
Fluoride (F)		0.16	0.18	0.17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Magnesium (Mg)		5.6	5.3	5.1	5.34	4.9	4.9	4.9	5	5.1	5.3	5	4.9	5.1	4.8
Nitrate - N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		3.5	2.8	2.7	2.8	3.2	3	3.4	2.6	2.9	3.1	2.8	2.7	2.8	2.8
Silica (SiO2)		12.3	12.6	12.9	14	12.9	11.8	11.9	13.4	13	14	14	14	14	14
Sodium (Na)		36.7	35.4	34.4	35.2	33.5	36.9	34.8	35.5	35	35.2	34.4	35.2	33.4	35.2
Sulfate (SO4)		188	173	172	185	176	162	177	170	177	173	170	162	161	162
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond. (umho/cm)		629	585	590	573	564	570	565	579	575	571	575	558	539	559
pH	GPS (6.8)	8.07	7.83	8.07	8	8.08	8.05	7.88	8.16	8.05	8.07	8.12	8.19	8.06	8.05
TDS @ 180° C.	GPS (500)	413	382	391	388	369	382	324	369	374	412	363	363	336	388
METALS-DISSOLVED mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.1	-0.1	-0.1	-0.1	0.056	-0.05	-0.05	-0.05	-0.05	-0.05	0.1	-0.05	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.04
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.02	0.02	0.02	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	4.1	7.13	4.9	3.6558	3.8589	4.9	4.1	4.5	4.4	4.1	4.8	4.1	4.2	3.8
Radium 226		2.1	1.6	1.8	0.8	2	1.1	1.5	1.5	1.3	1.7	2.7	2.2	1.5	-0.2
Radium Precision +/-		0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.4	0.5	0.7	0.7	0.6	0.5	
Radium 228		4.6	3.1	-1	8.3	5.9	-1	-1	-1	-1	3.7	3	1.8	-1	-1
Radium Precision +/-		0.3	0.3		1	1					2.3	1.2	1.1		
Combined Ra226/228	GPS (5.8)	6.7	4.7	1.8	9.1	7.9	1.1	1.5	1.5	1.3	5.4	5.7	4	1.5	0
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-								0.3							
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	3.8	1.7	-1	1.7	4.1	-1	1.9	1.5	1.6	1.2	2.3	1.5	2.4	-1
Gross Alpha Precision +/-		1.2	0.9		1.2	1.3		1	1	1	1	1.2	0.8	1.5	
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		1.03	1.01	1.04	1	0.98	1.06	0.85	1.02	0.98	1.09	0.96	1	0.93	1.07
(LAB: Energy Labs Inc. unless noted.)															

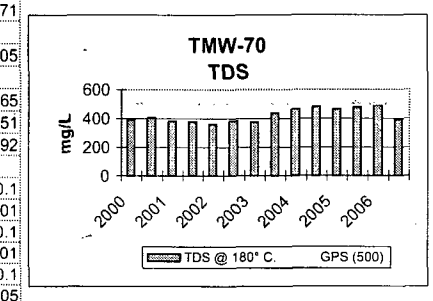


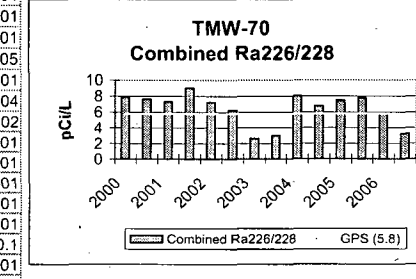




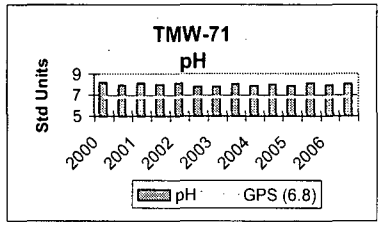
KENNECOTT URANIUM COMPANY															
TMW-70															
NORTHING: 149,309.09	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 324,369.82	Protection														
ND=Non-detectable	Standard	5/8/00	11/9/00	5/10/01	11/13/01	5/6/02	11/13/02	5/12/03	11/11/03	5/4/04	11/2/04	5/3/05	12/19/05	5/4/06	11/28/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	13	11	12	8.6	10.4	7
pH (Std. Units)		7.7	7.1	7.5	7.3	7.3	6.6	7.2	6.8	7.4	7.2	7.3	7.64	7.33	7.18
Cond (umho/cm)		380	560	540	500	500	500	580	580	540	380	520	500	700	530
TDS															
MAJOR IONS mg/l:															
Alk-CaC03		85	83	85	97	99	92	86	91	83.6	88	83	85	90	112
Bicarbonate (HCO3)		103	101	104	118	120	112	104	111	102	108	101	104	110	136
Calcium (Ca)		79.9	78.6	78.1	79.7	72.5	73.6	86.2	93.9	101	102	113	101	103	77.5
Carbonate (CO3)		-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		12.7	10.4	9.5	13	7.5	4.6	11.3	8.5	10.4	9	13	9	12	7
Fluoride (F)		0.17	0.19	0.18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Magnesium (Mg)		5.3	5.4	5.1	4.96	4.5	4.6	5.2	5.9	6.5	6.6	7	6.6	6.7	4.9
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		3.4	2.7	2.6	2.6	3.2	3	3.5	2.8	3	3.6	3.5	2.9	3	2.8
Silica (SiO2)		11.4	12.6	12.7	14	13.2	12.1	11.7	13.3	12.9	14	13	13	13	15
Sodium (Na)		35.2	35.6	34.2	36.6	34.6	37.7	36.7	38.8	39.4	39.1	40.6	38.6	38.5	37.1
Sulfate (SO4)		183	196	175	177	165	164	211	224	250	245	268	241	266	171
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		598	591	597	562	545	568	612	419	697	673	745	709	705	565
pH	GPS (6.8)	8.06	7.91	8.04	8	8.09	7.87	7.86	8.16	7.89	8.04	7.94	8.09	7.96	7.51
TDS @ 180° C.	GPS (500)	392	404	382	379	360	380	374	438	464	481	463	477	490	392
TRACE METALS mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.1	-0.1	-0.1	-0.1	0.073	0.058	-0.05	0.075	0.081	0.09	0.05	-0.05	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.04	0.05	0.05	0.05	0.06	0.06	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.04
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V205)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	3.6	3.75	3.2	2.3695	2.5049	2.7	2.8	3.4	3.1	3.4	3.8	3.6	3.8	3.1
Radium 226		2.5	2.3	3.2	1.5	2.8	2	2.6	3	3.4	3.5	1.5	3.5	3.5	3.2
Radium Precision +/-		0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.7	0.9	0.6	0.7	0.9	1.3
Radium 228		5.4	5.3	4.1	7.5	4.4	4.2	-1	-1	4.6	3.3	6	4.3	2.3	-1
Radium Precision +/-		0.2	0.3	1.4	1	1	1			1.6	2.2	1.3	1.2	1.2	
Combined Ra226/228	GPS (5.8)	7.9	7.6	7.3	9	7.2	6.2	2.6	3	8	6.8	7.5	7.8	5.8	3.2
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-								0.3							
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	3.6	2.3	2.8	1.3	5.1	-1	2.5	3	4.2	4	6.1	4.5	3.9	3.6
Gross Alpha Precision +/-		1.2	1	1.3	1.1	1.4		1	1	1.2	1.3	1.6	1.1	1	0.9
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		1.02	1.03	1.03	1.01	0.99	1.06	0.89	1.02	0.98	1.02	0.91	1.03	0.99	1.03
(LAB: Energy Labs Inc. unless noted.)															

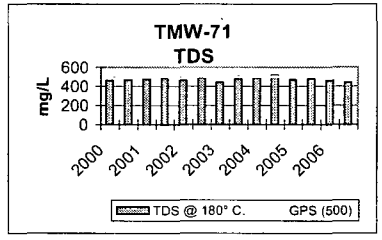


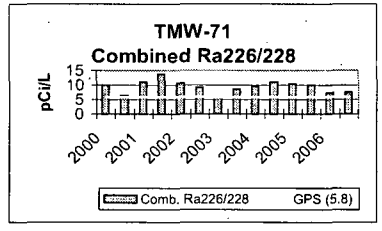




KENNECOTT URANIUM COMPANY															
TMW-71															
NORTHING: 149,835.18	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 324,420.67	Protection														
ND = Non-detectable	Standard	05/08/00	11/09/00	05/10/01	11/13/01	05/06/02	11/20/02	05/12/03	11/11/03	05/05/04	11/02/04	05/03/05	12/19/05	05/02/06	11/19/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	12	10	11	9	11.6	8.9
pH (Std. Units)		7.7	7.2	7.3	7.4	7.2	6.8	7.1	6.9	7.3	7.1	7.2	7.56	7.46	7.39
Cond (umho/cm)		440	660	720	640	580	580	680	660	520	420	500	510	676	645
TDS															
MAJOR IONS mg/l:															
Alk-CaC03		116	117	116	117	119	116	119	119	118	119	118	118	120	114
Bicarbonate (HCO3)		140	142	140	142	145	141	145	145	144	145	144	143	146	139
Calcium (Ca)		95.9	98.5	98.7	107	98.4	98.9	104	105	102	115	114	103	105	85.3
Carbonate (CO3)		-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		4.5	6.3	8	12	5	1.2	6	6.1	6.1	6	7	7	6	4
Fluoride (F)		0.16	0.17	0.16	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.1
Magnesium (Mg)		6.2	6.6	6.3	6.74	6.2	6.3	6.4	6.7	6.6	7.5	7.1	6.7	7	5.5
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		3.7	3.1	3	3	3.6	3.4	3.6	3	3.2	3.8	3.6	3	3.2	2.9
Silica (SiO2)		12.5	13.6	13.6	14	13.4	12.4	12.8	13.8	13.6	15	14	15	15	13
Sodium (Na)		38.9	39.4	37.6	38.4	36.3	40	38.5	39.2	37.6	39.9	39.8	37.9	36.9	34.4
Sulfate (SO4)		204	228	212	236	228	215	238	243	234	254	245	223	229	192
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		688	691	698	688	677	700	691	1350	708	721	737	7.3	683	701
pH	GPS (6.8)	8.18	7.95	8.12	8	8.11	7.83	7.83	8.07	7.89	7.99	7.89	8.12	7.95	8.04
TDS @ 180° C.	GPS (500)	459	465	476	490	458	488	437	475	484	514	464	478	458	440
TRACE METALS mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.1	-0.1	-0.1	-0.1	0.078	0.076	-0.05	0.069	-0.05	0.1	-0.05	-0.05	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.05	0.06	0.05	0.05	0.05	0.06	0.05	0.06	0.05	0.06	0.05	0.05	0.05	0.05
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V205)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	-0.01	-0.01	-0.01	-0.01	0.03	0.02	-0.01	-0.01	-0.01	-0.01	0.04	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	9	10.8	9.2	8.0563	7.9209	8	7.4	11.4	7.9	7.3	7.8	7.1	7.1	6.1
Radium 226		3.1	3.1	3.7	2.2	3.4	3	2.1	4.6	3.1	4.4	3.2	3.2	3.6	3.7
Radium Precision +/-		0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.4	0.7	0.8	0.8	0.7	0.7	0.8
Radium 228		7	3.4	7.4	11.6	7.2	6.2	3.5	4	6.5	6.6	7.3	6.8	3.7	3.9
Radium Precision +/-		0.7	0.3	1.5	1.1	1	1	1.2	1.2	1.6	1.5	1.3	1.2	1.1	1
Comb. Ra226/228	GPS (5.8)	10.1	6.5	11.1	13.8	10.6	9.2	5.6	8.6	9.6	11	10.5	10	7.3	7.6
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-								0.3							
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	4.7	3.6	4.8	2.5	6	3.9	3.1	3.1	3.6	2.9	6.3	3.1	4.3	3.4
Gross Alpha Precision +/-		1.3	1.2	1.7	1.2	1.4	2.2	1	1	1.2	1.2	1.6	1	1.8	0.7
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		1.05	0.99	1.06	1.03	0.98	1.08	0.9	1	1.02	1	0.92	1.03	0.96	1.09
(LAB: Energy Labs Inc. unless noted.)															

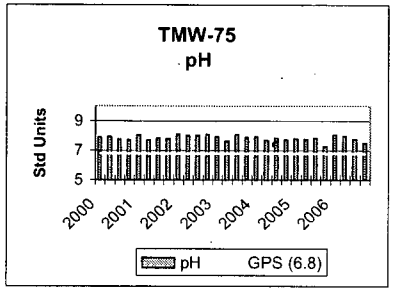


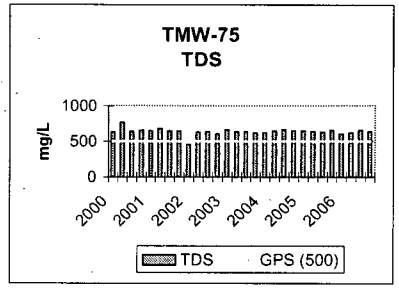


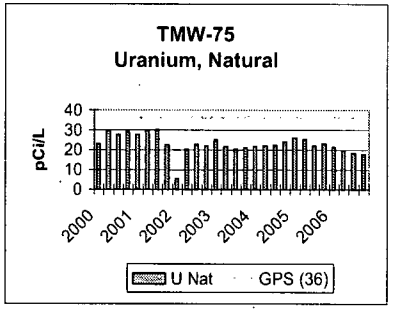


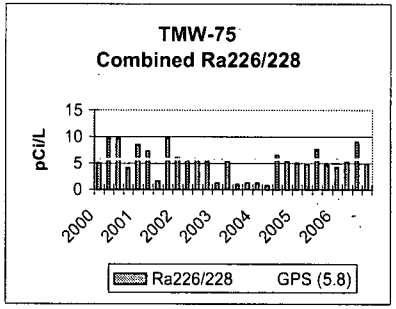
KENNECOTT URANIUM COMPANY																				
TMW-75																				
NORTHING: 149,801.01 EASTING: 325,992.80	Groundwater Protection	2000				2001				2002				2003				2004		
ND = Non-detectable	Standard	01/04/00	04/04/00	07/12/00	10/03/00	01/10/01	04/03/01	07/02/01	10/02/01	01/08/02	04/08/02	07/10/02	10/03/02	01/07/03	04/07/03	07/09/03	10/16/03	01/05/04	04/05/04	07/12/04	10/07/04
FIELD DATA mg/l:	(GPS)																			
Temperature (C)	as of 5/26/05	6	10	10	8	6	10	10	12	6	8	14	8	8	8	10	12	6	12	17	13
pH (Std. Units)		6.9	7.1	6.8	6.8	6.9	7.2	7.1	6.9	7.2	7.1	6.9	6.3	6.8	7.2	6.8	6.8	6.8	7.1	6.9	7.5
Cond. (umho/cm)		680	720	580	960	880	860	880	820	860	800	760	780	870	820	700	700	800	720	860	600
TDS																					
MAJOR IONS mg/l:																					
Alk-CaCO3		128	136	131	131	132	130	133	131	118	127	129	127	129	124	125	127	128	125	124	127
Bicarbonate (HCO3)		156	165	159	159	160	158	162	159	144	154	157	155	157	151	152	154	157	153	151	154
Calcium (Ca)		128	181	131	130	135	129	136	140	111	141	126	126	121	128	128	133	161	148	142	165
Carbonate (CO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		17.2	30.5	17.1	14.6	26.8	22.1	22.2	18	13.5	21.9	18.5	19.2	18.2	22.8	16	15.5	32	19.6	18	19
Fluoride (F)		0.14	0.15	0.15	0.15	0.15	0.17	0.15	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2
Magnesium (Mg)		10.1	14.3	10.6	10.7	10.5	10.5	11.7	11	6.8	10.4	10.2	10.2	9.7	10.2	10.1	10.5	13	11.6	11	12
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		3.4	4	3.4	3.95	4.4	3.9	3.1	3.2	3.5	3.4	3.5	3.5	3.3	4.1	4.2	3.3	3.9	4	3	3.9
Silica (SiO2)		12.6	14.8	13.4	11.5	12.1	13.2	14.5	14.5	15.5	13.9	13	16.5	11.2	12.6	11.6	14.7	16	14.2	14	16
Sodium (Na)		43.2	50	42	44.7	41.6	39.5	48.2	47	36.7	43.6	43.3	42.8	42.2	45.1	45	43.5	45	45.9	47	49.1
Sulfate (SO4)		296	399	279	268	328	299	312	300	239	326	297	296	295	312	300	325	347	339	335	357
NON-METALS:																					
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:																					
Cond (umho/cm)		922	1060	921	932	934	934	928	910	667	869	894	879	927	875	925	892	915	927	890	910
pH	GPS (6.8)	7.86	7.93	7.76	7.69	8.05	7.69	7.84	7.8	8.1	7.98	8	8.09	7.93	7.63	8.07	7.87	7.93	7.65	7.82	7.69
TDS	GPS (500)	629	764	640	657	648	679	648	648	453	628	641	602	660	637	638	622	620	647	665	647
TRACE METALS mg/l:																					
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.17	0.28	-0.1	-0.1	0.19	0.45	-0.1	0.14	0.077	0.301	0.159	-0.05	0.142	0.204	0.193	0.219	0.27	0.227	0.21	-0.05
Lead, (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.11	0.13	0.1	0.0902	0.12	0.12	0.11	0.11	0.06	0.11	0.09	0.11	0.11	0.09	0.1	0.1	0.1	0.11	0.11	0.12
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	0.002	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.01	0.01	0.06	0.01	-0.01	0.04	-0.01	-0.01	-0.01	0.01	-0.01	0.04	0.01	-0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01
RADIOMETRIC pCi/l:																					
Uranium, natural	GPS (36)	23	29.7	27.6	29	27.8	29.8	30.1	22.341	5.3483	20.4454	22.8149	22	25.1	21.8	20.3	20.9	21.7	22.1	22.3	24.1
Radium 226		1.7	4.8	2.7	-0.2	1.9	1.7	1.6	2.2	0.9	1.4	2.1	1.3	1.2	1.7	1	1.3	1.3	0.8	1.8	1.5
Radium Precision +/-		0.2	0.3	0.3	0.3	0.2	0.2	0.4	0.3	0.2	0.2	0.3	0.2	0.3	0.3	0.2	0.3	0.4	0.3	0.5	0.5
Radium 228		3.3	5	6.9	4.1	6.6	5.6	-1	7.5	5.1	4.3	3.5	4.3	-1	3.5	-1	-1	-1	-1	4.7	3.8
Radium Precision +/-		0.2	0.2	0.6	0.4	1.4	1.1		1.2	1	1	1.2	1.1		1.7					1.4	1.1
Combined Ra226/228	GPS (5.8)	5	9.8	9.6	4.1	8.5	7.3	1.6	9.7	6	5.7	5.6	5.6	1.2	5.2	1	1.3	1.3	0.8	6.5	5.3
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	7.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-					1.7																
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1
Lead Precision +/-																					
Gross Alpha	GPS (15)	-1	2.7	2.4	3	3.8	2.7	1.5	2	1.8	2.3	1.8	2.3	2.9	2.6	-1	2	1.6	2.3	1.6	1.7
Gross Alpha Precision +/-			0.6	1.1	0.9	1	1	1	1	1	1	1	1	1	1.2		1	1	1.1	1	1
QUALITY ASSURANCE DATA:																					
TDS A/C Balance (dec. %)		1.07	0.98	1.11	1.16	1.01	1.14	1.03	1.08	0.93	0.98	1.08	1.01	1.13	1.04	1.07	1.02	0.91	1	1.05	0.94
(LAB: Energy Labs Inc. unless noted.)																				TMW-75	

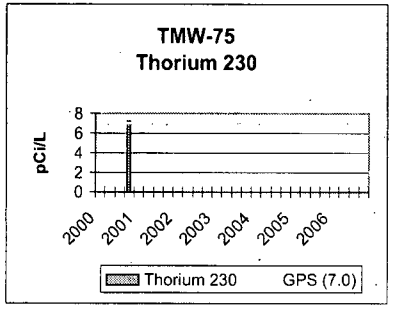
KENNECOTT URANIUM COMPANY									
TMW-75									
NORTHING: 149,801.01 EASTING: 325,992.80	Groundwater Protection	2005				2006			
ND = Non-detectable	Standard	01/05/05	04/06/05	07/11/05	11/07/05	01/16/06	04/10/06	07/03/06	10/05/06
FIELD DATA mg/l:	(GPS)								
Temperature (C)	as of 5/26/05	9	11	17	9.8	7.4	12.7	19	14.7
pH (Std. Units)		6.7	6.7	6.9	7.25	7.16	7.37	7.25	7.5
Cond. (umho/cm)		860	660	580	720	690	580	907	857
TDS									
MAJOR IONS mg/l:									
Alk-CaCO3		131	124	126	128	128	125	119	120
Bicarbonate (HCO3)		160	151	153	156	156	152	145	147
Calcium (Ca)		148	138	142	134	135	137	139	143
Carbonate (CO3)		-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		21	20	18	19	17	18	14	17
Fluoride (F)		0.2	0.1	0.2	0.1	-0.1	0.2	0.1	0.1
Magnesium (Mg)		12	10.7	11.4	11.6	11.1	10.7	10.3	11
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		4	3.5	3.2	3.2	3.5	3.2	3.4	3.4
Silica (SiO2)		14	14	15	15	15	15	16	14
Sodium (Na)		46.3	43.4	46.2	44.5	44.2	44.2	48	46.8
Sulfate (SO4)		334	339	326	322	315	320	342	329
NON-METALS:									
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:									
Cond (umho/cm)		919	938	926	946	896	879	904	905
pH	GPS (6.8)	7.8	7.75	7.84	7.23	8.03	7.97	7.77	7.49
TDS	GPS (500)	643	635	632	658	600	618	652	638
TRACE METALS mg/l:									
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.19	0.19	0.2	0.15	0.14	0.11	0.27	0.17
Lead, (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.11	0.11	0.11	0.11	0.11	0.1	0.1	0.09
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:									
Uranium, natural	GPS (36)	26	25.4	22	23.1	21.2	19.6	18.2	17.8
Radium 226		0.7	1.1	1.9	1.8	1.2	1.3	1.1	2.1
Radium Precision +/-		0.4	0.4	0.5	0.5	0.8	0.5	0.3	0.5
Radium 228		4.3	3.7	5.7	2.8	3.1	4	7.9	2.8
Radium Precision +/-		1	0.9	0.9	1	1.2	0.9	0.9	1.1
Combined Ra226/228	GPS (5.8)	5	4.8	7.6	4.6	4.3	5.3	9	4.9
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-									
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-1	-1	-1
Lead Precision +/-									
Gross Alpha	GPS (15)	3	1.6	4	2.6	1.6	2.6	2.6	4.2
Gross Alpha Precision +/-		1.3	1	1.8	1.1	0.9	0.9	1.1	1.2
QUALITY ASSURANCE DATA:									
TDS A/C Balance (dec. %)		0.98	0.99	0.99	1.05	0.97	0.99	1.01	1
(LAB: Energy Labs Inc. unless noted.)									



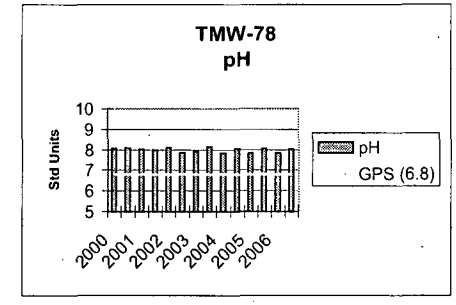


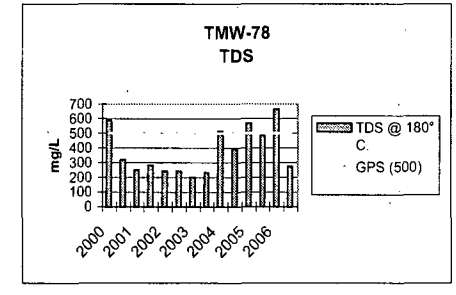


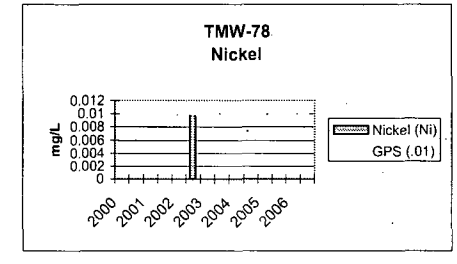


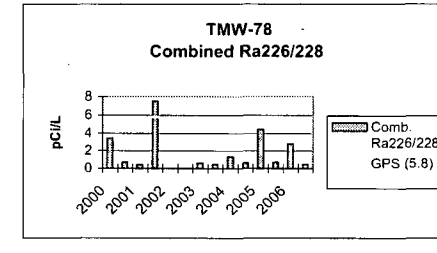


KENNECOTT URANIUM COMPANY															
TMW-78															
NORTHING: 149,900.26 EASTING: 325,592.38	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	5/10/00	11/15/00	5/10/01	11/13/01	5/6/02	11/13/02	5/12/03	11/10/03	5/5/04	11/2/04	5/3/05	12/17/05	5/8/06	11/19/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	12	11	11	7.3	11.8	9.3
pH (Std. Units)		7.6	6.6	7.3	7.4	7.3	6.8	7.2	7.2	7.2	7.1	7.1	7.53	7.52	7.21
Cond. (umho/cm)		540	480	380	400	380	380	400	360	580	360	660	460	883	432
TDS															
MAJOR IONS mg/l:															
Alk-CaCO3		92	96	96	97	101	98	98	101	96.2	97	90	95	89	90
Bicarbonate (HCO3)		112	117	116	118	123	120	120	123	117	119	110	116	108	110
Calcium (Ca)		121	61	45.3	53.1	49.2	47.4	49	51	107	79.4	142	110	143	47
Carbonate (CO3)		-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		12.6	8.6	7.7	11	2.5	3	5.1	5.2	10.1	6	14	7	13	4
Fluoride (F)		0.16	0.21	0.19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
Magnesium (Mg)		11.4	7	4.3	4.4	3.7	3.6	3.5	3.6	9.4	9.1	14.9	13.4	18.4	5.9
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		3.9	2.8	2.1	2.2	2.8	2.8	2.9	2.1	3	3.3	3.8	3.1	3.6	2.4
Silica (SiO2)		11.9	11.5	13.3	14	13	12.2	12.1	13	12.6	14	12	14	13	11
Sodium (Na)		35.3	31.1	28.3	30.7	29.3	32	29.8	30.8	34.4	31.4	37.7	31.6	35.2	28.3
Sulfate (SO4)		291	142	90.5	103	94.3	87.2	95.6	93.3	264	180	349	270	400	103
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		825	504	403	409	402	400	394	542	736	560	891	719	911	466
pH	GPS (6.8)	8.06	8.08	8.02	8	8.11	7.85	7.91	8.13	7.84	8.05	7.83	8.06	7.84	8.03
TDS @ 180° C.	GPS (500)	588	318	249	281	242	240	201	232	514	394	568	487	664	274
METALS-DISSOLVED mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	0.001	0.001	0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
Lead, (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	0.02	0.01	0.03	0.02
Mercury (Hg)		-0.0002	0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	-0.01	-0.01	-0.01	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	16.5	9.7	5.2	4.4682	3.9266	3.4	4.3	4.5	8.8	9.8	12.7	9	10	9.2
Radium 226		0.9	0.7	0.4	-0.2	-0.2	-0.2	0.6	0.5	1.3	0.6	3.1	0.7	0.8	0.5
Radium Precision +/-		0.3	0.2	0.2				0.2	0.2	0.5	0.3	0.8	0.5	0.3	0.4
Radium 228		2.5	-1	-1	7.5	-1	-1	-1	-1	-1	-1	1.3	-1	2	-1
Radium Precision +/-		0.2			1							1.1		1	
Comb. Ra226/228	GPS (5.8)	3.4	0.7	0.4	7.5	0	0	0.6	0.5	1.3	0.6	4.4	0.7	2.8	0.5
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-								0.3							
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	2.4	-1	-1	-1	3.7	-1	-1	-1	1.2	-1	1.6	-1	1.8	-1
Gross Alpha Precision +/-		1				1.2				1		1.1		0.7	
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		1.08	0.98	0.99	1.06	0.94	0.96	0.77	0.94	1.03	1.03	0.91	0.96	0.98	1.07
(LAB: Energy Labs Inc. unless noted.)															

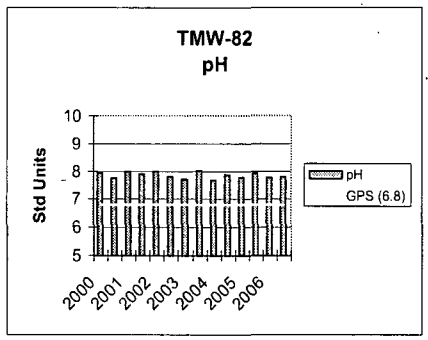


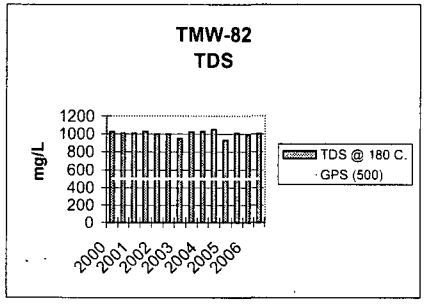


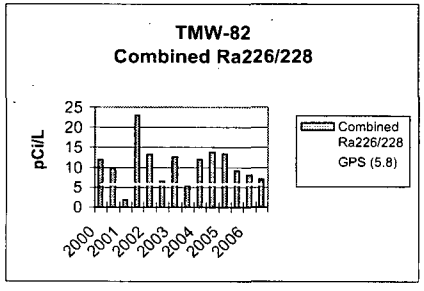




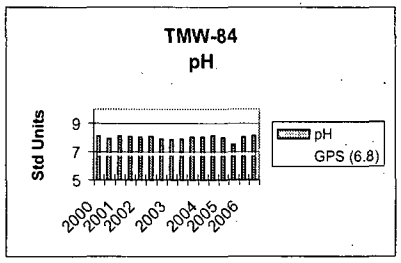
KENNECOTT URANIUM COMPANY															
TMW-82															
NORTHING: 150,302.15 EASTING: 325,987.47	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	05/10/00	11/09/00	05/17/01	11/14/01	05/06/02	11/18/02	05/12/03	11/10/03	05/05/04	11/02/04	05/03/05	12/17/05	05/04/06	11/19/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	15	11	11	10.6	10	9.5
pH (Std. Units)		7.3	6.9	7.1	7.2	6.9	6.7	7.2	6.7	7.1	7.1	7.1	7.36	7.49	7.13
Cond. (umho/cm)		820	1140	1160	1040	960	880	920	940	760	680	840	810	1256	1261
TDS															
MAJOR IONS mg/l:															
Alk-CaCO3		103	102	101	103	106	100	101	102	98	99	98	95	100	94
Bicarbonate (HCO3)		125	124	122	125	129	122	123	124	119	121	120	116	122	115
Calcium (Ca)		206	217	213	234	216	201	204	223	213	224	227	236	219	216
Carbonate (CO3)		-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		27.1	26.7	27.2	30	23.2	18.6	24.9	22.3	25.3	24	26	25	25	24
Fluoride (F)		0.13	0.14	0.14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Magnesium (Mg)		18.2	20	18.9	20.5	19.3	18.1	17.7	20.1	19.6	21.8	20.1	21.8	20.2	19.2
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		4.8	4.1	3.9	4.1	4.8	4.3	4.7	4	4.1	4.8	4.5	4.2	4.1	4.1
Silica (SiO2)		12.2	13.6	13.3	14	12.8	11.6	11.7	13.5	13.1	15	14	15	14	13
Sodium (Na)		50.7	53.5	51.9	53.2	50.2	52.3	49.5	53.8	51.6	53.6	52.9	51.3	51.5	50.9
Sulfate (SO4)		508	584	574	606	578	521	555	598	585	612	574	609	609	581
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		1315	1310	1290	1290	1300	1310	1310	1220	1300	1310	1310	1310	1280	1350
pH	GPS (6.8)	7.95	7.76	7.99	7.9	8	7.8	7.7	8.01	7.68	7.86	7.78	7.92	7.77	7.8
TDS @ 180 C.	GPS (500)	1020	1010	1010	1030	1000	1000	949	1020	1030	1050	929	1010	990	998
METALS-DISSOLVED mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.34	0.36	0.08	0.4	0.32	0.225	0.26	0.323	0.299	0.39	0.32	0.06	-0.05	-0.05
Lead, (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.11	0.12	0.11	0.1	0.11	0.12	0.1	0.11	0.1	0.12	0.11	0.11	0.11	0.11
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	0.001	-0.001	-0.001	0.001	0.001	-0.001	-0.001	-0.001	0.002	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.01	0.01	0.01	0.01	0.01	0.02	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	4.3	5.08	4.9	4.3328	5.416	4.6	5.3	5.8	4.4	4.1	4.7	4.6	4.5	4.6
Radium 226		1.9	2.8	1.9	2	3.4	1	3.1	3.4	1.8	3.4	3.8	2.3	2	2.1
Radium Precision +/-		0.4	0.3	0.2	0.3	0.4	0.2	0.4	0.4	0.5	0.7	0.8	0.6	0.5	0.7
Radium 228		10	7	-1	21	9.8	5.5	9.5	2	10.1	10.4	9.5	6.9	6	4.9
Radium Precision +/-		0.7	0.3		1.2	1	1	2.1	1.1	1.7	1.6	1.4	1.2	0.8	1
Combined Ra226/228	GPS (5.8)	11.9	9.8	1.9	23	13.2	6.5	12.6	5.4	11.9	13.8	13.3	9.2	8	7
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-								0.3							
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	4.4	2.2	2.7	2.9	7.2	6.2	2.3	3.5	2.2	2.3	6.8	1.8	2.6	2.6
Gross Alpha Precision +/-		1.2	1	1.2	1.2	1.5	2.2	1	1.1	1	1.1	1.6	1.2	0.8	0.7
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		1.15	1.03	1.05	1.02	1.03	1.13	1.02	1.04	1.06	1.04	0.95	0.99	0.99	1.04
(LAB: Energy Labs Inc. unless noted.)															

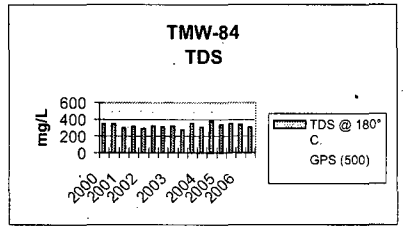


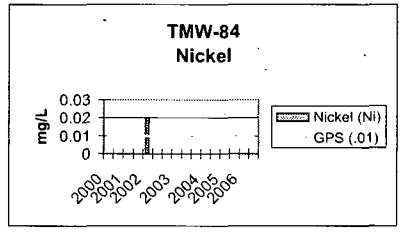


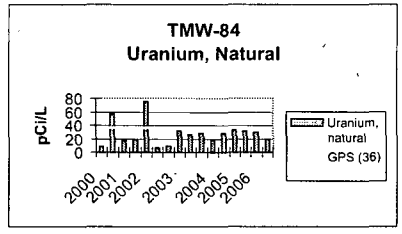


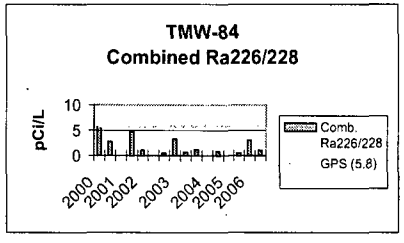
KENNECOTT URANIUM COMPANY																	
TMW-84																	
NORTHING: 150,506.27	Groundwater	2000		2001		2002			2003			2004		2005		2006	
EASTING: 326,376.61	Protection																
ND=Non-detectable	Standard	5/10/00	11/9/00	5/17/01	11/14/01	5/6/02	7/29/02	11/18/02	3/10/03	5/12/03	11/10/04	5/5/04	11/3/04	5/3/05	12/17/05	5/8/06	11/19/06
FIELD DATA mg/l:	(GPS)																
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	8	13	13	12	10.1	12.3	10.3
pH (Std. Units)		7.4	7.2	7.3	7.5	7.2	6.7	6.6	7.2	7.2	6.8	7.2	7.5	7.2	7.56	7.6	7.39
Cond. (umho/cm)		380	540	440	460	380	420	400	480	460	500	460	380	440	370	505	494
TDS																	
MAJOR IONS mg/l:																	
Alk-CaCO3		98	99	100	103	104	103	97	103	101	104	101	102	101	95	104	100
Bicarbonate (HCO3)		119	120	123	126	126	125	118	125	123	126	123	125	123	116	127	122
Calcium (Ca)		69.7	72.6	57.8	62.2	56.1	55.2	56.9	71	64.9	71	62.5	74.8	83.3	75.6	71.5	66.9
Carbonate (CO3)		-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		7.1	8.4	3	10	3.1	5	4.9	8.7	8.6	5.6	8.2	6	11	7	9	7
Fluoride (F)		0.18	0.19	0.18	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
Magnesium (Mg)		4.8	5.6	4.1	4.34	3.8	3.8	3.9	4.9	4.4	5	4.4	5.7	5.9	5.7	5.4	4.6
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		3.2	2.6	2.3	2.4	3	2.1	2.8	3	3.3	2.5	2.6	3.3	3.1	2.9	2.9	2.9
Silica (SiO2)		11.8	11	12.4	13	12.6	12.2	11.4	11	10.9	12.1	12.2	12	11	12	11	13
Sodium (Na)		34.1	34.9	32.1	32.6	30.8	31.9	33.4	34	32.8	34.1	32.8	34.3	36.7	32.3	33.3	32.2
Sulfate (SO4)		146	162	120	123	113	116	113	149	141	151	130	156	174	155	159	145
NON-METALS:																	
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:																	
Cond (umho/cm)		541	552	464	462	449	453	473	538	499	544	497	534	589	531	522	525
pH	GPS (6.8)	8.14	7.93	8.12	8.1	8.04	8.07	7.91	7.87	7.89	8.06	8.03	8.13	8.01	7.53	8.05	8.15
TDS @ 180° C.	GPS (500)	348	348	302	315	290	322	312	324	276	353	306	379	337	344	342	310
TRACE METALS mg/l:																	
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	0.003	0.002	0.002	0.018	0.002	0.001	0.002	0.001	0.003	0.002	0.007	0.01	0.019	0.025	0.023
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	0.002	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
Lead, (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	-0.01	-0.01	-0.01	-0.01	0.1	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	0.0004	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	0.004	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	-0.01	-0.01	-0.01	0.19	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:																	
Uranium, natural	GPS (36)	8.2	56.4	18.1	18.956	75.147	6.6	9	31.2	26	28.3	17.3	27.8	33.5	31.6	30	19.1
Radium 226		0.8	0.6	-0.2	0.4	1	-0.2	0.5	1.3	0.7	1.2	-0.2	0.8	-0.2	0.5	1	1.1
Radium Precision +/-		0.2	0.3		0.2	0.3		0.2	0.3	0.2	0.2		0.4		0.4	0.3	0.5
Radium 228		4.8	2.2	-1	4.4	-1	-1	-1	2	-1	-1	-1	-1	-1	-1	2	-1
Radium Precision +/-		0.2	0.2		1				1							1	
Combined Ra226/228	GPS (5.8)	5.6	2.8	0	4.8	1	0	0.5	3.3	0.7	1.2	0	0.8	0	0.5	3	1.1
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-										0.3							
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-																	
Gross Alpha	GPS (15)	-1	-1	-1	-1	3.2	-1	-1	2.2	-1	-1	-1	-1	1.5	-1	1.2	-1
Gross Alpha Precision +/-						1.1			1					1.1		0.6	
QUALITY ASSURANCE DATA:																	
TDS A/C Balance (dec. %)		1.03	0.97	1.03	1.05	1.01	1.11	1.09	0.93	0.84	1.06	0.97	1.07	0.88	0.99	0.96	0.93
(LAB: Energy Labs Inc. unless noted.)																	



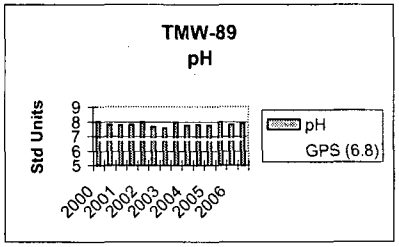


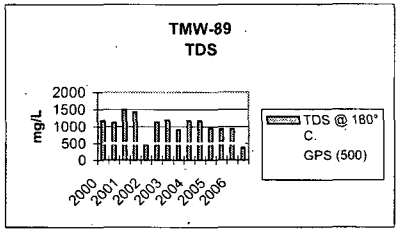


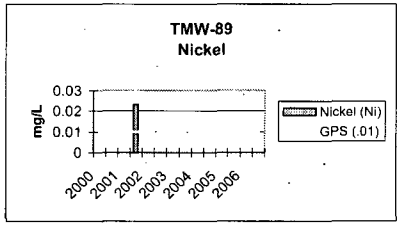


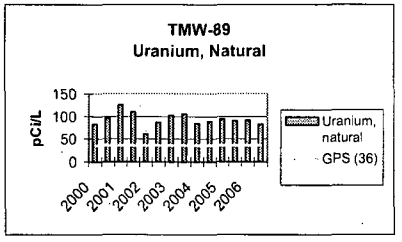


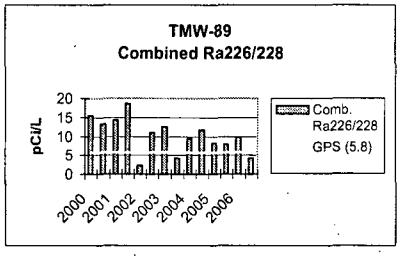
KENNECOTT URANIUM COMPANY															
TMW-89															
NORTHING: 150,809.67 EASTING: 326,137.13	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	5/10/00	11/9/00	5/17/01	11/14/01	5/7/02	11/18/02	5/12/03	11/10/03	5/5/04	11/3/04	5/3/05	12/17/05	5/8/06	11/19/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	14	11	10	8.3	12	10
pH (Std. Units)		7.3	7.1	7.3	7.3	7.3	6.8	6.9	6.8	6.9	7.2	7.1	7.41	7.3	7.34
Cond (umho/cm)		900	1280	1420	1340	600	960	960	860	980	740	860	760	116.5	591
TDS															
MAJOR IONS mg/l:															
Alk-CaC03		79	80	61	62	93	61	59	75	58.2	63	67	70	76	90
Bicarbonate (HCO3)		96	98	73	75	113	74.4	72	90.9	71	77	82	85	93	110
Calcium (Ca)		230	240	313	319	98.4	221	252	199	243	246	231	221	202	72.8
Carbonate (CO3)		-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		30.8	27.7	38.4	39	9.4	20.3	30.9	17.9	27.2	25	24	22	24	7
Fluoride (F)		0.14	0.15	0.13	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2
Magnesium (Mg)		22.4	24.3	30.4	30.9	9.3	21.3	24.1	18.9	23.7	25.6	22	21.9	19.9	7.2
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		5.8	5.2	6.3	6.3	3.9	6	6	4.8	5.7	6.2	5.6	5.1	4.9	3
Silica (SiO2)		6.8	7.5	3.4	4	8.6	3.8	3.2	5	3.6	4	4	6	6	5
Sodium (Na)		51.9	53.7	60.6	60.1	33.9	53.9	55.8	49.4	55.2	55.1	52.6	46.6	47.8	29.3
Sulfate (SO4)		608	663	910	905	235	618	743	540	701	713	625	592	582	174
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		1455	1430	1790	1690	680	1440	1540	1220	1450	1430	1350	1230	1200	631
pH	GPS (6.8)	8.01	7.79	7.75	7.8	7.99	7.68	7.56	7.98	7.74	7.78	7.74	7.97	7.82	7.87
TDS @ 180° C.	GPS (500)	1160	1110	1500	1420	459	1130	1190	905	1170	1170	945	924	922	378
METALS-DISSOLVED mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.002	0.003	0.003	0.003	-0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.002	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.09	0.09	0.1	0.09	0.04	0.08	0.08	0.06	0.07	0.09	0.06	0.06	0.06	0.03
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	*0.023*	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	0.002	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.002	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V205)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.02	-0.01	0.01	-0.01	0.02	0.01	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	82.5	95.5	125	108.997	60.1853	86	103	106	84.3	88.5	94.4	89.8	91.5	81.6
Radium 226		5.9	6.2	6.3	5.5	2.3	6.2	5.3	4.1	5.1	5.6	4.5	3.6	4.2	2
Radium Precision +/-		0.4	0.3	0.4	0.4	0.4	0.5	0.4	0.4	0.9	0.9	1.2	0.8	0.7	0.7
Radium 228		9.6	7	7.9	13.1	-1	4.8	7.3	-1	4.3	6.1	3.7	4.3	5.6	2.2
Radium Precision +/-		0.7	0.2	1.3	1.1		1	1.3		1.6	1.5	1.2	1.1	1.1	0.9
Combined Ra226/228	GPS (5.8)	15.5	13.2	14.2	18.6	2.3	11	12.6	4.1	9.4	11.7	8.2	7.9	9.8	4.2
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-								0.2							
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	9.2	6.7	7.7	6.9	6.1	6.2	6.4	3.6	4.9	4.9	7.9	4.2	4	1.8
Gross Alpha Precision +/-		1.7	1.5	1	1.5	1.4	2.2	1.3	1.1	1.3	1.4	1.7	1.5	1	0.6
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		1.15	1.04	1.07	1.01	1	1.14	1.03	1.03	1.07	1.05	0.94	0.97	0.99	1.07
(LAB: Energy Labs Inc. unless noted.)					*Revised Result*										









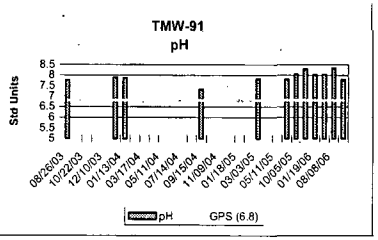


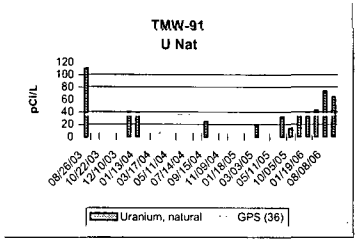
KENNECOTT URANIUM COMPANY																						
TMW-90																						
NORTHING: 148,611.42 EASTING: 323,958.91															Pump was down; re-started							
	2003				2004														2005			
ND = Non-detectable	08/26/03	09/08/03	09/15/03	10/14/03	01/19/04	02/11/04	03/17/04	04/06/04	05/01/04	06/10/04	07/13/04	08/05/04	09/20/04	10/12/04	11/04/04	12/07/04	12/08/04	01/19/05	02/09/05	03/16/05	04/11/05	05/10/05	07/18/05
FIELD DATA mg/l:																						
Temperature (C)	8	8	8	8	18	12	10	21		23	33	27	26	27	14	12		11	14	12	18	21	32
pH (Std. Units)	5.6	5.8	5.8	4.8	6.1	5.8	4.3	5.4		5	5.1	4.9	4.6	4.8	5.9	4.9		3.7	3.7	5.5	5.2	5	3.9
Cond. (umho/cm)	940	1080	1080	1000	880	1220	780	840		1000	580	700	700	680	840	N/A		1080	100	360	1080	1100	760
TDS									Pump														
MAJOR IONS mg/l:									down;														
Alk-CaCO3	40			2	3			6.2	pipe in		3			3				4			4		1
Bicarbonate (HCO3)	48.8			2.4	3.7			7.6	hole.		4			4				5			4		2
Calcium (Ca)	196			207	195			179			118			150				144			191		183
Carbonate (CO3)	-1			-1	-1			-1			-1			-1				-1			-1		-1
Chloride (Cl)	33.14			47.5	45.1			36.3			26			30				28			35		29
Fluoride (F)	0.2			0.4	0.3			0.2			0.2			0.2				0.2			0.2		0.2
Magnesium (Mg)	28			33.9	32.4			29			20			25.2				23			32.7		30
Nitrate-N (NO3)	6.8			-0.1	-0.1			-0.1			-0.1			-0.1				-0.1			-0.1		-0.1
Potassium (K)	49.8			5.1	5.7			5.5			4			5.9				4.9			5.8		4.8
Silica (SiO2)	55.6			54.8	45.6			44.9			43			44				50			34		50
Sodium (Na)	733			52.2	52.3			48.4			40			43				42.7			54.1		55.1
Sulfate (SO4)	-0.1			861	767			662			476			522				529			756		671
NON-METALS:																						
Cyanide (CN)	-0.005			-0.005	-0.005			-0.005			-0.005			-0.005				-0.005			-0.005		-0.005
PHYSICAL PROPERTIES:																						
Cond (umho/cm)	1400			1670	1510			1320			950			1180				1140			1540		1350
pH	6.04			4.69	4.96			6.22			4.82			5.14				4.73			5.43		4.68
TDS @ 180° C.	1140			1350	1190			996			809			887				918			1180		1080
METALS-DISSOLVED mg/l:																						
Aluminum (Al)	0.2			2.2	0.1			-0.1			-0.1			0.1				1.1			0.1		0.4
Arsenic (As)	-0.001	-0.5		-0.002	-0.001			0.001			-0.001			-0.001				-0.001			0.002		-0.001
Barium (Ba)	-0.1	-10		-0.1	-0.1			-0.1			-0.1			-0.1				-0.1			-0.1		-0.1
Beryllium (Be)	-0.01			-0.01	-0.01			-0.01			-0.01			-0.01				-0.01			-0.01		-0.01
Boron (B)	0.16			0.15	0.12			0.11			0.1			0.1				0.1			-0.1		-0.1
Cadmium (Cd)	-0.005	-0.1		0.006	-0.005			-0.005			-0.005			-0.005				-0.005			-0.005		-0.005
Chromium (Cr)	-0.01	-0.5		-0.01	-0.01			-0.01			-0.01			-0.01				-0.01			-0.01		-0.01
Cobalt (Co)	0.06			0.087	0.071			0.059			0.04			0.005				0.036			0.071		0.067
Copper (Cu)	-0.01			0.03	0.03			-0.01			-0.01			-0.01				-0.01			-0.01		0.04
Iron (Fe)	28.4			49	29.1			25.1			15.1			17.4				36.5			16.7		19.3
Lead (Pb)	-0.01	-0.5		0.02	-0.01			-0.01			-0.03			-0.01				0.01			-0.01		-0.01
Manganese (Mn)	1.33			1.49	1.2			1.17			0.83			1				0.65			1.52		1.3
Mercury (Hg)	-0.0002	-0.02		-0.0004	-0.0002			-0.0002			-0.0002			-0.0002				-0.0002			-0.0002		-0.0002
Molybdenum (Mo)	-0.01			-0.01	-0.01			-0.01			-0.08			-0.01				-0.01			-0.01		-0.01
Nickel (Ni)	0.07			0.12	0.09			0.09			0.05			0.07				0.05			0.09		0.09
Selenium (Se)	0.013	-0.1		0.01	0.009			0.007			0.006			0.006				0.005			0.007		0.006
Silver (Ag)	-0.01	-0.5		-0.01	-0.01			-0.01			-0.01			-0.01				-0.01			-0.01		-0.01
Thallium (Tl)	-0.01			-0.01	-0.01			-0.01			-0.01			-0.01				-0.01			-0.01		-0.01
Vanadium (V2O5)	-0.1			-0.1	-0.1			-0.1			-0.1			-0.1				-0.1			-0.1		-0.1
Zinc (ZN)	0.65			0.67	0.66			0.26			0.27			0.34				0.77			0.43		0.036
RADIOMETRIC pCi/l:																						
Uranium, natural	162			240	126			27.8			40.4			42.2				157			52.4		364
Radium 226	23			10.8	15.2			13.7			11.5			9.4				14.8			11.4		10
Radium Precision +/-	1.6			0.7	1.3			1.2			0.6			1				1.3			1.2		1.7
Radium 228	5.6			11.3	3.4			15.6			7.5			8.9				2.5			14.8		10.3
Radium Precision +/-	1.7			2.1	1.5			1.8			1.1			1.5				1.4			1.2		1.5
Comb. Ra226/228	28.6			22.1	18.6			29.3			19			18.3				17.3			26.2		20.3
Thorium 230	-0.2			-0.2	-0.2			-0.2			-0.2			-0.2				3.7			-0.2		-0.2
Thorium Precision +/-																		1					
Lead (Pb210)	-2.7			-2.7	-2.7			-1			-1			-1				-1			-1		-1
Lead Precision +/-																							
Gross Alpha	22.1			12.1	22.2			14.8			10.4			10.8				15.7			12.5		17
Gross Alpha Precision +/-	2.2			1.1	1.5			1.1			1			1				1.5			1.2		2.8
QUALITY ASSURANCE DATA:																						
TDS A/C Balance (dec. %)	0.98			1.12	1.08			1.03			1.11			1.08				1			1.06		1.06
ORGANICS mg/L:																						
Diesel Range Organics (DRO)		11	13	45	1500	13	11	94		320	43	13	9	12	12	*		41000	737000	17	14	9.3	11
Gasoline Range Organics (GRO)		0.132	0.117	0.105	0.093	105	0.058	0.129		0.056	0.08	0.036	0.05	ND	ND	ND		0.131	ND	0.923	0.087	0.045	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																						
1,1-Dichloroethane		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND
1,1-Dichloroethene		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND		0.001	ND	ND	ND	ND	ND
Methyl ethyl ketone		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND		0.03	ND	ND	ND	ND	ND
Naphthalene		0.021	0.025	0.035	0.067	0.028	0.0026	0.034		0.0019	0.0028	ND	ND	ND	ND	ND		ND	0.034	0.0031	ND	ND	ND
Toluene		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane		ND	ND	0.0028	ND	ND	0.0025	0.0055		0.0011	0.0016	ND	ND	ND	0.0018	ND		0.023	0.025	ND	ND	ND	ND
1,2,4-Trimethylbenzene		ND	ND	ND	ND	ND	ND	0.0037		ND	ND	ND	ND	ND	ND	ND		0.0011	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene		ND	ND	ND	ND	ND	ND	0.0011		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND
m+p Xylenes		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND
(1) - EPA MCL																							
(2) - WY Drinking Water Equivalent Level																* Total Extractable Hydrocarbons = 87.1%							
(3) - WY VRP, Fact Sheet 12																							
(4) - EPA RBC - Tap Water																							
(LAB: Energy Labs Inc. unless noted.)																							

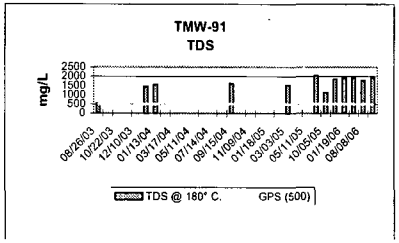
KENNECOTT URANIUM COMPANY				
TMW-90				
NORTHING: 148,611.42 EASTING: 323,958.91			2006	
ND = Non-detectable	10/05/05	10/31/05	01/19/06	04/04/06
FIELD DATA mg/l:				
Temperature (C)	12.7		8.9	13.9
pH (Std. Units)	4.69		4.68	5.16
Cond. (umho/cm)	780		924	490
TDS				
MAJOR IONS mg/l:				
Alk-CaCO3	2	-1	-1	6
Bicarbonate (HCO3)	3	-1	-1	8
Calcium (Ca)	257	264	268	81.2
Carbonate (CO3)	-1	-1	-1	-1
Chloride (Cl)	43	43	47	12
Fluoride (F)	0.2	-0.1	0.5	0.2
Magnesium (Mg)	37.9	41.9	42	11.6
Nitrate-N (NO3)	-0.1	-0.1	-0.1	-0.1
Potassium (K)	5.5	6	6.5	2.8
Silica (SiO2)	38	56	50	56
Sodium (Na)	67.9	64.2	71.2	34.3
Sulfate (SO4)	904	979	1080	317
NON-METALS:				
Cyanide (CN)	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:				
Cond (umho/cm)	1730	1820	2130	747
pH	5	4.93	5.02	6.1
TDS @ 180° C.	1410	1400	1870	583
METALS-DISSOLVED mg/l:				
Aluminum (Al)	0.3	1.9	3.9	0.2
Arsenic (As)	-0.001	-0.001	-0.001	0.002
Barium (Ba)	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	-0.01	-0.01	-0.01	-0.01
Boron (B)	-0.1	0.1	-0.1	0.1
Cadmium (Cd)	-0.005	-0.005	0.005	-0.005
Chromium (Cr)	-0.01	-0.01	0.01	-0.01
Cobalt (Co)	0.091	0.106	0.137	0.036
Copper (Cu)	0.03	0.27	0.03	-0.01
Iron (Fe)	13.6	33.8	68.6	21.9
Lead (Pb)	-0.01	-0.01	0.01	-0.01
Manganese (Mn)	1.62	1.92	2	0.64
Mercury (Hg)	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	0.11	0.13	0.17	0.05
Selenium (Se)	0.005	0.007	0.025	0.008
Silver (Ag)	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)	0.46	0.5	1.77	0.22
RADIOMETRIC pCi/l:				
Uranium, natural	138	530	195	63.8
Radium 226	11.8	12.8	12.4	18.8
Radium Precision +/-	1.4	1.2	1.7	1.4
Radium 228	16.7	15.4	19.4	-1
Radium Precision +/-	1.7	1.6	1.5	
Comb. Ra226/228	28.5	28	31.8	18.8
Thorium 230	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-				
Lead (Pb210)	-1	-1	-1	-1
Lead Precision +/-				
Gross Alpha	13.1	13.4	16	19.8
Gross Alpha Precision +/-	2.5	2.2	2.2	2.3
QUALITY ASSURANCE DATA:				
TDS A/C Balance (dec. %)	1.04	0.97	1.19	1.12
ORGANICS mg/L:				
Diesel Range Organics (DRO)	13	7.4	800000	200
Gasoline Range Organics (GRO)	0.044	ND	ND	0.15
VOLATILE ORGANIC COMPOUNDS				
1,1-Dichloroethane	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND
Methyl ethyl ketone	ND	ND	ND	ND
Naphthalene	ND	ND	0.12	0.034
Toluene	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	0.014
1,2,4-Trimethylbenzene	ND	ND	ND	0.0065
1,3,5-Trimethylbenzene	ND	ND	ND	ND
m+p Xylenes	ND	ND	ND	ND
(1) - EPA MCL				
(2) - WY Drinking Water Equivalent Level				
(3) - WY VRP, Fact Sheet 12				
(4) - EPA RBC - Tap Water				
(LAB: Energy Labs Inc. unless noted.)				

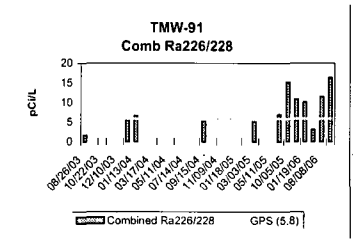
KENNECOTT URANIUM COMPANY																										
TMW-91																										
NORTHING: 148,518.38	Groundwater																									
EASTING: 323,956.86	Protection	2003						2004												2005						
ND = Non-detectable	Standard	08/26/03	09/18/03	10/22/03	11/12/03	12/10/03	12/31/03	01/13/04	02/16/04	03/17/04	04/12/04	05/11/04	06/15/04	07/14/04	08/05/04	09/15/04	10/13/04	11/09/04	12/08/04	01/18/05	02/07/05	03/03/05	04/12/05	05/11/05	07/14/05
FIELD DATA mg/l:	(GPS)																									
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	9	10	12	15	11	11	10	10	8	12	10	8	11		20
pH (Std. Units)		6.3	6.8	6.8	6.7	7.2	7.3	7.9	7.2	7.1	6.8	7.8	7.2	7.1	7.1	6.9	7.2	7.6	6.8	7.3	8.1	6.9	6.8		7.1
Cond. (umho/cm)		520	860	980	900	1100	1080	1240	1100	1240	960	1000	1280	960	920	1020	920	820	1180	1180	1650	1180	1240		1040
TDS																										
MAJOR IONS mg/l:																										
Alk-CaCO3		85					121	118								115						109			120
Bicarbonate (HCO3)		103					148	143								140						133			146
Calcium (Ca)		65.9					355	320								370						379			461
Carbonate (CO3)		-1					-1	-1								-1						-1			-1
Chloride (Cl)		17.6					67	43.6								47						54			73
Fluoride (F)		0.3					-1	0.1								0.2						0.1			0.1
Magnesium (Mg)		7.3					33	26.4								27.7						28.8			36.4
Nitrate-N (NO3)		-0.1					-0.1	-0.1								-0.1						-0.1			-0.1
Potassium (K)		5.2					6.3	5.6								5.3						5.6			5.3
Silica (SiO2)		8.5					13	11.1								12						13			12.6
Sodium (Na)		87.8					72	69.5								71.4						74.5			86.3
Sulfate (SO4)		303					908	839								912						932			1220
NON-METALS:																										
Cyanide (CN)		-0.005					-0.005	-0.005								-0.005						-0.005			-0.005
PHYSICAL PROPERTIES:																										
Cond (umho/cm)		801					1800	1920								1790						1840			2290
pH	GPS (6.8)	7.76					7.89	7.86								7.34						7.82			7.8
TDS @ 180° C.	GPS (500)	534					1440	1570								1620						1530			2040
METALS-DISSOLVED mg/l:																										
Aluminum (Al)	GPS (1.8)	-0.1					-0.1	-0.1								-0.1						-0.1			-0.1
Arsenic (As)	GPS (.05)	0.002					0.002	-0.001								-0.001						-0.001			-0.001
Barium (Ba)		-0.1					-0.1	-0.1								-0.1						-0.1			-0.1
Beryllium (Be)	GPS (.01)	-0.01					-0.01	-0.01								-0.01						-0.01			-0.01
Boron (B)		-0.1					-0.1	-0.1								-0.1						-0.1			-0.1
Cadmium (Cd)	GPS (.01)	-0.005					-0.005	-0.005								-0.0005						-0.0005			-0.0005
Chromium (Cr)	GPS (.05)	-0.01					-0.01	-0.01								-0.01						-0.01			-0.01
Cobalt (Co)		0.003					0.003	0.002								0.001						0.001			0.001
Copper (Cu)		-0.01					-0.01	-0.01								-0.01						-0.01			-0.01
Iron (Fe)	GPS (0.6)	-0.05					-0.05	0.209								0.49						-0.01			0.36
Lead (Pb)		-0.01					-0.01	-0.01								-0.01						-0.01			-0.01
Manganese (Mn)	GPS (0.2)	0.08					0.34	0.36								0.31						0.28			0.33
Mercury (Hg)		0.0005					-0.0002	-0.0002								0.0003						-0.0002			-0.0002
Molybdenum (Mo)		-0.01					-0.01	-0.01								-0.08						-0.01			-0.01
Nickel (Ni)	GPS (.01)	-0.01					-0.01	-0.01								0.01						-0.01			-0.01
Selenium (Se)	GPS (.01)	0.003					-0.001	-0.001								-0.001						0.002			0.001
Silver (Ag)		-0.01					-0.01	-0.01								-0.01						-0.01			-0.01
Thallium (Tl)		-0.01					-0.01	-0.01								-0.01						-0.01			-0.01
Vanadium (V2O5)		-0.1					-0.1	-0.1								-0.1						-0.1			-0.1
Zinc (ZN)		0.04					0.27	0.03								0.07						0.05			-0.01
RADIOMETRIC pCi/l:																										
Uranium, natural	GPS (36)	110					39.8	37.9								24.4						19.9			32.5
Radium 226		1.6					2.5	3.1								2.5						2.7			4.4
Radium Precision +/-		0.3					0.3	0.6								0.7						0.6			0.9
Radium 228		-1					3.3	3.5								2.7						2.4			2.5
Radium Precision +/-							1.2	0.9								1.6						1.3			1.2
Combined Ra226/228	GPS (5.8)	1.6					5.8	6.6								5.2						5.1			6.9
Thorium 230	GPS (7.0)	-0.2					-0.2	-0.2								-0.2						-0.2			-0.2
Thorium Precision +/-																										
Lead (Pb210)	GPS (8.9)	-2.7					-2.7	-2.7								-1						-1			-1
Lead Precision +/-																										
Gross Alpha	GPS (15)	2.5					3.6	4								4.7						4.7			5.8
Gross Alpha Precision +/-		1					1.2	1.4								1.3						1.6			1.7
QUALITY ASSURANCE DATA																										
TDS A/C Balance (dec. %)								1.14								1.07						0.99			1.04
ORGANICS mg/L:																										
Diesel Range Organics (DRO)	GPS 10 (3)	130	40	52	6.2	35	130	16	21	6.7	5.7	21	3.1	1.9	2.6	2.7	1.1	2.4	3.6	1.9	2	2.6	1.4	2.3	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	1.9	1.5	0.749	0.182		1.9	0.046		ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																										
Chloromethane	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0024	ND	ND	0.018
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	0.058	0.03	0.017	0.0046	0.0027	0.058	ND	0.0014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	0.015	ND	ND	ND	ND	0.015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
(1) - EPA MCL																										
(2) - WY Drinking Water Equivalent Level																										
(3) - WY VRP, Fact Sheet 12																										
(4) - EPA RBC - Tap Water																										
(LAB: Energy Labs Inc. unless noted.)																										

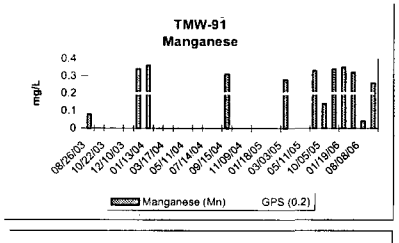
KENNECOTT URANIUM COMPANY							
TMW-91							
NORTHING: 148,518.38	Groundwater						
EASTING: 323,956.86	Protection			2006			
ND = Non-detectable	Standard	10/05/05	12/22/05	01/19/06	04/05/06	08/08/06	11/15/06
FIELD DATA mg/l:	(GPS)						
Temperature (C)	as of 5/26/05	12.7	7.8	8.4	10.8	24.9	6.7
pH (Std. Units)		7.55	7.33	7.49	7.61	8.4	7.26
Cond. (umho/cm)		820	1300	1160	1060	2340	2280
TDS							
MAJOR IONS mg/l:							
Alk-CaCO3		110	110	108	106	36	110
Bicarbonate (HCO3)		134	134	131	129	44	134
Calcium (Ca)		250	386	395	451	360	412
Carbonate (CO3)		-1	-1	-1	-1	-1	-1
Chloride (Cl)		40	75	67	72	64	62
Fluoride (F)		0.2	0.1	-0.1	0.1	0.1	0.1
Magnesium (Mg)		19.2	30	32.5	37.5	33.1	32
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		4.2	5.7	5.5	5.4	6.2	5.6
Silica (SiO2)		13	11	9	10	7	9
Sodium (Na)		57.7	74.2	74.6	76.6	70.1	76.7
Sulfate (SO4)		619	999	1040	1130	976	1040
NON-METALS:							
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:							
Cond (umho/cm)		1430	2180	2200	2200	2190	2240
pH	GPS (6.8)	8.05	8.29	8.01	8.03	8.33	7.8
TDS @ 180° C.	GPS (500)	1120	1850	1900	1920	1780	1910
METALS-DISSOLVED mg/l:							
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	0.002	0.001	0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.05	0.08	-0.05	-0.05	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.14	0.34	0.35	0.32	0.04	0.26
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	0.01	0.02	0.02	0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	0.002	0.002	-0.002	0.002
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	0.02	0.02	0.01	-0.01	0.07
RADIOMETRIC pCi/l:							
Uranium, natural	GPS (36)	13.7	33.9	39.6	42.2	73.5	63.4
Radium 226		6.6	3.8	2.7	3.1	3.7	7.9
Radium Precision +/-		1.1	0.7	0.8	0.6	0.7	1
Radium 228		8.5	7	7.4	-1	7.7	8.4
Radium Precision +/-		1.5	1.2	1.7		0.9	1.2
Combined Ra226/228	GPS (5.8)	15.1	10.8	10.1	3.1	11.4	16.3
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-							
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-1
Lead Precision +/-							
Gross Alpha	GPS (15)	7.8	5.7	3.6	4.3	4.6	7.1
Gross Alpha Precision +/-		1.9	1.4	1.1	1.1	1.3	0.7
QUALITY ASSURANCE DATA							
TDS A/C Balance (dec. %)		1.05	1.12	1.12	1.04	1.16	1.12
ORGANICS mg/L:							
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:							
Chloromethane	0.12	0.018	0.018	0.0047	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND
(1) - EPA MCL							
(2) - WY Drinking Water Equivalent Level							
(3) - WY VRP, Fact Sheet 12							
(4) - EPA RBC - Tap Water							
(LAB: Energy Labs Inc. unless noted.)							

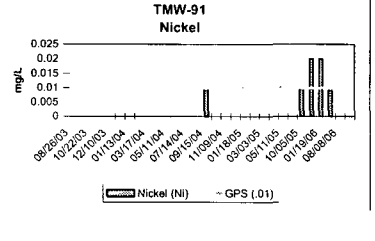


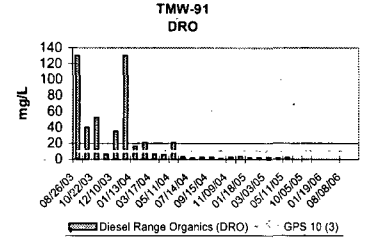




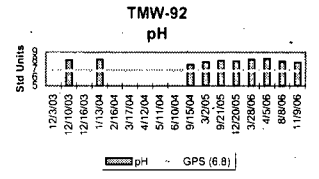


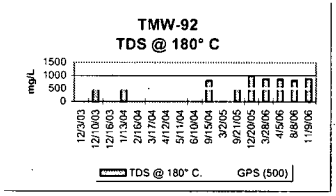


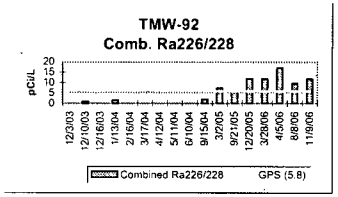




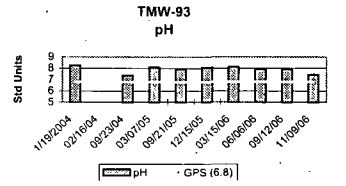
KENNECOTT URANIUM COMPANY																		
TMW-92																		
NORTHING: 148,504.47	Groundwater																	
EASTING: 323,951.33	Protection	2003			2004							2005			2006			
ND = Non-detectable	Standard	12/3/2003	12/10/03	12/16/03	01/13/04	02/16/04	03/17/04	04/12/04	05/11/04	06/10/04	09/15/04	03/02/05	09/21/05	12/20/05	03/28/06	04/05/06	08/08/06	- 11/09/06
FIELD DATA mg/l:	(GPS)																	
Temperature (C)	as of 5/26/05		8		8	8	8	9	10	10	10	12	8.4	8.6	10.4	11.3	15.4	8.5
pH (Std. Units)			7.5		8.6	7.8	7.3	7.4	7.8	7.1	7.1	6.9	7.49	7.39	7.58	7.71	7.54	7.23
Cond. (umho/cm)			640		640	640	600	660	900	860	720	700	440	940	820	730	1050	1129
TDS																		
MAJOR IONS mg/l:																		
Alk-CaCO3			87		68						103	101	108	100	106	106	98	98
Bicarbonate (HCO3)			106		83						126	123	132	122	130	129	120	120
Calcium (Ca)			99.3		65.3						176	170	105	216	192	194	168	189
Carbonate (CO3)			-1		-1						-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)			9.3		15						22	21	11	26	31	23	24	24
Fluoride (F)			0.2		0.2						0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Magnesium (Mg)			8		6.9						12.4	11.7	7.3	15.3	14.1	13.6	11.7	13.4
Nitrate-N (NO3)			-0.1		0.14						-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)			13.7		15.4						4	4.6	3	4.3	15.6	5.7	4.9	3.9
Silica (SiO2)			13.1		10.8						12	12	13	13	14	14	12	12
Sodium (Na)			49.1		65.5						49.1	47	38.7	54.6	49.4	49.2	49.6	49.6
Sulfate (SO4)			275		252						434	403	256	536	482	470	426	483
NON-METALS:																		
Cyanide (CN)			-0.005		-0.005						-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:																		
Cond (umho/cm)			736		738						1020	1050	758	1270	1190	1130	1120	1240
pH	GPS (6.8)		8.06		8.16						7.53	7.82	7.98	7.94	8.16	8.22	7.87	7.8
TDS @ 180° C.	GPS (500)		493		491						805	7.46	496	974	876	858	808	886
METALS-DISSOLVED mg/l:																		
Aluminum (Al)	GPS (1.8)		-0.1		-0.1						-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)		-0.001		0.001						-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)			-0.1		-0.1						-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)		-0.01		-0.01						-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)			-0.1		-0.1						-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	1.1
Cadmium (Cd)	GPS (.01)		-0.005		-0.005						-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)		0.01		0.02						-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)			-0.001		-0.001						-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)			-0.01		-0.01						-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)		-0.05		-0.05						0.13	0.15	-0.05	0.08	0.13	-0.05	-0.05	1.05
Lead (Pb)			-0.01		-0.01						-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)		0.03		0.01						0.11	0.11	0.07	0.14	0.12	0.11	0.1	0.12
Mercury (Hg)			-0.0002		0.001						0.0003	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)			-0.01		-0.01						-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)		-0.01		-0.01						-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)		0.002		-0.001						-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	-0.001
Silver (Ag)			-0.01		-0.01						-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)			-0.01		-0.01						-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)			-0.1		-0.1						-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)			-0.01		0.01						0.01	-0.01	-0.01	-0.01	0.02	0.01	-0.01	-0.01
RADIOMETRIC pCi/l:																		
Uranium, natural	GPS (36)		9.9		32.5						7.1	5.1	3.5	5.6	5.2	4.9	3.2	5.2
Radium 226			0.9		1.6						2	2.6	2.4	2.6	3.8	2.1	2.8	3.6
Radium Precision +/-			0.3		0.5						0.7	0.6	0.6	0.6	0.6	0.5	0.6	0.8
Radium 228			-1		-1						-1	4.7	2.9	9.3	7.9	15.2	6.6	8.1
Radium Precision +/-												1	0.9	1.3	0.9	1.2	0.8	1.2
Combined Ra226/228	GPS (5.8)		0.9		1.6						2	7.3	5.4	11.9	11.7	17.3	9.4	11.7
Thorium 230	GPS (7.0)		-0.2		-0.2						-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-																		
Lead (Pb210)	GPS (8.9)		-2.7		-2.7						-1	-1	-1	-1	-1	-1	-1	-1
Lead Precision +/-																		
Gross Alpha	GPS (15)		1.5		-1						3.8	5.6	3.4	5.4	2.7	2.3	3.3	3.4
Gross Alpha Precision +/-			1								1.2	1.1	1.4	1.2	1.1	0.9	1.1	0.6
QUALITY ASSURANCE DATA:																		
TDS A/C Balance (dec. %)			0.98		1.06						1.04	1.02	1	1.05	1.02	1.03	1.07	1.06
ORGANICS mg/L:																		
Diesel Range Organics (DRO)	GPS 10 (3)	3.8	ND	ND	ND	1.3	ND	ND	ND	ND				ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	ND		ND		ND	ND				ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																		
Chloromethane	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND				0.014	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	0.0035	ND	ND	ND	ND	ND	ND	ND	ND				ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	0.0014	ND	ND	ND	ND	ND	ND	ND				ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND	ND	ND	ND	ND
m+p-Xylenes	GPS 10 (1)	ND	0.0012	ND	ND	ND	ND	ND	ND	ND				ND	ND	ND	ND	ND
(1) - EPA MCL																		
(2) - WY Drinking Water Equivalent Level																		
(3) - WY VRP, Fact Sheet 12																		
(4) - EPA RBC - Tap Water																		
(LAB: Energy Labs Inc. unless noted.)																		

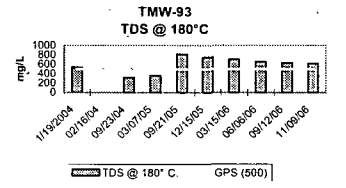


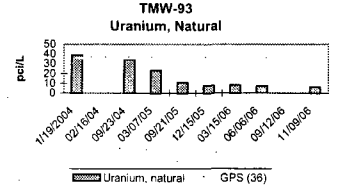


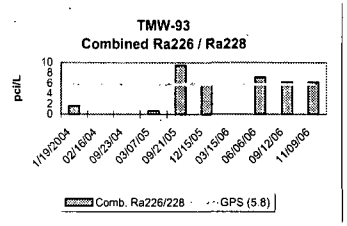


KENNECOTT URANIUM COMPANY											
TMW-93											
NORTHING: 148,399.92 EASTING: 324,099.96	Groundwater Protection	2004			2005			2006			
ND = Non-detectable	Standard	1/19/2004	02/16/04	09/23/04	03/07/05	09/21/05	12/15/05	03/15/06	06/06/06	09/12/06	11/09/06
FIELD DATA mg/l:	(GPS)										
Temperature (C)	as of 5/26/05	8	8	9	11	9.4	11.9	9.2	12.7	10.9	7.1
pH (Std. Units)		9.3	8.4	7.3	7.4	7.51	7.54	7.54	7.54	7.3	7.49
Cond. (umho/cm)		700	400	440	440	580	690	630	943	868	842
TDS											
MAJOR IONS mg/l:											
Alk-CaCO3		69		97	115	130	128	132	132	132	129
Bicarbonate (HCO3)		84.2		119	140	158	156	161	161	160	157
Calcium (Ca)		73.6		52.1	67.8	183	172	163	150	145	136
Carbonate (CO3)		-1		-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		23.2		6	5	18	14.	16	15	13	12
Fluoride (F)		0.3		0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.1
Magnesium (Mg)		7.6		5.1	5.9	14.6	14.5	13.3	12.6	10.9	10.3
Nitrate-N (NO3)		-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		7.7		3.5	2.5	3.6	3.6	3.5	4	3.3	3.4
Silica (SiO2)		11		10	10	13	14	13	14	13	13
Sodium (Na)		84.1		49.3	42.4	48.3	48.8	50.1	47	46.7	45.1
Sulfate (SO4)		325		137	162	462	418	372	359	342	313
NON-METALS:											
Cyanide (CN)		-0.005		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:											
Cond (umho/cm)		798		498	562	1140	1060	981	946	974	931
pH	GPS (6.8)	8.27		7.4	8.08	7.96	8.06	8.15	7.91	7.91	7.43
TDS @ 180° C.	GPS (500)	537		321	368	816	753	708	656	634	620
METALS-DISSOLVED mg/l:											
Aluminum (Al)	GPS (1.8)	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.006		0.005	0.003	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.05		-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
Lead (Pb)		-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.02		0.01	-0.01	0.11	0.11	0.1	0.09	0.1	0.08
Mercury (Hg)		0.0015		0.0009	0.0003	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	0.004		-0.001	-0.001	-0.001	-0.001	0.002	-0.001	-0.001	-0.001
Silver (Ag)		-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01		0.03	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:											
Uranium, natural	GPS (36)	38.8		34.4	23.2	11	8	8.3	7.1	6.8	6.3
Radium 226		1.6		-0.2	0.7	3.5	2.3	-0.2	2.2	1.8	2.7
Radium Precision +/-		0.5			0.3	0.7	0.7		0.5	0.5	0.7
Radium 228		-1		-1	-1	6	3.6	-1	5	4.5	3.5
Radium Precision +/-						1	1.1		1.1	0.9	1.1
Comb. Ra226/228	GPS (5.8)	1.6		0	0.7	9.5	5.9	0	7.2	6.3	6.2
Thorium 230	GPS (7.0)	-0.2		-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-											
Lead (Pb210)	GPS (8.9)	-1		-1	-1	-1	-1	-1	-1	-1	-1
Lead Precision +/-											
Gross Alpha	GPS (15)	2.5		-1	-1	4.8	1.5	2.6	2.9	2.2	1.9
Gross Alpha Precision +/-		1				1.6	1.3	1.2	1	0.5	0.5
QUALITY ASSURANCE DATA											
TDS A/C Balance (dec. %)		0.95		1	1.01	1	0.99	1	0.96	0.97	1.01
ORGANICS mg/L:											
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND				ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND					ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:											
Chloromethane	0.12	ND	ND				0.0057	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND				ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND				ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND				ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND				ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND				ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND				ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND				ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND				ND	ND	ND	ND	ND
(1) - EPA MCL											
(2) - WY Drinking Water Equivalent Level											
(3) - WY VRP, Fact Sheet 12											
(4) - EPA RBC - Tap Water											
(LAB: Energy Labs Inc. unless noted.)											

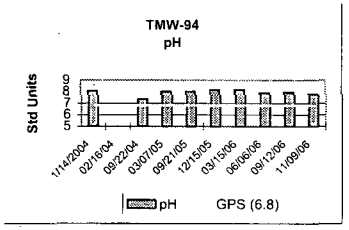


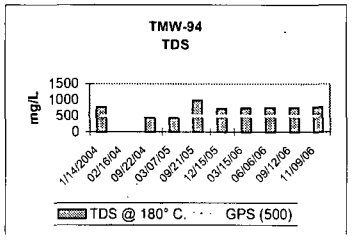


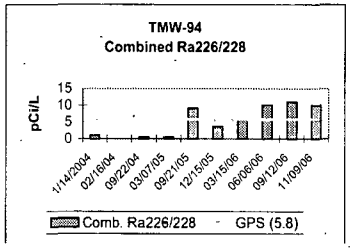




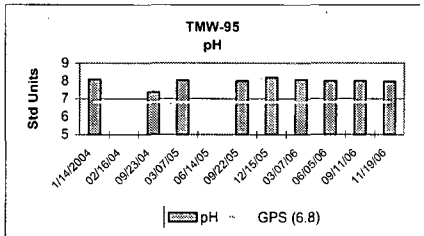
KENNECOTT URANIUM COMPANY											
TMW-94											
NORTHING: 148,400.13	Groundwater				2005			2006			
EASTING: 324,000.02	Protection	2004									
ND = Non-detectable	Standard	1/14/2004	02/16/04	09/22/04	03/07/05	09/21/05	12/15/05	03/15/06	06/06/06	09/12/06	11/09/06
FIELD DATA mg/l:	(GPS)										
Temperature (C)	as of 5/26/05	8	8	10	8	9.6	10.7	10.8	11.8	11.7	8
pH (Std. Units)		8.5	8	7.3	7.1	7.56	7.61	7.49	7.41	7.32	7.39
Cond. (umho/cm)		960	520	460	520	680	680	660	1050	1022	1028
TDS											
MAJOR IONS mg/l:											
Alk-CaCO3		98		113	110	115	130	138	136	130	128
Bicarbonate (HCO3)		120		138	135	140	159	168	165	158	157
Calcium (Ca)		132		48	72.7	212	172	175	174	179	170
Carbonate (CO3)		-1		-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		17.6		10	11	21	16	16	18	21	16
Fluoride (F)		0.2		0.3	0.2	0.1	0.2	0.1	0.2	0.1	0.1
Magnesium (Mg)		10.2		5.9	7.6	15.1	12.5	12.2	12.7	11.9	11.6
Nitrate-N (NO3)		-0.1		-0.1	-0.1	-0.1	19	-0.1	-0.1	-0.1	-0.1
Potassium (K)		5.8		4.2	4.1	3.9	3.8	3.6	4.3	4.3	3.8
Silica (SiO2)		10.2		11	13	14	15	15	15	14.3	14
Sodium (Na)		85.9		93.9	69.1	56.5	49.2	52.8	51.3	49.8	49.8
Sulfate (SO4)		444		202	215	565	400	395	429	439	407
NON-METALS:											
Cyanide (CN)		-0.005		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:											
Cond (umho/cm)		789		668	668	1310	1020	1030	1060	1140	1120
pH	GPS (6.8)	8.09		7.34	8.01	8	8.15	8.16	7.89	7.92	7.77
TDS @ 180° C.	GPS (500)	774		459	443	986	726	750	760	752	774
METALS-DISSOLVED mg/l:											
Aluminum (Al)	GPS (1.8)	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.006		0.002	0.002	0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.003		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.052		-0.05	-0.05	-0.05	-0.05	-0.05	0.09	-0.05	-0.05
Lead (Pb)		-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.07		-0.01	-0.01	0.14	0.11	0.1	0.11	0.12	0.12
Mercury (Hg)		0.0019		0.0014	0.0003	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		0.02		0.03	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001		-0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01		0.04	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.08
RADIOMETRIC pCi/l:											
Uranium, natural	GPS (36)	27.8		18.2	15.8	8.1	7	6.1	6.6	4.8	4.7
Radium 226		1		0.6	0.5	3.9	1.9	3.3	2.7	2.3	3.8
Radium Precision +/-		0.7		0.3	0.3	0.7	0.6	1.3	0.5	0.5	0.8
Radium 228		-1		-1	-1	5.2	1.7	2.6	7.4	8.7	6.2
Radium Precision +/-						1	1.1	0.9	1.1	1	1.1
Comb. Ra226/228	GPS (5.8)	1		0.6	0.5	9.1	3.6	5.9	10.1	11	10
Thorium 230	GPS (7.0)	-0.2		-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-											
Lead (Pb210)	GPS (8.9)	-2.7		-1	-1	-1	-1	-1	-1	-1	-1
Lead Precision +/-											
Gross Alpha	GPS (15)	7		-1	1.4	5.4	1.8	3.5	3.7	3	3.9
Gross Alpha Precision +/-		1			1.2	1.7	1.3	1.3	1.1	0.6	0.7
QUALITY ASSURANCE DATA:											
TDS A/C Balance (dec. %)		1.02		1.04	0.97	1.03	0.87	1	0.97	0.94	1.03
ORGANICS m/L:											
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND				ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND					ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:											
Chloromethane	0.12	ND	ND				0.011	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND				ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND				ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND				ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND				ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND				ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND				ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND				ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND				ND	ND	ND	ND	ND
(1) - EPA MCL											
(2) - WY Drinking Water Equivalent Level											
(3) - WY VRP, Fact Sheet 12											
(4) - EPA RBC - Tap Water											
(LAB: Energy Labs Inc. unless noted.)											

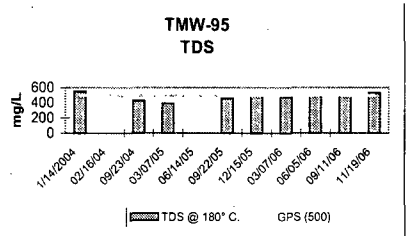


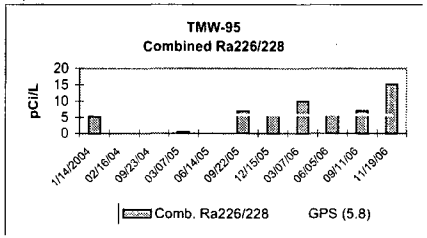




KENNECOTT URANIUM COMPANY												
TMW-95												
NORTHING: 148,399.94	Groundwater				2005				2006			
EASTING: 323,900.08	Protection	2004										
ND = Non-detectable	Standard	1/14/2004	02/16/04	09/23/04	03/07/05	06/14/05	09/22/05	12/15/05	03/07/06	06/05/06	09/11/06	11/19/06
FIELD DATA mg/l:	(GPS)											
Temperature (C)	as of 5/26/05	8	8	8	9		9	8.9	9.4	14.7	11.4	8.9
pH (Std. Units)		8.8	8	7.3	7.4		7.21	7.29	7.9	7.75	7.49	7.33
Cond. (umho/cm)		760	580	460	440		420	500	540	739	727	773
TDS												
MAJOR IONS mg/l:												
Alk-CaCO3		149		109	105		115	112	122	120	120	121
Bicarbonate (HCO3)		182		133	128		140	137	149	146	146	148
Calcium (Ca)		99.4		66.1	69.8		95.8	114	111	112	119	121
Carbonate (CO3)		-1		-1	-1		-1	-1	-1	-1	-1	-1
Chloride (Cl)		10.1		11	7		11	9	10	11	11	10
Fluoride (F)		0.2		0.2	0.2		0.1	0.2	0.2	0.2	0.1	0.7
Magnesium (Mg)		7.1		6.6	6.6		5.8	7	6.4	7.1	6.9	7.1
Nitrate-N (NO3)		0.14		-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		5.3		3.6	3.3		2.8	3.2	3	3.7	3.2	3.2
Silica (SiO2)		15.2		14	14		14	15	14	15	14	14
Sodium (Na)		59.7		69.4	53.4		39.1	41	42.4	42.6	44	42.9
Sulfate (SO4)		278		200	184		221	252	243	254	275	271
NON-METALS:												
Cyanide (CN)		-0.005		-0.005	-0.005		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:												
Cond (umho/cm)		1080		635	598		706	731	731	736	826	822
pH	GPS (6.8)	8.09		7.36	8.03		8	8.2	8.06	8	7.99	7.96
TDS @ 180° C.	GPS (500)	552		428	390		458	493	475	494	508	534
METALS-DISSOLVED mg/l:												
Aluminum (Al)	GPS (1.8)	-0.1		0.2	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.001		0.002	0.001		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1		-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01		-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1		-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005		-0.005	-0.005		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01		-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001		-0.001	-0.001		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01		-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.056		-0.05	-0.05		-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
Lead (Pb)		-0.01		-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.04		-0.01	-0.01		0.06	0.06	0.06	0.05	0.07	0.07
Mercury (Hg)		0.0008		0.0005	-0.0002		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01		0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01		-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001		-0.001	-0.001		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01		-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01		-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1		-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01		0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:												
Uranium, natural	GPS (36)	6		10.8	9		2.2	1.7	1.9	2.1	1.9	2.1
Radium 226		1.4		-0.2	0.5		2.8	2.2	3.6	2.1	2.4	4
Radium Precision +/-		0.5			0.3		0.6	0.6	0.7	0.5	0.6	0.9
Radium 228		3.9		-1	-1		4.2	3.8	6.4	3.9	4.6	11.2
Radium Precision +/-		1.2					0.9	1.1	1	1	0.9	1.1
Comb. Ra226/228	GPS (5.8)	5.3		0	0.5		7	6	10	5.6	7	15.2
Thorium 230	GPS (7.0)	-0.2		-0.2	-0.2		-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-												
Lead (Pb210)	GPS (8.9)	-2.7		-1	-1		-1	-1	-1	-1	-1	-1
Lead Precision +/-												
Gross Alpha	GPS (15)	1.5		1	1.6		4.3	2.1	5	1.8	2	3
Gross Alpha Precision +/-		1		1	1.2		1.5	1.3	1.4	0.9	0.5	0.7
QUALITY ASSURANCE DATA:												
TDS A/C Balance (dec. %)		1.01		0.98	0.97		1	0.97	0.94	0.96	0.93	0.99
ORGANICS mg/L:												
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND			ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND				ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:												
Chloromethane	0.12	ND	ND			ND	ND	0.012	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND			ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND			ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND			ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND			ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND			ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND			ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND			ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND			ND	ND	ND	ND	ND	ND	ND
(1) - EPA MCL												
(2) - WY Drinking Water Equivalent Level												
(3) - WY VRP, Fact Sheet 12												
(4) - EPA RBC - Tap Water												
(LAB: Energy Labs Inc. unless noted.)												

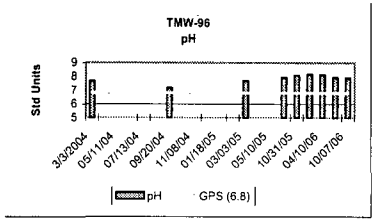


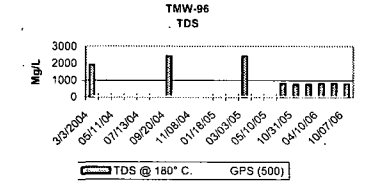


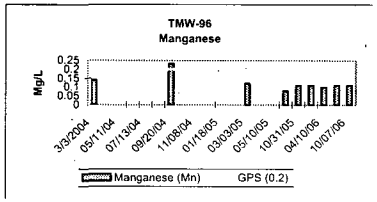


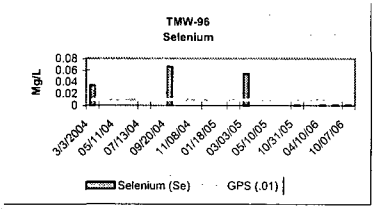
KENNECOTT URANIUM COMPANY																					
TMW-96																					
NORTHING: 148,500.01	Groundwater																				
EASTING: 323,807.75	Protection	2004										2005							2006		
ND = Non-detectable	Standard	3/3/2004	04/13/04	05/11/04	06/10/04	07/13/04	08/05/04	09/20/04	10/20/04	11/08/04	12/07/04	01/18/05	02/07/05	03/03/05	04/12/05	05/10/05	07/18/05	10/31/05	01/23/06	04/10/06	07/03/06
FIELD DATA mg/l:	(GPS)																				
Temperature (C)	as of 5/26/05	8	10	12	10	14	12	10	10	11	10	11	13	11	12	11	11		8.7	9.1	14.3
pH (Std. Units)		7.6	6.6	7.5	6.8	7.3	6.8	7.1	6.7	7.4	6.8	6.9	7.8	6.6	6.7	6.9	7.7		7.35	7.96	7.69
Cond. (umho/cm)		1360	1440	1800	1400	1020	1280	1140	1180	980	1100	2200	2400	1460	1580	1560	560		760	720	1051
TDS																					
MAJOR IONS mg/l:																					
Alk-CaCO3		144						151						148			117	113	112	112	110
Bicarbonate (HCO3)		176						184						180			142	138	137	137	134
Calcium (Ca)		374						485						516			186	175	168	183	183
Carbonate (CO3)		-1						ND						-1			-1	-1	-1	-1	-1
Chloride (Cl)		95						167						145			28	26	24	27	33
Fluoride (F)		0.1						0.1						0.1			0.1	0.1	0.1	0.1	0.1
Magnesium (Mg)		65.4						72.5						71.6			14.5	12.4	11.9	12.6	11.7
Nitrate-N (NO3)		1.77						1.27						1.2			-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		5.4						7.5						6.2			3.7	3.7	3.5	3.5	3.8
Silica (SiO2)		8.2						11						11			14	14	14	15	15
Sodium (Na)		103						118						129			50.1	46.6	47	48.2	50.6
Sulfate (SO4)		1060						1340						1360			429	417	417	446	460
NON-METALS:																					
Cyanide (CN)		-0.005						ND						-0.005			-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:																					
Cond (umho/cm)		2330						2850						2770			1100	1100	1060	1090	1130
pH	GPS (6.8)	7.68						7.17						7.68			7.93	8.1	8.16	8.14	7.92
TDS @ 180° C.	GPS (500)	1910						2430						2430			818	754	757	814	828
METALS-DISSOLVED mg/l:																					
Aluminum (Al)	GPS (1.8)	-0.1						ND						ND			ND	ND	ND	ND	ND
Arsenic (As)	GPS (.05)	0.002						0.002						0.001			0.002	ND	ND	-0.001	ND
Barium (Ba)		-0.1						ND						ND			ND	ND	ND	ND	ND
Beryllium (Be)	GPS (.01)	-0.01						ND						ND			ND	ND	ND	ND	ND
Boron (B)		-0.1						ND						ND			ND	ND	ND	ND	0.1
Cadmium (Cd)	GPS (.01)	-0.005						ND						ND			ND	ND	ND	ND	ND
Chromium (Cr)	GPS (.05)	-0.01						ND						ND			ND	ND	ND	ND	ND
Cobalt (Co)		0.007						0.002						0.002			ND	ND	ND	ND	ND
Copper (Cu)		-0.01						ND						ND			ND	ND	ND	ND	ND
Iron (Fe)	GPS (0.6)	-0.05						0.12						ND			0.07	-0.05	ND	-0.05	0.14
Lead (Pb)		-0.01						ND						ND			ND	ND	ND	ND	ND
Manganese (Mn)	GPS (0.2)	0.14						0.23						0.12			0.08	0.11	0.11	0.1	0.11
Mercury (Hg)		-0.0002						ND						ND			ND	ND	ND	ND	ND
Molybdenum (Mo)		-0.01						ND						ND			ND	ND	ND	ND	ND
Nickel (Ni)	GPS (.01)	0.01						ND						0.01			ND	ND	ND	ND	ND
Selenium (Se)	GPS (.01)	0.034						0.066						0.054			ND	0.001	ND	0.001	0.001
Silver (Ag)		-0.01						ND						ND			ND	ND	ND	ND	ND
Thallium (Tl)		-0.01						ND						ND			ND	ND	ND	ND	ND
Vanadium (V2O5)		-0.1						ND						ND			ND	ND	ND	ND	ND
Zinc (ZN)		0.01						0.01						ND			ND	ND	ND	ND	ND
RADIOMETRIC pCi/l:																					
Uranium, natural	GPS (36)	572						760						683			45.6	20.4	15.3	20.5	15.6
Radium 226		5.5						6.6						4.4			3.8	3.5	2.3	2.4	1.7
Radium Precision +/-		0.8						0.8						0.7			0.8	0.7	0.9	0.6	0.4
Radium 228		-1						9.4						8			5.1	4.3	5.4	6	4.9
Radium Precision +/-								1.6						1.5			1.3	1.3	1.3	1	0.8
Combined Ra226/228	GPS (5.8)	5.5						16						12.4			8.9	7.8	7.7	8.4	6.6
Thorium 230	GPS (7.0)	-0.2						ND						ND			ND	ND	ND	ND	ND
Thorium Precision +/-																					
Lead (Pb210)	GPS (8.9)	-1						ND						ND			ND	ND	ND	ND	ND
Lead Precision +/-																					
Gross Alpha	GPS (15)	8.1						4.9						7.9			3.2	4.7	4	5.4	2.5
Gross Alpha Precision +/-		1.3						1.3						1			1.4	1.5	1.2	1.2	1.1
QUALITY ASSURANCE DATA:																					
TDS A/C Balance (dec. %)		1.07						1.06						1.04			1.03	0.99	1.01	1.01	1.01
ORGANICS mg/L:																					
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
VOLATILE ORGANIC COMPOUNDS mg/L:																					
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0025	ND	
Chloromethane	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0018	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethane	GPS 3 (2)	ND	0.0022	0.0021	0.0011	0.0016	0.0016	0.0019	0.0015	0.0015	0.0016	0.0016	0.0019	0.0018	0.0014	0.0015	ND	ND	0.015	ND	
1,1-Dichloroethene	GPS 0.007 (1)	ND	0.001	0.0011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,1-Trichloroethane	GPS 0.20 (1)	0.006	0.014	0.015	0.0046	0.0063	0.0072	0.0058	0.0063	0.0066	0.0077	0.0062	0.0064	0.005	0.0057	0.0063	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
(1) - EPA MCL																					
(2) - WY Drinking Water Equivalent Level																					
(3) - WY VRP, Fact Sheet 12																					
(4) - EPA RBC - Tap Water																					
(LAB: Energy Labs Inc. unless noted.)																					

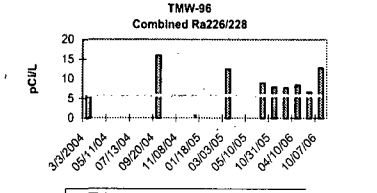
KENNECOTT URANIUM COMPANY		
TMW-96		
NORTHING: 148,500.01	Groundwater	
EASTING: 323,807.75	Protection	
ND = Non-detectable	Standard	10/07/06
FIELD DATA mg/l:	(GPS)	
Temperature (C)	as of 5/26/05	10.6
pH (Std. Units)		7.69
Cond. (umho/cm)		1049
TDS		
MAJOR IONS mg/l:		
Alk-CaCO3		113
Bicarbonate (HCO3)		137
Calcium (Ca)		187
Carbonate (CO3)		-1
Chloride (Cl)		25
Fluoride (F)		0.1
Magnesium (Mg)		12.8
Nitrate-N (NO3)		-0.1
Potassium (K)		3.6
Silica (SiO2)		14
Sodium (Na)		51.4
Sulfate (SO4)		443
NON-METALS:		
Cyanide (CN)		-0.005
PHYSICAL PROPERTIES:		
Cond (umho/cm)		1110
pH	GPS (6.8)	7.9
TDS @ 180° C.	GPS (500)	806
METALS-DISSOLVED mg/l:		
Aluminum (Al)	GPS (1.8)	ND
Arsenic (As)	GPS (.05)	ND
Barium (Ba)		ND
Beryllium (Be)	GPS (.01)	ND
Boron (B)		ND
Cadmium (Cd)	GPS (.01)	ND
Chromium (Cr)	GPS (.05)	ND
Cobalt (Co)		ND
Copper (Cu)		ND
Iron (Fe)	GPS (0.6)	ND
Lead (Pb)		ND
Manganese (Mn)	GPS (0.2)	0.11
Mercury (Hg)		ND
Molybdenum (Mo)		ND
Nickel (Ni)	GPS (.01)	ND
Selenium (Se)	GPS (.01)	0.001
Silver (Ag)		ND
Thallium (Tl)		ND
Vanadium (V2O5)		ND
Zinc (ZN)		0.01
RADIOMETRIC pCi/l:		
Uranium, natural	GPS (36)	16.6
Radium 226		3
Radium Precision +/-		0.6
Radium 228		9.7
Radium Precision +/-		1.2
Combined Ra226/228	GPS (5.8)	12.7
Thorium 230	GPS (7.0)	ND
Thorium Precision +/-		
Lead (Pb210)	GPS (8.9)	ND
Lead Precision +/-		
Gross Alpha	GPS (15)	4.6
Gross Alpha Precision +/-		0.8
QUALITY ASSURANCE DATA:		
TDS A/C Balance (dec. %)		1
ORGANICS mg/L:		
Diesel Range Organics (DRO)	GPS 10 (3)	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND
VOLATILE ORGANIC COMPOUNDS mg/L:		
Bromomethane		ND
Chloromethane	0.12	ND
1,1-Dichloroethane	GPS 3 (2)	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND
Naphthalene	GPS 1.3 (2)	ND
Toluene	GPS 1 (1)	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND
m+p Xylenes	GPS 10 (1)	ND
(1) - EPA MCL		
(2) - WY Drinking Water Equivalent Level		
(3) - WY VRP, Fact Sheet 12		
(4) - EPA RBC - Tap Water		
(LAB: Energy Labs Inc. unless noted.)		

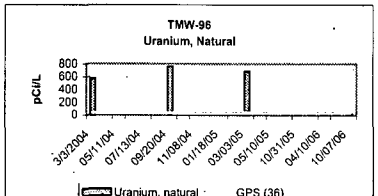




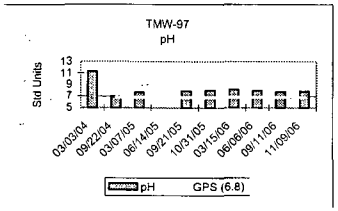


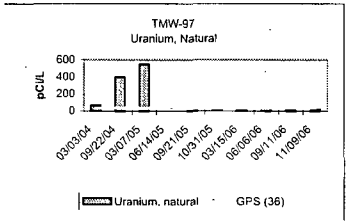


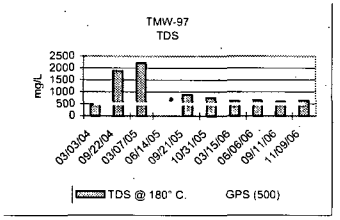


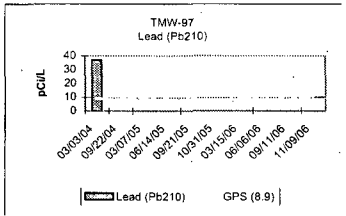


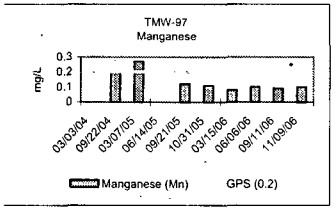
KENNECOTT URANIUM COMPANY											
TMW-97											
NORTHING: 148,599.86	Groundwater										
EASTING: 323,799.93	Protection	2004		2005				2006			
ND = Non-detectable	Standard	03/03/04	09/22/04	03/07/05	06/14/05	09/21/05	10/31/05	03/15/06	06/06/06	09/11/06	11/09/06
FIELD DATA mg/l:	(GPS)										
Temperature (C)	as of 5/26/05	8	9	10	11	8.9	N/A	9.7	15.4	11.8	7.2
pH (Std. Units)		11.7	6.9	6.7	6.9	7.42		7.58	7.62	7.48	7.62
Cond. (umho/cm)		660	1000	1500	1600	620		600	882	797	816
TDS											
MAJOR IONS mg/l:											
Alk-CaCO3		50.7	141	144		113	107	101	100	94	98
Bicarbonate (HCO3)		3.3	172	175		138	131	123	121	115	119
Calcium (Ca)		65.6	386	459		194	180	140	148	140	141
Carbonate (CO3)		35.1	-1	-1		-1	-1	-1	-1	-1	-1
Chloride (Cl)		10.2	63	56		29	25	20	21	19	19
Fluoride (F)		0.2	0.1	-0.1		0.1	0.1	0.2	0.2	0.1	0.1
Magnesium (Mg)		7.4	59.3	74.3		14.9	13	9.8	11.9	9.6	10.4
Nitrate-N (NO3)		2.42	0.76	0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		27	6.8	6.1		3.6	3.7	3	3.7	3.1	3.2
Silica (SiO2)		7.4	11	9		14	14	14	14	14	14
Sodium (Na)		62.4	95.9	99.3		49.3	46.3	45.2	44.5	43.7	43.2
Sulfate (SO4)		246	1100	1250		193	439	329	368	347	339
NON-METALS:											
Cyanide (CN)		-0.005	-0.005	-0.005		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:											
Cond (umho/cm)		848	1640	2460		1220	1110	885	935	941	956
pH	GPS (6.8)	11.3	7	7.69		7.96	8.06	8.18	7.95	7.78	7.85
TDS @ 180° C.	GPS (500)	470	1880	2210		886	756	624	650	598	648
METALS-DISSOLVED mg/l:											
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.002	0.001	0.002		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	0.06	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	0.001	0.002		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.05	-0.05	0.05		-0.05	0.18	-0.05	-0.05	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	-0.01	0.2	0.27		0.12	0.11	0.08	0.1	0.09	0.1
Mercury (Hg)		0.0006	-0.0002	-0.0002		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	0.055	0.03	0.004		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:											
Uranium, natural	GPS (36)	66.3	398	548		28.7	15.9	11.7	24.6	13.1	19.2
Radium 226		0.9	5.7	5.5		3.6	4	1.1	2.2	4.1	2.1
Radium Precision +/-		0.4	0.8	0.8		0.7	0.8	0.9	0.5	0.7	0.6
Radium 228		-1	8.4	12.7		5.9	7.5	3.6	12.4	5.1	8.4
Radium Precision +/-			1.5	1.6		1	1.4	0.9	1.2	0.9	1.2
Comb. Ra226/228	GPS (5.8)	0.9	14.1	18.2		9.5	11.5	4.7	14.6	9.2	10.5
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2		-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-											
Lead (Pb210)	GPS (8.9)	37	-1	-1		-1	-1	-1	-1	-1	-1
Lead Precision +/-		5.7									
Gross Alpha	GPS (15)	1.1	4.3	9.8		7.9	3.7	2.7	2.1	2.1	2.3
Gross Alpha Precision +/-		1	1.2	1.1		1.9	1.3	1.2	0.9	0.5	0.5
QUALITY ASSURANCE DATA:											
TDS A/C Balance (dec. %)		1.02	1.04	1.08		1.02	0.96	1	0.97	0.94	1.03
ORGANICS mg/L:											
Diesel Range Organics (DRO)	GPS 10 (3)	ND			ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND			ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:											
Chloromethane	0.12	ND			ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND			0.0021	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND			ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND			ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND			ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND			0.0034	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND			ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND			ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND			ND	ND	ND	ND	ND	ND	ND
(1) - EPA MCL											
(2) - WY Drinking Water Equivalent Level											
(3) - WY VRP, Fact Sheet 12											
(4) - EPA RBC - Tap Water											

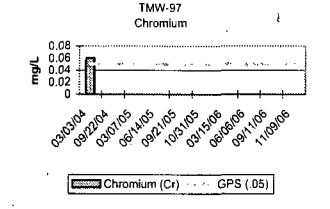


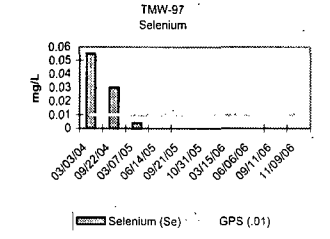


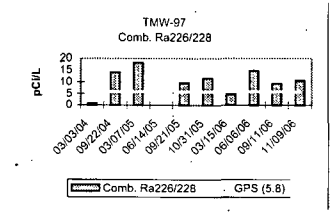




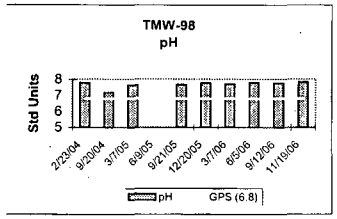


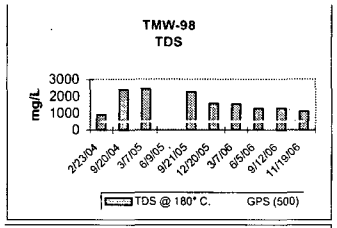


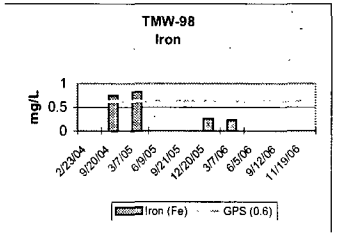


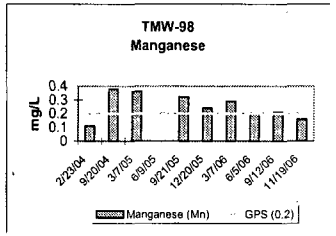


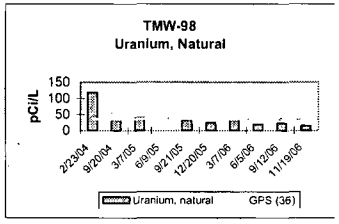
KENNECOTT URANIUM COMPANY											
TMW-98											
NORTHING: 148699.84,EASTING: 323810.19	Groundwater Protection	2004		2005				2006			
ND = Non-detectable	Standard	2/23/04	9/20/04	3/7/05	6/9/05	9/21/05	12/20/05	3/7/06	6/5/06	9/12/06	11/19/06
FIELD DATA mg/l:	(GPS)										
Temperature (C)	as of 5/26/05	8	10	10	11	8.9	7.4	10.1	13.7	15.7	8
pH (Std. Units)		7.9	6.7	6.8	6.9	7.1	7.26	7.37	7.31	7.36	7.28
Cond. (umho/cm)		560	1160	1580	1680	850	1110	1250	1533	1531	1387
TDS											
MAJOR IONS mg/l:											
Alk-CaCO3		108	141	135		141	122	128	116	110	107
Bicarbonate (HCO3)		132	172	165		173	149	156	142	134	131
Calcium (Ca)		189	546	552		486	344	397	282	297	247
Carbonate (CO3)		-1	-1	-1		-1	-1	-1	-1	-1	-1
Chloride (Cl)		36	107	86		78	49	51	48	47	44
Fluoride (F)		0.2	-0.1	-0.1		-0.1	0.1	0.1	0.2	-0.1	0.1
Magnesium (Mg)		16.2	45.1	47.4		42.1	31.9	36	26.2	24.7	20
Nitrate-N (NO3)		-0.1	-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		4.9	8.3	7		6	5.1	5.5	5.2	5.1	4.5
Silica (SiO2)		10.7	14	15		14	14	13	14	12.7	13
Sodium (Na)		56.3	89.6	100		88.6	76.4	81.2	65	63	59.5
Sulfate (SO4)		508	1410	1460		1320	907	1030	760	619	638
NON-METALS:											
Cyanide (CN)		-0.005	-0.005	-0.005		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:											
Cond (umho/cm)		1220	2520	2680		2540	1920	2070	1620	1770	1520
pH	GPS (6.8)	7.8	7.17	7.64		7.68	7.77	7.71	7.79	7.77	7.82
TDS @ 180° C.	GPS (500)	905	2400	2430		2260	1580	1550	1280	1300	1110
METALS-DISSOLVED mg/l:											
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.002	0.002	0.002		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.002	0.001	0.001		-0.001	-0.001	0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.05	0.75	0.82		-0.05	0.26	0.23	-0.05	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.11	0.38	0.36		0.32	0.24	0.29	0.2	0.21	0.16
Mercury (Hg)		-0.0002	-0.0002	-0.0002		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	0.003	0.003	0.002		0.002	-0.001	0.003	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:											
Uranium, natural	GPS (36)	118	35.4	40		31.9	24.9	37.9	20.1	22.5	15
Radium 226		2.6	8.1	6.1		5.7	2.6	3.1	1.7	2.3	2.2
Radium Precision +/-		0.5	0.9	0.8		0.9	0.6	0.7	0.5	0.5	0.7
Radium 228		-1	11.7	12.7		10.8	8.2	7.9	6.1	5.3	5.3
Radium Precision +/-			1.7	1.6		1.1	1.2	1	1.1	0.9	1
Comb. Ra226/228	GPS (5.8)	2.6	19.8	18.8		16.5	10.8	11	7.8	7.6	7.5
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2		0.9	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-						0.6					
Lead (Pb210)	GPS (8.9)	-1	-1	-1		-1	-1	-1	-1	-1	-1
Lead Precision +/-											
Gross Alpha	GPS (15)	2.9	5.3	11.2		8.7	6.5	6.4	3.6	2.1	2.6
Gross Alpha Precision +/-		1.2	1.3	1.2		2	1.3	1.6	1.1	0.5	0.7
QUALITY ASSURANCE DATA											
TDS A/C Balance (dec. %)		1.03	1.04	1.04		1.07	1.05	0.92	1.01	1.03	1.02
ORGANICS mg/L:											
Diesel Range Organics (DRO)	GPS 10 (3)	ND			ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND			ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:											
Chloromethane	0.12	ND			ND	ND	0.01	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND			ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND			ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND			ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND			ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND			ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND			ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND			ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND			ND	ND	ND	ND	ND	ND	ND
(1) - EPA MCL											
(2) - WY Drinking Water Equivalent Level											
(3) - WY VRP, Fact Sheet 12											
(4) - EPA RBC - Tap Water											
(LAB: Energy Labs Inc. unless noted.)											

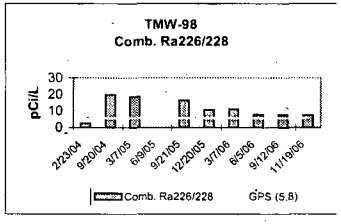




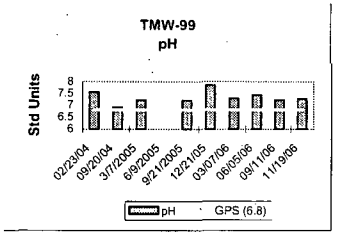


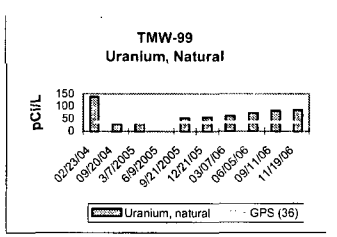


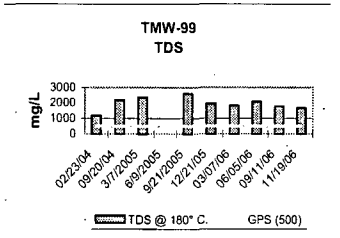


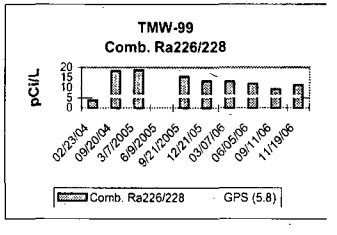


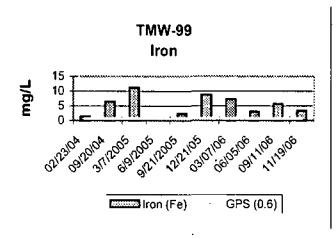
KENNECOTT URANIUM COMPANY											
TMW-99											
NORTHING: 148707.32 EASTING: 323898.85	Groundwater Protection	2004		2005				2006			
ND = Non-detectable	Standard	02/23/04	09/20/04	3/7/2005	6/9/2005	9/21/2005	12/21/05	03/07/06	06/05/06	09/11/06	11/19/06
FIELD DATA mg/l:	(GPS)										
Temperature (C)	as of 5/26/05	8	13	10	10	8.6	9.3	9.3	16	11.9	8.4
pH (Std. Units)		7.5	6.8	6.6	6.5	6.91	7.06	7.24	7.3	6.97	6.97
Cond. (umho/cm)		960	1100	1420	1820	1140	1260	1280	2570	1947	1916
TDS											
MAJOR IONS mg/l:											
Alk-CaCO3		111	139	132		146	132	135	130	122	120
Bicarbonate (HCO3)		135	169	161		178	162	165	159	149	146
Calcium (Ca)		230	486	513		469	367	400	451	392	358
Carbonate (CO3)		-1	-1	-1		-1	-1	-1	-1	-1	-1
Chloride (Cl)		17.6	60	60		73	51	45	53	41	36
Fluoride (F)		0.2	0.1	-0.1		-0.1	0.1	0.1	0.1	-0.1	0.1
Magnesium (Mg)		27.7	43.7	53.2		61.2	42.6	47.3	54	45.3	42.1
Nitrate-N (NO3)		0.1	-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		10.2	6.9	6.6		6.6	5.7	5.3	6.3	5.2	5.2
Silica (SiO2)		9.9	15	15		13	13	13	13	13	12
Sodium (Na)		78.6	85.8	98.8		101	81.5	84.4	89.8	82.4	76.8
Sulfate (SO4)		732	1240	1390		1320	1100	1100	1240	1100	1010
NON-METALS:											
Cyanide (CN)		-0.005	-0.005	-0.005		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:											
Cond (umho/cm)		1580	2390	2570		2820	2250	2150	2380	2270	2090
pH	GPS (6.8)	7.55	6.92	7.22		7.21	7.84	7.29	7.43	7.22	7.27
TDS @ 180° C.	GPS (500)	1190	2180	2350		2600	1950	1830	2080	1780	1680
METALS-DISSOLVED mg/l:											
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	0.004	0.003		-0.001	0.001	-0.001	-0.001	-0.001	0.001
Barium (Ba)		-0.1	-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.024	0.028	0.041		0.045	0.034	0.043	0.04	0.04	0.035
Copper (Cu)		-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	1.43	6.56	11.2		2.43	8.78	7.34	3.05	5.74	3.38
Lead (Pb)		-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.38	0.54	0.65		0.84	0.64	0.63	0.7	0.63	0.56
Mercury (Hg)		-0.0002	-0.0002	-0.0002		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	0.04	0.03	0.05		0.06	0.04	0.05	0.06	0.05	0.05
Selenium (Se)	GPS (.01)	0.001	0.002	0.003		0.002	-0.001	0.003	-0.001	-0.001	0.002
Silver (Ag)		-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.01	0.02	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:											
Uranium, natural	GPS (36)	138	28.6	38.5		53.8	56.4	62	73.7	82.1	85.7
Radium 226		3.8	7.3	6.8		5.6	3.3	2.8	2.1	2.7	3.3
Radium Precision +/-		0.6	0.8	0.9		0.9	0.7	0.7	0.5	0.5	0.8
Radium 228		-1	11.1	12		9.8	10	10.2	9.9	6.6	8.2
Radium Precision +/-			1.7	1.6		1.1	1.3	1.1	1.2	1	1.1
Comb. Ra226/228	GPS (5.8)	3.8	18.4	18.8		15.4	13.3	13	12	9.3	11.3
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2		-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-											
Lead (Pb210)	GPS (8.9)	-1	-1	-1		-1	-1	-1	-1	-1	-1
Lead Precision +/-											
Gross Alpha	GPS (15)	6.1	5.4	10.3		11.8	4.5	4.9	2.8	3.4	2.6
Gross Alpha Precision +/-		1.4	1.3	1.2		2.2	1.3	1.4	1	0.6	0.7
QUALITY ASSURANCE DATA:											
TDS A/C Balance (dec. %)		1.03	1.07	1.06		1.2	1.12	1.03	1.05	1.02	1.04
ORGANICS mg/L:											
Diesel Range Organics (DRO)	GPS 10 (3)	ND			ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND			ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:											
Chloromethane	0.12	ND			ND	ND	0.0088	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND			0.0031	0.003	0.0022	0.0025	0.0022	0.0021	0.0022
1,1-Dichloroethene	GPS 0.007 (1)	ND			ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND			ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND			ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND			ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND			ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND			ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND			ND	ND	ND	ND	ND	ND	ND
(1) - EPA MCL											
(2) - WY Drinking Water Equivalent Level											
(3) - WY VRP, Fact Sheet 12											
(4) - EPA RBC - Tap Water											
(LAB: Energy Labs Inc. unless noted.)											

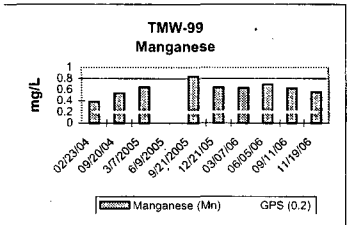


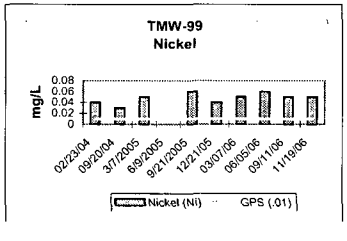




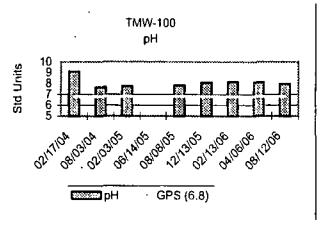


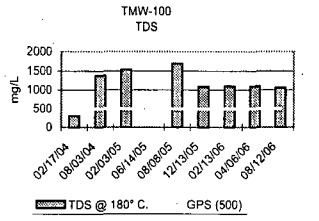


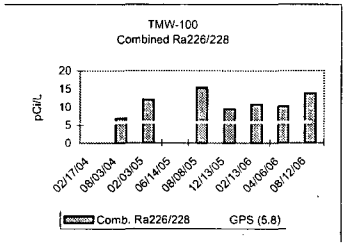


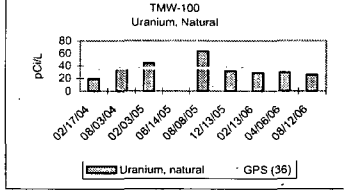


KENNECOTT URANIUM COMPANY										
TMW-100										
NORTHING: 148799.77 EASTING: 324004.42	Groundwater Protection			2005				2006		
ND = Non-detectable	Standard	02/17/04	08/03/04	02/03/05	06/14/05	08/08/05	12/13/05	02/13/06	04/06/06	08/12/06
FIELD DATA mg/l:	(GPS)									
Temperature (C)	as of 5/26/05	8	13	9	12	12	9.8	9.5	9.5	11.3
pH (Std. Units)		7.8	8.8	6.9	7.2	8.2	7.48	7.31	7.81	7.42
Cond. (umho/cm)		400	800	1760	1120	850	850	970	930	1356
TDS										
MAJOR IONS mg/l:										
Alk-CaCO3		19.8	45	69		71	95	95	100	91
Bicarbonate (HCO3)		21.5	55	84		87	116	116	122	111
Calcium (Ca)		45.1	274	351		383	235	232	243	234
Carbonate (CO3)		1.6	ND	ND		ND	ND	-1	-1	-1
Chloride (Cl)		6.4	32	36		41	21	20	24	26
Fluoride (F)		0.2	0.1	0.1		0.2	0.2	0.2	0.2	0.1
Magnesium (Mg)		4.9	24.8	32.8		37.7	23	21.9	22.9	23.9
Nitrate-N (NO3)		-0.1	ND	ND		ND	ND	-0.1	-0.1	-0.1
Potassium (K)		4.2	5.5	5.4		5.7	3.8	3.7	4	4.4
Silica (SiO2)		10.9	8	10		10	11	11	11	12
Sodium (Na)		47.2	64.9	68.3		68.8	57	56.8	55.6	60.6
Sulfate (SO4)		197	745	930		1030	656	621	676	643
NON-METALS:										
Cyanide (CN)		-0.005	ND	ND		ND	ND	-0.005	ND	ND
PHYSICAL PROPERTIES:										
Cond (umho/cm)		520	1520	1870		2010	1370	1400	1410	1410
pH	GPS (6.8)	9.12	7.67	7.78		7.86	8.11	8.16	8.14	7.96
TDS @ 180° C.	GPS (500)	313	1380	1540		1700	1080	1100	1100	1060
METALS-DISSOLVED mg/l:										
Aluminum (Al)	GPS (1.8)	-0.1	ND	ND		ND	ND	ND	ND	ND
Arsenic (As)	GPS (.05)	0.002	0.003	0.003		0.002	0.002	0.002	0.002	0.002
Barium (Ba)		-0.1	ND	ND		ND	ND	ND	ND	ND
Beryllium (Be)	GPS (.01)	-0.01	ND	ND		ND	ND	ND	ND	ND
Boron (B)		-0.1	ND	ND		ND	ND	ND	ND	ND
Cadmium (Cd)	GPS (.01)	-0.005	ND	ND		ND	ND	ND	ND	ND
Chromium (Cr)	GPS (.05)	-0.01	ND	ND		ND	ND	ND	ND	ND
Cobalt (Co)		-0.001	ND	ND		ND	ND	ND	ND	ND
Copper (Cu)		-0.01	ND	ND		ND	ND	ND	ND	ND
Iron (Fe)	GPS (0.6)	-0.05	ND	ND		0.05	ND	ND	ND	ND
Lead (Pb)		-0.01	ND	ND		ND	ND	ND	ND	ND
Manganese (Mn)	GPS (0.2)	-0.01	0.06	0.15		0.18	0.12	0.13	0.12	0.14
Mercury (Hg)		0.0015	0.0016	ND		ND	ND	ND	ND	ND
Molybdenum (Mo)		0.01	ND	ND		ND	ND	ND	ND	ND
Nickel (Ni)	GPS (.01)	-0.01	ND	ND		ND	ND	ND	ND	ND
Selenium (Se)	GPS (.01)	0.002	0.002	0.002		0.001	ND	ND	ND	ND
Silver (Ag)		-0.01	ND	ND		ND	ND	ND	ND	ND
Thallium (Tl)		-0.01	ND	ND		ND	ND	ND	ND	ND
Vanadium (V2O5)		-0.1	ND	ND		ND	ND	ND	ND	ND
Zinc (ZN)		-0.01	0.31	ND		0.01	ND	ND	ND	ND
RADIOMETRIC pCi/l:										
Uranium, natural	GPS (36)	19.2	35	43.7		63.2	31.4	29.1	29.3	25.5
Radium 226		-0.2	4.2	5		5.4	4.2	4.8	2.5	3.5
Radium Precision +/-			0.7	0.9		0.8	0.8	0.8	0.6	0.7
Radium 228		-1	2.7	7.1		10	5.3	6	7.7	10.3
Radium Precision +/-			1	1		1.2	1.3	1.1	0.9	0.9
Comb. Ra226/228	GPS (5.8)	0	6.9	12.1		15.4	9.5	10.8	10.2	13.8
Thorium 230	GPS (7.0)	-0.2	ND	ND		ND	ND	ND	ND	ND
Thorium Precision +/-										
Lead (Pb210)	GPS (8.9)	-1	ND	ND		ND	ND	ND	ND	ND
Lead Precision +/-										
Gross Alpha	GPS (15)	-1	5.7	7.8		10.3	5.3	2.8	3.6	5.1
Gross Alpha Precision +/-			1.5	1		1.9	1.1	1.3	1	1.3
QUALITY ASSURANCE DATA:										
TDS A/C Balance (dec. %)		0.99		1.05		1.08	1.02	1.08	1	1
ORGANICS mg/L:										
Diesel Range Organics (DRO)	GPS 10 (3)	ND			ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND			ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:										
Chloromethane	0.12	ND			ND	ND	0.01	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND			ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND			ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND			ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND			ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND			ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND			ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND			ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND			ND	ND	ND	ND	ND	ND
(1) - EPA MCL										
(2) - WY Drinking Water Equivalent Level										
(3) - WY VRP, Fact Sheet 12										
(4) - EPA RBC - Tap Water										
(LAB: Energy Labs Inc. unless noted.)										

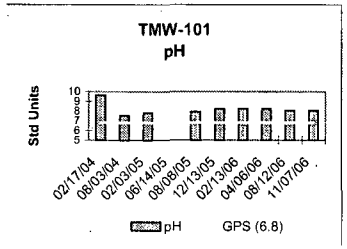


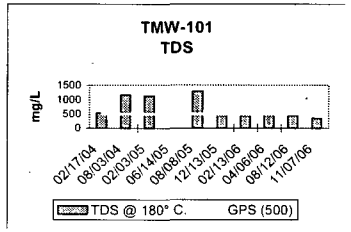


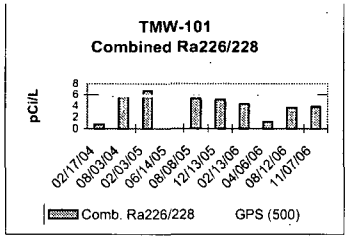




KENNECOTT URANIUM COMPANY											
TMW-101											
NORTHING: 148,800.10	Groundwater										
EASTING: 324,100.06	Protection	2004		2005				2006			
ND = Non-detectable	Standard	02/17/04	08/03/04	02/03/05	06/14/05	08/08/05	12/13/05	02/13/06	04/06/06	08/12/06	11/07/06
FIELD DATA mg/l:	(GPS)										
Temperature (C)	as of 5/26/05	8	13	9	10	14	8.9	10.8	9.2	12	11.4
pH (Std. Units)		9.8	7.4	7.2	7.1	7.8	7.48	7.64	7.54	7.44	7.25
Cond. (umho/cm)		640	840	1340	1020	800	510	520	530	700	532
TDS											
MAJOR IONS mg/l:											
Alk-CaCO3		20.2	81	94		90	95	95	100	92	86
Bicarbonate (HCO3)		17.1	99	114		110	116	116	122	112	105
Calcium (Ca)		73.9	232	259		283	107	99.8	110	108	72.3
Carbonate (CO3)		4.5	ND	ND		ND	ND	-1	-1	-1	-1
Chloride (Cl)		9.4	27	30		36	10	11	16	14	8
Fluoride (F)		0.5	0.2	0.2		0.2	0.2	0.2	0.2	0.2	0.2
Magnesium (Mg)		2.5	20.5	23.7		26.4	9.3	8.3	9.3	9.3	6.3
Nitrate-N (NO3)		-0.1	ND	ND		ND	ND	-0.1	-0.1	-0.1	-0.1
Potassium (K)		7	4.4	4.2		4.4	2.5	6.4	2.7	2.8	2.1
Silica (SiO2)		20.3	13	13		13	12	12	12	12	11
Sodium (Na)		93.7	57.2	60.1		62.2	42.2	39.9	40.3	38.9	33.6
Sulfate (SO4)		355	602	664		735	277	244	280	245	171
NON-METALS:											
Cyanide (CN)		-0.005	ND	ND		ND	ND	ND	ND	ND	ND
PHYSICAL PROPERTIES:											
Cond (umho/cm)		820	1310	1480		1600	750	707	752	718	565
pH	GPS (6.8)	9.67	7.54	7.82		7.94	8.24	8.28	8.27	8.08	8.06
TDS @ 180° C.	GPS (500)	533	1170	1140		1300	518	470	496	458	344
METALS-DISSOLVED mg/l:											
Aluminum (Al)	GPS (1.8)	-0.1	ND	ND		ND	ND	ND	ND	ND	ND
Arsenic (As)	GPS (.05)	0.007	ND	ND		ND	ND	ND	ND	ND	ND
Barium (Ba)		-0.1	ND	ND		ND	ND	ND	ND	ND	ND
Beryllium (Be)	GPS (.01)	-0.01	ND	ND		ND	ND	ND	ND	ND	ND
Boron (B)		-0.1	ND	ND		ND	ND	ND	ND	ND	ND
Cadmium (Cd)	GPS (.01)	-0.005	ND	ND		ND	ND	ND	ND	ND	ND
Chromium (Cr)	GPS (.05)	-0.01	ND	ND		ND	ND	ND	ND	ND	ND
Cobalt (Co)		-0.001	ND	ND		ND	ND	ND	ND	ND	ND
Copper (Cu)		-0.01	ND	ND		ND	ND	ND	ND	ND	ND
Iron (Fe)	GPS (0.6)	-0.05	ND	0.11		ND	ND	ND	ND	ND	ND
Lead (Pb)		-0.01	ND	ND		ND	ND	ND	ND	ND	ND
Manganese (Mn)	GPS (0.2)	-0.01	0.11	0.14		0.16	0.06	0.06	0.06	0.05	0.04
Mercury (Hg)		0.004	0.001	ND		ND	ND	ND	ND	ND	ND
Molybdenum (Mo)		0.01	ND	ND		ND	ND	ND	ND	ND	ND
Nickel (Ni)	GPS (.01)	-0.01	ND	ND		ND	ND	ND	ND	ND	ND
Selenium (Se)	GPS (.01)	0.006	0.002	0.001		ND	ND	ND	ND	ND	ND
Silver (Ag)		-0.01	ND	ND		ND	ND	ND	ND	ND	ND
Thallium (Tl)		-0.01	ND	ND		ND	ND	ND	ND	ND	ND
Vanadium (V2O5)		-0.1	ND	ND		ND	ND	ND	ND	ND	ND
Zinc (ZN)		-0.01	0.01	-0.01		0.01	ND	ND	ND	ND	ND
RADIOMETRIC pCi/l:											
Uranium, natural	GPS (36)	27.1	18.4	21.8		22.4	6.1	5.6	7	6.6	4.6
Radium 226		0.8	2.6	2.4		2.6	1.6	1.7	1.2	1.5	1.8
Radium Precision +/-		0.5	0.6	0.6		0.6	0.5	0.5	0.5	0.4	0.8
Radium 228		-1	3	4.3		2.7	3.5	2.6	-1	2.2	2
Radium Precision +/-			1	0.9		1	1.3	1		0.7	1.2
Comb. Ra226/228	GPS (5.8)	0.8	5.6	6.7		5.3	5.1	4.3	1.2	3.7	3.8
Thorium 230	GPS (7.0)	-0.2	ND	ND		ND	ND	ND	ND	ND	ND
Thorium Precision +/-											
Lead (Pb210)	GPS (8.9)	-1	ND	ND		ND	ND	ND	ND	ND	ND
Lead Precision +/-											
Gross Alpha	GPS (15)	-1	2.7	5.2		4.4	2.5	1.4	1.7	1.8	2.4
Gross Alpha Precision +/-			1.1	1.6		1.4	0.8	1.1	0.8	0.9	0.7
QUALITY ASSURANCE DATA											
TDS A/C Balance (dec. %)		0.96	1.17	1.03		1.08	1	0.98	0.93	0.94	0.97
ORGANICS mg/L:											
Diesel Range Organics (DRO)	GPS 10 (3)	ND			ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND			ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:											
Chloromethane	0.12	ND			ND	ND	0.01	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND			ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND			ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND			ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND			ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND			ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND			ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND			ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND			ND	ND	ND	ND	ND	ND	ND
(1) - EPA MCL											
(2) - WY Drinking Water Equivalent Level											
(3) - WY VRP, Fact Sheet 12											
(4) - EPA RBC - Tap Water											
(LAB: Energy Labs Inc. unless noted.)											

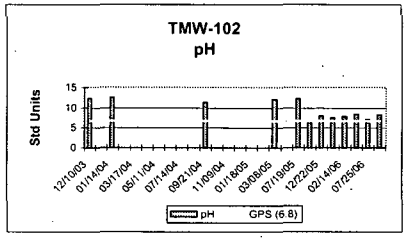


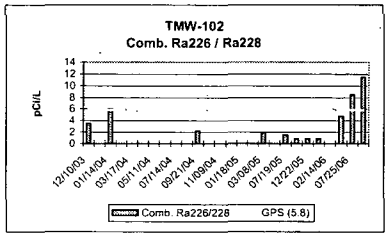


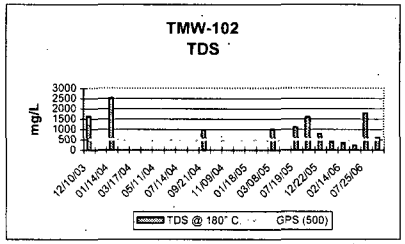


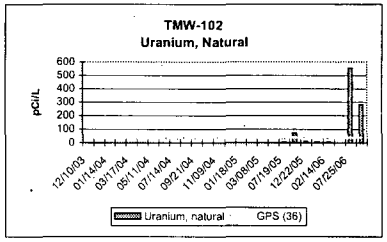
KENNECOTT URANIUM COMPANY																					
TMW-102																					
NORTHING: 148,600.02 EASTING: 323,968.63	Groundwater Protection	2003		2004												2005					
ND = Non-detectable	Standard	12/10/03	12/16/03	01/14/04	02/16/04	03/17/04	04/13/04	05/11/04	06/15/04	07/14/04	08/05/04	09/21/04	10/13/04	11/09/04	12/08/04	01/18/05	02/07/05	03/08/05	04/12/05	07/19/05	09/22/05
FIELD DATA mg/l:																					
Temperature (C)		8		8	8	8	10	11	12	12	12	9	10	9	10	11	10	8	11	13	13.4
pH (Std. Units)		11.7		13.3	13.4	12.8	12.7	12.5	13.2	12.3	12.1	12.3	12.4	12.4	12.2	12.6	12.5	12.2	12	12.5	5.9
Cond. (umho/cm)		3800		5800	4400	4600	3400	3400	5200	3400	2600	3800	2800	2800	2800	4000	360	2600	2800	2200	1180
TDS																					
MAJOR IONS mg/l:																					
Alk-CaCO3		1080		1900								862						794		791	1240
Bicarbonate (HCO3)		2.4		7.8								56						8		5	1510
Calcium (Ca)		470		758								301						297		347	494
Carbonate (CO3)		212		1380								598						577		576	-1
Chloride (Cl)		5.1		6.4								7						5		4	6
Fluoride (F)		0.2		0.2								0.2						0.2		0.1	0.1
Magnesium (Mg)		-1		-1								ND						-0.5		-0.5	8
Nitrate-N (NO3)		-0.1		-0.1								ND						-0.1		-0.1	-0.1
Potassium (K)		95.5		217								41.6						42.8		36.2	53.8
Silica (SiO2)		3.9		-1								1						2		2	21
Sodium (Na)		63.5		111								70.3						74.5		65.3	69.3
Sulfate (SO4)		407		370								105						1332		211	189
NON-METALS:																					
Cyanide (CN)		-0.005		-0.005								ND						-0.005		-0.005	-0.005
PHYSICAL PROPERTIES:																					
Cond (umho/cm)		5420		8780								3910						3820		4040	2360
pH	GPS (6.8)	12.2		12.5								11.3						12.1		12.3	6.8
TDS @ 180° C.	GPS (500)	1640		2530								980						1010		1090	1590
METALS-DISSOLVED mg/l:																					
Aluminum (Al)	GPS (1.8)	-0.1		-0.1								ND						-0.1		-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001		-0.001								ND						-0.001		-0.001	-0.001
Barium (Ba)		0.2		0.3								0.3						0.3		0.3	0.2
Beryllium (Be)	GPS (.01)	-0.01		-0.01								ND						-0.01		-0.01	-0.01
Boron (B)		-0.1		-0.1								ND						-0.1		-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005		-0.005								ND						-0.005		-0.005	-0.005
Chromium (Cr)	GPS (.05)	0.09		0.21								ND						-0.01		-0.01	-0.01
Cobalt (Co)		-0.001		0.001								ND						-0.001		-0.001	0.004
Copper (Cu)		-0.01		-0.01								ND						-0.01		-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.05		-0.05								ND						-0.05		-0.05	1.25
Lead (Pb)		0.02		0.16								0.02						0.02		-0.01	-0.01
Manganese (Mn)	GPS (0.2)	-0.01		-0.01								ND						-0.01		-0.01	0.16
Mercury (Hg)		-0.0002		-0.0002								ND						-0.0002		-0.0002	-0.0002
Molybdenum (Mo)		0.03		0.04								ND						-0.01		-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01		-0.01								ND						-0.01		-0.01	0.02
Selenium (Se)	GPS (.01)	0.003		0.007								ND						0.002		0.002	0.002
Silver (Ag)		-0.01		-0.01								0.09						-0.01		-0.01	-0.01
Thallium (Tl)		-0.01		-0.01								ND						-0.01		-0.01	-0.01
Vanadium (V2O5)		-0.1		-0.1								ND						-0.1		-0.1	-0.1
Zinc (ZN)		-0.01		-0.01								ND						-0.01		-0.01	2.24
RADIOMETRIC pCi/l:																					
Uranium, natural	GPS (36)	-0.2		-0.2								ND						-0.2		3.1	72.7
Radium 226		3.5		2.4								2.2						1.9		1.5	0.8
Radium Precision +/-		0.6		0.9								0.5						0.5		0.4	0.4
Radium 228		-1		3.6								ND						-1		-1	-1
Radium Precision +/-				2																	
Comb. Ra226/228	GPS (5.8)	3.5		6								2.2						1.9		1.5	0.8
Thorium 230	GPS (7.0)	-0.2		0.2								ND						-0.2		-0.2	-0.2
Thorium Precision +/-				0.3														0.3			
Lead (Pb210)	GPS (8.9)	-2.7		-2.7								ND						-0.1		-1	-1
Lead Precision +/-																					
Gross Alpha	GPS (15)	3.6		2.2								1.9						2.2		2.1	1.5
Gross Alpha Precision +/-		1.1		1								1						1.2		1.1	1.1
QUALITY ASSURANCE DATA:																					
TDS A/C Balance (dec. %)		0.97		0.97								0.94						0.98		0.96	1
ORGANICS mg/L:																					
Diesel Range Organics (DRO)	GPS 10 (3)	1.5	1.3	1.6	27	20	32	24	ND	ND	ND	ND	1.2	1	1.2	1.8	8.6	3.6	2.7	ND	1.8
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	0.041		0.088		0.099	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																					
Chloromethane	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0017	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	0.003	0.012	0.016	0.021	0.012	0.016	0.02	0.0011	ND	ND	ND	ND	ND	ND	ND	0.0017	0.0012	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	0.0054	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0068
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	0.001	0.0011	0.0013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
(1) - EPA MCL																					
(2) - WY Drinking Water Equivalent Level																					
(3) - WY VRP, Fact Sheet 12																					
(4) - EPA RBC - Tap Water																					
(LAB: Energy Labs Inc. unless noted.)																					

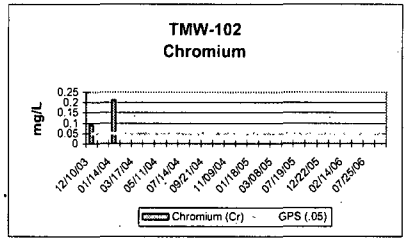
KENNECOTT URANIUM COMPANY							
TMW-102							
NORTHING: 148,600.02 EASTING: 323,968.63	Groundwater Protection		2006				
ND = Non-detectable	Standard	12/22/05	01/17/06	02/14/06	04/05/06	07/25/06	11/13/06
FIELD DATA mg/l:							
Temperature (C)		8.2	7.7	8.7	11.4	17.7	7.2
pH (Std. Units)		6.45	6.83	7.1	8.33	6.81	8.52
Cond. (umho/cm)		800	520	330	240	2380	833
TDS							
MAJOR IONS mg/l:							
Alk-CaCO3		592	235	142	42	274	16
Bicarbonate (HCO3)		723	287	174	50	334	19
Calcium (Ca)		220	94.4	56.6	19.6	398	97.3
Carbonate (CO3)		-1	-1	-1	-1	-1	-1
Chloride (Cl)		5	5	4	6	19	9
Fluoride (F)		0.2	-0.1	0.2	0.2	0.3	0.2
Magnesium (Mg)		1.2	0.9	1	0.6	47.3	10.8
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		22.8	11.1	11.2	12.7	16.5	8.5
Silica (SiO2)		33	19	18	26	39	27
Sodium (Na)		45.9	38.8	41.2	41.6	73.9	52.8
Sulfate (SO4)		94	94	97	102	1060	353
NON-METALS:							
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:							
Cond (umho/cm)		1230	640	499	348	2180	870
pH	GPS (6.8)	7.97	7.48	7.8	8.38	7.11	8.34
TDS @ 180° C.	GPS (500)	768	412	348	220	1780	602
METALS-DISSOLVED mg/l:							
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		0.1	-0.1	-0.1	-0.1	-0.1	0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.001	-0.001	-0.001	-0.001	0.084	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.61	0.1	-0.05	-0.05	7.8	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.11	0.02	-0.01	-0.01	1.85	0.02
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	0.09	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	0.003	0.008
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		0.11	0.02	-0.01	-0.01	0.04	-0.01
RADIOMETRIC pCi/l:							
Uranium, natural	GPS (36)	10.6	3.2	3.3	2.3	553	281
Radium 226		0.8	0.8	-0.2	0.5	3.1	11.5
Radium Precision +/-		0.4	0.6		0.4	0.8	1.2
Radium 228		-1	-1	-1	4.3	5.4	-1
Radium Precision +/-					1.1	0.9	
Comb. Ra226/228	GPS (5.8)	0.8	0.8	0	4.8	8.5	11.5
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-							
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	7.3
Lead Precision +/-							1.6
Gross Alpha	GPS (15)	-1	-1	-1	-1	4.5	10.3
Gross Alpha Precision +/-						1.1	1
QUALITY ASSURANCE DATA:							
TDS A/C Balance (dec. %)		0.99	1.02	1.1	0.94	0.98	1.06
ORGANICS mg/L:							
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	30	5.2
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	ND	0.312	0.091
VOLATILE ORGANIC COMPOUNDS mg/L:							
Chloromethane	0.12	0.012	0.025	ND	ND	0.0049	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	0.0074	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	0.016	0.003
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND
(1) - EPA MCL							
(2) - WY Drinking Water Equivalent Level							
(3) - WY VRP, Fact Sheet 12							
(4) - EPA RBC - Tap Water							
(LAB: Energy Labs Inc. unless noted.)							

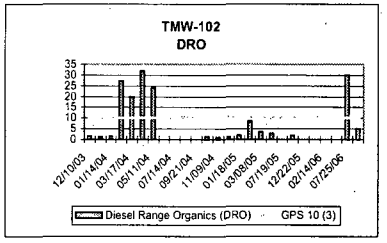


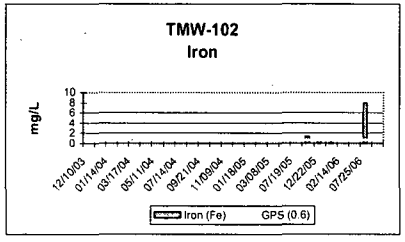


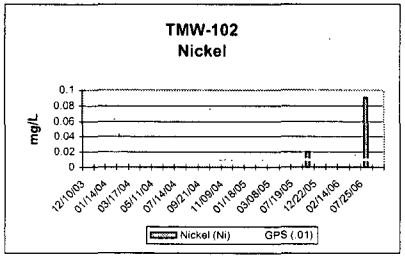




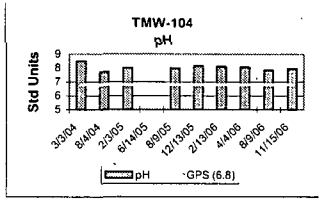


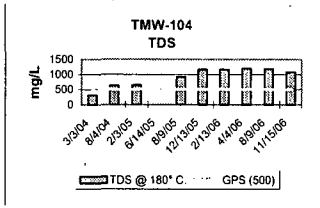


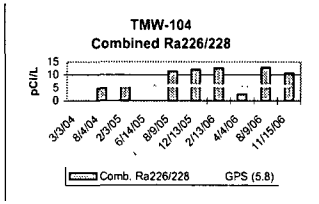


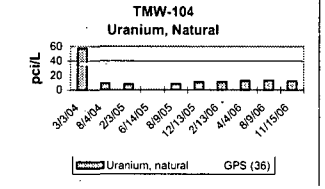


KENNECOTT URANIUM COMPANY											
TMW-104											
NORTHING: 148,508.55	Groundwater										
EASTING: 324,122.60	Protection	2004		2005				2006			
ND = Non-detectable	Standard	3/3/04	8/4/04	2/3/05	6/14/05	8/9/05	12/13/05	2/13/06	4/4/06	8/9/06	11/15/06
FIELD DATA mg/l:	(GPS)										
Temperature (C)	as of 5/26/05	8	15	10	11	15	8	9.4	11.2	12.4	7
pH (Std. Units)		8.9	7.2	7.1	7.1	7.8	7.47	7.51	7.56	7.2	7.24
Cond. (umho/cm)		380	580	880	700	680	890	1040	870	1350	1168
TDS											
MAJOR IONS mg/l:											
Alk-CaCO3		90.2	119	119		104	110	115	110	110	111
Bicarbonate (HCO3)		107	145	145		127	134	140	134	134	135
Calcium (Ca)		39.9	123	147		208	256	258	275	246	224
Carbonate (CO3)		1.9	ND	ND		ND	ND	-1	-1	ND	ND
Chloride (Cl)		4.2	12	14		22	28	25	28	25	22
Fluoride (F)		0.2	0.2	0.1		ND	0.1	0.1	0.1	0.1	0.1
Magnesium (Mg)		4.3	11.7	13.4		18.1	20.8	19.9	21	19.8	17.9
Nitrate-N (NO3)		0.27	ND	ND		ND	ND	ND	-1	ND	ND
Potassium (K)		3.5	2.8	3.3		4.2	4.3	4.1	4.5	4.8	4.2
Silica (SiO2)		9.4	11	12		11	13	13	13	10	11
Sodium (Na)		54	49.5	48.7		51.4	60.1	60.3	64.6	56.4	56.8
Sulfate (SO4)		131	286	346		511	680	660	700	654	586
NON-METALS:											
Cyanide (CN)		-0.005	ND	ND		ND	ND	ND	ND	ND	ND
PHYSICAL PROPERTIES:											
Cond (umho/cm)		490	838	944		1220	1450	1480	1490	1560	1400
pH	GPS (6.8)	8.49	7.69	8		7.98	8.13	8.09	8.04	7.84	7.93
TDS @ 180° C.	GPS (500)	306	636	644		912	1160	1160	1200	1180	1080
METALS-DISSOLVED mg/l:											
Aluminum (Al)	GPS (1.8)	0.1	ND	ND		ND	ND	ND	ND	ND	ND
Arsenic (As)	GPS (.05)	0.005	ND	ND		ND	ND	ND	ND	ND	ND
Barium (Ba)		-0.1	ND	ND		ND	ND	ND	ND	ND	ND
Beryllium (Be)	GPS (.01)	-0.01	ND	ND		ND	ND	ND	ND	ND	ND
Boron (B)		-0.1	ND	ND		ND	ND	ND	ND	ND	ND
Cadmium (Cd)	GPS (.01)	-0.005	ND	ND		ND	ND	ND	ND	ND	ND
Chromium (Cr)	GPS (.05)	-0.01	ND	ND		ND	ND	ND	ND	ND	ND
Cobalt (Co)		-0.001	ND	ND		ND	ND	ND	ND	ND	ND
Copper (Cu)		-0.01	ND	ND		ND	ND	ND	ND	ND	ND
Iron (Fe)	GPS (0.6)	0.135	ND	ND		ND	ND	ND	ND	ND	0.07
Lead (Pb)		-0.01	ND	ND		ND	ND	ND	ND	ND	ND
Manganese (Mn)	GPS (0.2)	0.01	0.04	0.05		0.08	0.14	0.14	0.15	0.12	0.11
Mercury (Hg)		0.0004	ND	ND		ND	ND	ND	ND	ND	ND
Molybdenum (Mo)		-0.01	ND	ND		ND	ND	ND	ND	ND	ND
Nickel (Ni)	GPS (.01)	-0.01	ND	ND		ND	ND	ND	ND	ND	ND
Selenium (Se)	GPS (.01)	-0.001	ND	ND		ND	ND	ND	0.001	0.001	ND
Silver (Ag)		-0.01	ND	ND		ND	ND	ND	ND	ND	ND
Thallium (Tl)		-0.01	ND	ND		ND	ND	ND	ND	ND	ND
Vanadium (V2O5)		-0.1	ND	ND		ND	ND	ND	ND	ND	ND
Zinc (ZN)		-0.01	ND	ND		ND	ND	ND	ND	ND	ND
RADIOMETRIC pCi/l:											
Uranium, natural	GPS (36)	57.1	9.2	7.8		8	10.9	11.3	12.7	13	12.2
Radium 226		-0.2	1.5	2		3.5	2.9	3.8	2.5	3.2	4
Radium Precision +/-			0.5	0.6		0.7	0.7	0.7	0.6	0.6	0.7
Radium 228		-1	3.3	3.4		7.6	9.1	8.7	ND	9.6	6.5
Radium Precision +/-			1.4	0.9		1.5		1.1		0.9	1.1
Comb. Ra226/228	GPS (5.8)	0	4.8	5.4		11.3	12	12.5	2.5	12.8	10.5
Thorium 230	GPS (7.0)	0.2	ND	ND		ND	ND	ND	ND	ND	ND
Thorium Precision +/-		0.2									
Lead (Pb210)	GPS (8.9)	-1	ND	ND		ND	ND	ND	5	ND	ND
Lead Precision +/-									1.2		
Gross Alpha	GPS (15)	-1	1.7	4.3		7.7	3.9	1.9	6	4.8	4
Gross Alpha Precision +/-			1.1	1.5		2.4	1	1.1	1.5	1.3	0.7
QUALITY ASSURANCE DATA											
TDS A/C Balance (dec. %)		1.04	1.12	0.98		1.03	1.03	1.05	1.04	1.09	1.09
ORGANICS mg/L:											
Diesel Range Organics (DRO)	GPS 10 (3)	ND			ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND			ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:											
Chloromethane	0.12	ND			ND	ND	0.012	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND			ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND			ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND			ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND			ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND			ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND			ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND			ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND			ND	ND	ND	ND	ND	ND	ND
(1) - EPA MCL											
(2) - WY Drinking Water Equivalent Level											
(3) - WY VRP. Fact Sheet 12											
(4) - EPA RBC - Tap Water											
(LAB: Energy Labs Inc. unless noted.)											



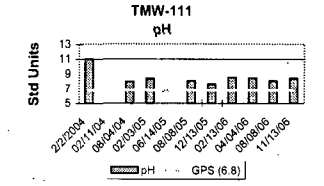


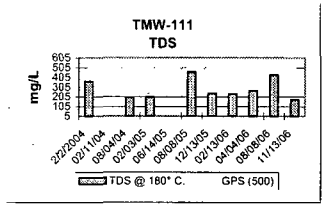




KENNECOTT URANIUM COMPANY																							
TMW-105																							
NORTHING: 148,581.02																							
EASTING: 323,943.82	2003	2004												2005								2006	
ND = Non-detectable	12/30/03	1/19/04	2/11/04	3/23/04	4/12/04	5/11/04	6/15/04	7/13/04	8/5/04	9/20/04	10/12/04	11/4/04	12/7/04	1/12/05	2/9/05	3/16/05	4/11/05	5/10/05	7/18/05	10/5/05	10/31/05	1/19/06	**WELL REMOVED**
FIELD DATA mg/l:																							
Temperature (C)		8	8	6	19	21	28	40	24	21	27	11	11	10	13	12	18	20	32	11.3	N/A	9.5	
pH (Std. Units)		6.8	5	5.11	3.6	3.9	3.5	51	3.8	4	3.7	4	4.3	4.4	5	4.4	3.9	3.9	3.5	4.38		5.15	
Cond. (umho/cm)		800	1420	1100	1120	1380	1400	580	1100	1080	1140	920	960	980	160	340	1400	1440	1240	980		860	
TDS																							
MAJOR IONS mg/l:																							
Alk-CaCO3		39.5			1.6			-1			-1			20			-1		-1	2	-1	5	
Bicarbonate (HCO3)		48.2			1.9			-1			-1			25			-1		-1	3	-1	6	
Calcium (Ca)		168			303			334			328			322			333		429	406	427	310	
Carbonate (CO3)		-1			-1			-1			-1			-1			-1		-1	-1	-1	-1	
Chloride (Cl)		23			67.3			56			66			54			84		113	118	128	89	
Fluoride (F)		0.2			0.4			0.4			0.4			0.3			0.4		0.4	0.5	-0.1	0.4	
Magnesium (Mg)		24.8			51.4			62.9			49.6			51.7			54		64.8	67.3	68.7	48.2	
Nitrate-N (NO3)		-0.1			-0.1			-0.1			-0.1			-0.1			-0.1		-0.1	-0.1	-0.1	-0.1	
Potassium (K)		5.8			6.5			6			6.9			6.8			7.2		6.4	7	7.2	7.4	
Silica (SiO2)		28			53.1			51			53			43			50		55	52	51	44	
Sodium (Na)		60.5			73			92			70			71.5			84		106	107	104	85.9	
Sulfate (SO4)		637			1160			1290			1060			1100			1210		1490	1440	1500	1160	
NON-METALS:																							
Cyanide (CN)		-0.005			-0.005			-0.005			-0.005			-0.005			-0.005		-0.005	-0.005	-0.005	-0.005	
PHYSICAL PROPERTIES:																							
Cond (umho/cm)		1300			2180			5840			2380			2040			2410		2700	2710	2890	2330	
pH		6.54			4.7			2.01			4.66			5.5			4.54		4.39	4.99	4.85	5.11	
TDS @ 180° C.		964			1880			2330			1850			1830			2080		2430	2420	2400	1980	
METALS-DISSOLVED mg/l:																							
Aluminum (Al)		-0.1			2.4			2.9			2.8			1.3			3.7		3.5	2.8	2.6	1.1	
Arsenic (As)		-0.001			-0.001			0.002			0.001			0.002			0.003		0.001	0.001	0.001	0.001	
Barium (Ba)		-0.1			-0.1			-0.1			-0.1			-0.1			-0.1		-0.1	-0.1	-0.1	-0.1	
Beryllium (Be)		-0.01			-0.01			-0.01			-0.01			-0.01			-0.01		-0.01	-0.01	-0.01	-0.01	
Boron (B)		-0.1			0.16			0.2			0.2			-0.1			-0.1		0.1	0.1	0.2	-0.1	
Cadmium (Cd)		-0.005			-0.005			-0.005			-0.005			-0.005			-0.005		-0.005	-0.005	-0.005	-0.005	
Chromium (Cr)		-0.01			-0.01			0.01			-0.01			-0.01			-0.01		-0.01	-0.01	-0.01	-0.01	
Cobalt (Co)		0.067			0.136			0.16			0.153			0.117			0.184		0.193	0.197	0.202	0.177	
Copper (Cu)		-0.01			0.01			0.03			0.02			-0.01			0.02		0.04	0.03	0.03	0.14	
Iron (Fe)		9.41			50.5			50			49.1			30.3			58.3		57.5	57.5	56.8	57.4	
Lead (Pb)		-0.01			0.04			-0.03			0.04			0.03			0.05		0.04	0.03	0.03	0.05	
Manganese (Mn)		1.09			2.26			2.54			2.58			2.19			3.07		3.21	3.22	3.42	2.45	
Mercury (Hg)		-0.0002			-0.0002			-0.0002			-0.0002			-0.0002			-0.0002		-0.0002	-0.0002	-0.0002	-0.0002	
Molybdenum (Mo)		-0.01			-0.01			-0.08			-0.01			-0.01			-0.01		-0.01	-0.01	-0.01	-0.01	
Nickel (Ni)		0.08			0.13			0.15			0.17			0.13			0.19		0.21	0.2	0.23	0.2	
Selenium (Se)		0.01			0.013			0.018			0.021			0.01			0.054		0.064	0.083	0.086	0.031	
Silver (Ag)		-0.01			-0.01			-0.01			-0.01			-0.01			-0.01		-0.01	-0.01	-0.01	-0.01	
Thallium (Tl)		-0.01			-0.01			-0.01			-0.01			-0.01			-0.01		-0.01	-0.01	-0.01	-0.01	
Vanadium (V2O5)		-0.1			-0.1			-0.1			-0.1			-0.1			-0.1		-0.1	-0.1	-0.1	-0.1	
Zinc (ZN)		0.17			0.43			0.77			0.74			0.5			0.7		0.72	0.67	0.67	0.69	
RADIOMETRIC pCi/l:																							
Uranium, natural		228			858			692			741			560			582		1100	569	687	183	
Radium 226		18.7			10.7			14.1			12			9.5			11.9		18.3	16.7	13.4	6.3	
Radium Precision +/-		1.5			1.1			1.3			1.1			1.1			1.2		1.6	1.6	1.3	1.2	
Radium 228		3.7			25.8			13.1			13			9.1			14.3		17	20.3	15.7	10.3	
Radium Precision +/-		1.5			2.4			1.2			1.6			1.1			1.2		1.7	1.8	1.6	1.4	
Comb. Ra226/228		22.4			36.5			27.2			25			18.6			26.2		35.3	37	29.1	16.6	
Thorium 230		-0.2			-0.2			-0.2			-0.2			1.1			-0.2		3.9	-0.2	0.6	-0.2	
Thorium Precision +/-														0.4					1.1		0.4		
Lead (Pb210)		-1			-1			-1			-1			-1			-1		-1	-1	-1	-1	
Lead Precision +/-																							
Gross Alpha		19.1			22.4			23.6			14.9			12.8			14.7		27.7	15.9	18.2	8.8	
Gross Alpha Precision +/-		1.4			1.3			1.5			1.1			1.1			1.3		3.4	2.7	2.5	1.7	
QUALITY ASSURANCE DATA																							
TDS A/C Balance (dec. %)		1.02			1.13			1.23			1.13			1.1			1.14		1.08	1.1	1.05	1.13	
ORGANICS mg/L:																							
Diesel Range Organics (DRO)	22	25	290	20	15	220	14	5.2	15	40	57	32	630	40000	24000	420	190	130	50	110	52	800000	
Gasoline Range Organics (GRO)	ND	0.073		0.134	0.125	0.083	0.092	0.06	0.063	0.102	ND	ND	0.137	ND	ND	0.159	0.176	0.147	0.064	0.173	0.132	ND	
VOLATILE ORGANIC COMPOUNDS mg/L:																							
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethene	ND	ND	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Naphthalene	ND	ND	0.12	0.048	0.041	0.054	0.023	0.0094	ND	ND	0.036	0.036	0.07	0.17	0.033	0.042	0.072	0.061	0.058	0.062	0.066	0.088	
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,1-Trichloroethane	ND	0.013	0.02	ND	ND	ND	ND	ND	ND	ND	ND	0.0013	0.027	ND	0.034	ND	ND	0.0029	ND	0.0041	0.0019	ND	
1,2,4-Trimethylbenzene	ND	ND	0.0062	ND	ND	ND	ND	ND	ND	0.0013	0.001	0.0015	ND	ND	0.0079	ND	ND	0.0031	0.0029	0.003	0.0027	ND	
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
m+p Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Methyl ethyl ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.11	ND	ND	ND	ND	ND	ND	ND	
(1) - EPA MCL																							
(2) - WY Drinking Water Equivalent Level																							
(3) - WY VRP, Fact Sheet 12																							
(4) - EPA RBC - Tap Water																							
(LAB: Energy Labs Inc. unless noted.)																							

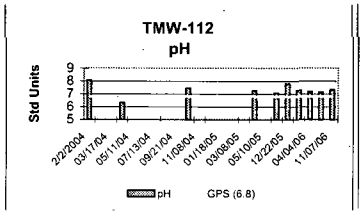
KENNECOTT URANIUM COMPANY												
TMW-111												
NORTHING: 148,800.06	Groundwater											
EASTING: 324,200.03	Protection	2004			2005				2006			
ND = Non-detectable	Standard	2/2/2004	02/11/04	08/04/04	02/03/05	06/14/05	08/08/05	12/13/05	02/13/06	04/04/06	08/08/06	11/13/06
FIELD DATA mg/l:	(GPS)											
Temperature (C)	as of 5/26/05	8	8	13	10	11	12	9.1	9.2	11.8	13.3	8.6
pH (Std. Units)		12.2	11.3	8.6	8.2	7.4	8.1	8.24	8.13	8.05	7.44	7.78
Cond. (umho/cm)		1400	820	240	320	560	400	270	320	280	736	243
TDS												
MAJOR IONS mg/l:												
Alk-CaCO3		164		56	64		88	85	90	88	95	95
Bicarbonate (HCO3)		18.5		69	76		107	104	106	104	116	113
Calcium (Ca)		69.1		14.1	28.1		89.9	36.7	40.2	42.4	80.6	19.3
Carbonate (CO3)		109		-1	-1		-1	-1	2	2	-1	2
Chloride (Cl)		7.1		3	4		7	-1	2	3	7	2
Fluoride (F)		0.3		0.2	0.2		1	0.3	0.3	0.2	0.2	0.3
Magnesium (Mg)		-1		1.3	2.3		8.3	3.2	3.4	3.9	7.6	1.4
Nitrate-N (NO3)		-0.1		-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		24.5		2.6	2.6		3.3	2.1	1.9	1.7	2.6	1.6
Silica (SiO2)		15.1		11	12		13	12	12	12	10	11
Sodium (Na)		55.5		41.7	42.2		42.7	38	37.3	37.2	36.8	36.8
Sulfate (SO4)		95.1		63	94		235	93	100	100	207	45
NON-METALS:												
Cyanide (CN)		-0.005		-0.005	-0.005		-0.0005	-0.005	-0.005	-0.005	-0.0005	-0.005
PHYSICAL PROPERTIES:												
Cond (umho/cm)		1100		285	355		689	376	399	395	666	273
pH	GPS (6.8)	11		7.92	8.36		8.03	7.58	8.53	8.46	8.03	8.41
TDS @ 180° C.	GPS (500)	364		199	201		460	244	236	270	430	176
METALS-DISSOLVED mg/l:												
Aluminum (Al)	GPS (1.8)	0.1		-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.004		0.002	0.001		0.003	0.001	0.001	0.001	0.001	-0.001
Barium (Ba)		-0.1		-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01		-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1		-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005		-0.005	-0.005		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	0.01		-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001		-0.001	-0.001		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01		-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.05		-0.05	-0.05		-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
Lead (Pb)		-0.01		-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	-0.01		-0.01	-0.01		0.03	0.03	-0.01	0.01	0.03	-0.01
Mercury (Hg)		0.0018		0.0006	-0.0002		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		0.01		-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01		-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001		-0.001	-0.001		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01		-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01		-0.01	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1		-0.1	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01		0.17	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:												
Uranium, natural	GPS (36)	-0.2		3.9	5.7		11.5	4.8	4.2	3.9	5.7	2.6
Radium 226		0.6		0.4	0.6		0.7	0.7	0.9	1.1	0.7	0.6
Radium Precision +/-		0.3		0.4	0.4		0.4	0.4	0.4	0.4	0.4	0.4
Radium 228		-1		-1	1.1		-1	-1	-1	-1	2.5	-1
Radium Precision +/-					0.8						0.7	
Comb. Ra226/228	GPS (5.8)	0.6		0.4	1.7		0.7	0.7	0.9	1.1	3.2	0.6
Thorium 230	GPS (7.0)	-0.2		-0.2	-0.2		-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-												
Lead (Pb210)	GPS (8.9)	-1		-1	-1		-1	-1	-1	-1	-1	6.2
Lead Precision +/-												1.5
Gross Alpha	GPS (15)	1.6		-1	1.6		2.1	-1	-1	-1	-1	-1
Gross Alpha Precision +/-		1			1.1		1.1					
QUALITY ASSURANCE DATA												
TDS A/C Balance (dec. %)		1.04		1.17	0.9		1.03	1.03	0.94	1.06	1.05	1.01
ORGANICS:												
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND			ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)					ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:												
Chloromethane	0.12	ND	ND			ND	ND	0.014	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND			ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND			ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND			ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND			ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND			ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND			ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND			ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND			ND	ND	ND	ND	ND	ND	ND
(1) - EPA MCL												
(2) - WY Drinking Water Equivalent Level												
(3) - WY VRP, Fact Sheet 12												
(4) - EPA RBC - Tap Water												
(LAB: Energy Labs Inc. unless noted.)												

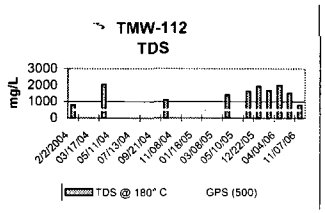


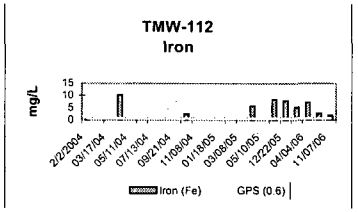


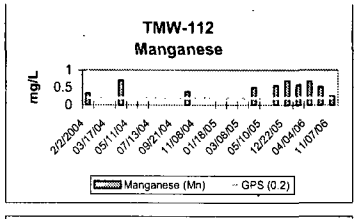
KENNECOTT URANIUM COMPANY																					
TMW-112																					
NORTHING: 148,700.09 EASTING: 324,199.95	Groundwater Protection	2004												2005							2006
ND = Non-detectable	Standard	2/2/2004	02/17/04	03/17/04	04/12/04	05/11/04	06/10/04	07/13/04	08/05/04	09/21/04	10/12/04	11/08/04	12/07/04	01/18/05	02/07/05	03/08/05	04/11/05	05/10/05	07/18/05	12/22/05	02/07/06
FIELD DATA mg/l:	(GPS)																				
Temperature (C)	as of 5/26/05	8	8	8	10	10	12	15	15	13	13	12.8	11	11	13	10	11	12	11	9	8.8
pH (Std. Units)		8.4	6.1	5.8	5.8	6.8	6.7	7.6	6.7	7.1	6.8	7.1	6.9	6.5	6.8	6.5	6.5	6.8	6.7	6.71	6.86
Cond. (umho/cm)		1000	1400	1800	1200	1200	1020	760	920	780	760	800	640	1600	1340	1000	1140	1100	820	1290	1260
TDS																					
MAJOR IONS mg/l:																					
Alk-CaCO3		88.8			37.5						92						83		84	78	75
Bicarbonate (HCO3)		108			45.8						112						101		103	95	92
Calcium (Ca)		153			396						227						269		347	357	314
Carbonate (CO3)		-1			-1						-1						-1		-1	-1	-1
Chloride (Cl)		11.4			37.5						19						25		29	35	27
Fluoride (F)		0.2			0.2						0.2						0.2		0.2	0.2	0.2
Magnesium (Mg)		20.2			47.5						24.6						32.1		44.1	47.8	44.1
Nitrate-N (NO3)		-0.1			0.24						-0.1						-0.1		-0.1	-0.1	-0.1
Potassium (K)		6.1			7.9						5						5.5		5.7	6.6	6
Silica (SiO2)		10.3			14.1						13						13		14	11	11
Sodium (Na)		67.4			81.7						57.5						61.6		75.4	82.3	72.7
Sulfate (SO4)		474			1160						592						880		1020	1170	926
NON-METALS:																					
Cyanide (CN)		-0.005			-0.005						-0.005						-0.005		-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:																					
Cond (umho/cm)		1090			2280						1420						1740		1910	2230	1910
pH	GPS (6.8)	8.09			6.33						7.44						7.24		7.08	7.8	7.29
TDS @ 180° C.	GPS (500)	771			2040						1100						1400		1640	1920	1680
METALS-DISSOLVED mg/l:																					
Aluminum (Al)	GPS (1.8)	-0.1			-0.1						-0.1						-0.1		-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001			0.002						0.002						-0.002		-0.001	-0.001	-0.002
Barium (Ba)		-0.1			-0.1						-0.1						-0.1		-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01			-0.01						-0.01						-0.01		-0.01	-0.01	-0.01
Boron (B)		-0.1			-0.1						-0.1						-0.1		-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005			-0.005						-0.005						-0.005		-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01			-0.01						-0.01						-0.01		-0.01	-0.01	-0.01
Cobalt (Co)		0.027			0.112						0.028						0.055		0.075	0.086	0.07
Copper (Cu)		-0.01			-0.01						-0.01						-0.01		-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.164			10.2						2.62						5.75		8.47	7.97	5.14
Lead (Pb)		-0.01			-0.01						-0.01						-0.01		-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.33			0.71						0.38						0.5		0.56	0.7	0.58
Mercury (Hg)		0.0004			-0.0002						-0.0002						-0.0002		-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01			-0.01						-0.01						-0.01		-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	0.05			0.15						0.04						0.08		0.12	0.11	0.09
Selenium (Se)	GPS (.01)	0.003			0.003						0.002						-0.004		-0.001	-0.001	0.002
Silver (Ag)		-0.01			-0.01						-0.01						-0.01		-0.01	-0.01	-0.01
Thallium (Tl)		-0.01			-0.01						-0.01						-0.01		-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1			-0.1						-0.1						-0.1		-0.1	-0.1	-0.1
Zinc (ZN)		0.02			0.08						0.02						0.04		0.04	0.03	0.03
RADIOMETRIC pCi/l:																					
Uranium, natural	GPS (36)	82.6			25.1						9.4						9.9		20.1	35.9	36.6
Radium 226		1.9			5.7						3.5						3.1		6.9	3.9	3.3
Radium Precision +/-		0.5			0.8						0.6						0.7		1	0.7	0.8
Radium 228		-1			19.8						4.4						8.4		12.4	15.5	13.1
Radium Precision +/-					1.5						1.4						1.1		1.6	1.4	1.2
Comb. Ra226/228	GPS (5.8)	1.9			25.5						7.9						11.5		19.3	19.4	16.4
Thorium 230	GPS (7.0)	-0.2			-0.2						-0.2						-0.2		-0.2	-0.2	-0.2
Thorium Precision +/-																					
Lead (Pb210)	GPS (8.9)	-1			-1						-1						-1		-1	-1	-1
Lead Precision +/-																					
Gross Alpha	GPS (15)	2.6			2.5						3.8						4.2		8.5	6	7.6
Gross Alpha Precision +/-		1			1						1.2						1.5		2	1.4	1.8
QUALITY ASSURANCE DATA:																					
TDS A/C Balance (dec. %)		0.98			1.16						1.11						1.04		1.04	1.09	1.16
ORGANICS mg/L:																					
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																					
Chloromethane	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.012	0.0011
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	0.0023	0.0019	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
(1) - EPA MCL																					
(2) - WY Drinking Water Equivalent Level																					
(3) - WY VRP, Fact Sheet 12																					
(4) - EPA RBC - Tap Water																					
(LAB: Energy Labs Inc. unless noted.)																					

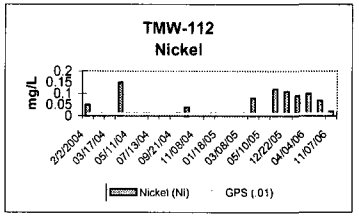
KENNECOTT URANIUM COMPANY				
TMW-112				
NORTHING: 148,700.09 EASTING: 324,199.95	Groundwater Protection			
ND = Non-detectable	Standard	04/04/06	08/08/06	11/07/06
FIELD DATA mg/l:	(GPS)			
Temperature (C)	as of 5/26/05	12.1	13.2	12
pH (Std. Units)		6.71	6.64	6.72
Cond. (umho/cm)		1260	1740	1042
TDS				
MAJOR IONS mg/l:				
Alk-CaCO3		75	70	99
Bicarbonate (HCO3)		92	86	121
Calcium (Ca)		399	305	161
Carbonate (CO3)		-1	-1	-1
Chloride (Cl)		28	24	12
Fluoride (F)		0.2	0.2	0.2
Magnesium (Mg)		55.6	40.4	21.1
Nitrate-N (NO3)		-0.1	-0.1	-0.1
Potassium (K)		6.1	5.2	3.9
Silica (SiO2)		12	10	10
Sodium (Na)		90.7	71.8	49.5
Sulfate (SO4)		1180	933	469
NON-METALS:				
Cyanide (CN)		-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:				
Cond (umho/cm)		2210	1900	1120
pH	GPS (6.8)	7.21	7.13	7.33
TDS @ 180° C.	GPS (500)	2000	1510	788
METALS-DISSOLVED mg/l:				
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	0.01	-0.01
Cobalt (Co)		0.082	0.052	0.022
Copper (Cu)		-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	7.12	2.76	1.78
Lead (Pb)		-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.68	0.52	0.26
Mercury (Hg)		-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	0.1	0.07	0.02
Selenium (Se)	GPS (.01)	0.001	0.002	-0.001
Silver (Ag)		-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1
Zinc (ZN)		0.04	0.04	0.01
RADIOMETRIC pCi/l:				
Uranium, natural	GPS (36)	49.1	48.1	34
Radium 226		3.4	3.3	2.3
Radium Precision +/-		0.7	0.6	0.9
Radium 228		8	12	3.4
Radium Precision +/-		1.3	0.9	1.3
Comb. Ra226/228	GPS (5.8)	11.4	15.3	5.7
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2
Thorium Precision +/-				
Lead (Pb210)	GPS (8.9)	-1	-1	-1
Lead Precision +/-				
Gross Alpha	GPS (15)	8.3	4.8	10
Gross Alpha Precision +/-		1.7	1.3	1.2
QUALITY ASSURANCE DATA:				
TDS A/C Balance (dec. %)		1.07	1.06	1
ORGANICS mg/L:				
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:				
Chloromethane	0.12	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND
(1) - EPA MCL				
(2) - WY Drinking Water Equivalent Level				
(3) - WY VRP, Fact Sheet 12				
(4) - EPA RBC - Tap Water				
(LAB: Energy Labs Inc. unless noted.)				

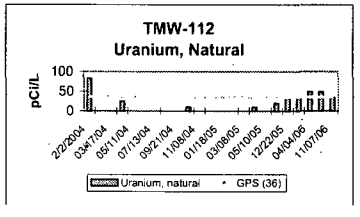


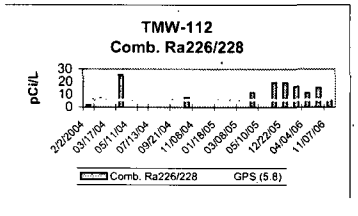




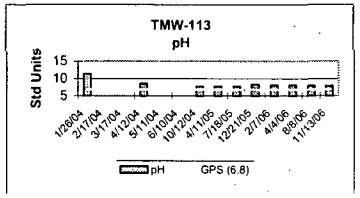


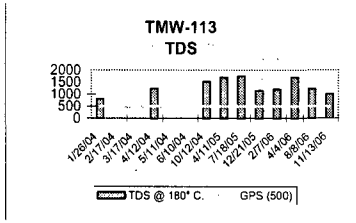


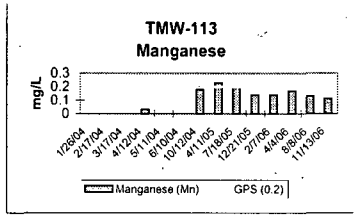


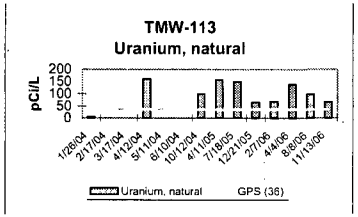


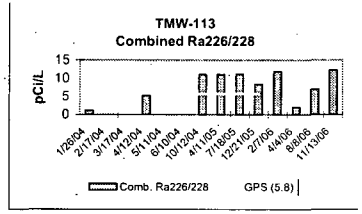
KENNECOTT URANIUM COMPANY															
TMW-113															
NORTHING: 148,600.06	Groundwater														
EASTING: 324,199.95	Protection	2004							2005			2006			
ND = Non-detectable	Standard	1/26/04	2/17/04	3/17/04	4/12/04	5/11/04	6/10/04	10/12/04	4/11/05	7/18/05	12/21/05	2/7/06	4/4/06	8/8/06	11/13/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	10	10	14	12	11	12	8.2	6.3	11.3	13	9.8
pH (Std. Units)		12.3	11.4	10.8	10.9	8.9	7.2	7.6	7.2	7.4	7.43	7.4	7.58	7.58	7.24
Cond. (umho/cm)		2400	1140	1800	780	1000	1200	900	1260	880	1010	1070	1050	1510	1211
TDS															
MAJOR IONS mg/l:															
Alk-CaCO3		260			22.8			98	106	110	105	110	111	106	104
Bicarbonate (HCO3)		8			26.8			120	129	134	125	134	136	129	127
Calcium (Ca)		178			236			335	344	388	226	245	369	253	206
Carbonate (CO3)		104			-1			-1	-1	-1	2	-1	-1	-1	-1
Chloride (Cl)		14.3			36.3			34	44	41	29	27	34	26	19
Fluoride (F)		0.4			0.2			0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
Magnesium (Mg)		-1			21.6			28.5	32.5	36.2	20	23.1	37.5	24.2	18.7
Nitrate-N (NO3)		-0.1			-0.1			-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		14.8			9.1			5.4	5.8	5.3	4.4	4.5	5	4.9	3.8
Silica (SiO2)		8.1			7.6			12	12	13	13	12	13	11	12
Sodium (Na)		83.7			90.7			73.4	76.3	81.3	55.2	61.7	84.5	62	55.1
Sulfate (SO4)		391			752			838	1050	1030	675	642	992	700	546
NON-METALS:															
Cyanide (CN)		-0.005			-0.005			-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		1730			1560			1960	2050	2010	1470	1480	1940	1610	1310
pH	GPS (6.8)	11.4			8.56			7.76	7.69	7.73	8.35	8.07	8.1	7.86	7.91
TDS @ 180° C.	GPS (500)	804			1230			1530	1710	1740	1150	1200	1700	1220	1010
METALS-DISSOLVED mg/l:															
Aluminum (Al)	GPS (1.8)	-0.1			-0.1			-0.1	-0.1	-0.1	-0.1	-0.1	0.2	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.001			0.006			0.005	0.007	0.006	0.004	0.002	0.004	0.003	0.003
Barium (Ba)		-0.1			-0.1			-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01			-0.01			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1			-0.1			-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005			-0.005			-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01			-0.01			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001			-0.001			0.001	-0.001	-0.001	-0.001	-0.001	0.002	-0.001	-0.001
Copper (Cu)		-0.01			-0.01			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.05			-0.05			0.27	0.45	0.53	0.35	0.17	0.52	-0.05	-0.05
Lead (Pb)		-0.01			-0.01			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	-0.01			0.03			0.18	0.23	0.2	0.14	0.14	0.17	0.13	0.11
Mercury (Hg)		0.0007			0.0013			-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		0.01			-0.01			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01			-0.01			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	0.009			0.003			0.002	-0.004	-0.001	-0.001	-0.001	0.002	0.001	-0.001
Silver (Ag)		-0.01			-0.01			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01			-0.01			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1			-0.1			-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01			-0.01			0.02	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	6.2			160			100	158	150	65.7	69.4	138	97.9	66
Radium 226		1.1			1.6			2.8	3.3	3.9	2.1	2.2	2	2.3	4
Radium Precision +/-		0.4			0.6			0.6	0.7	0.8	0.6	0.7	0.5	0.5	0.7
Radium 228		-1			3.8			8.2	7.7	7.2	6.3	9.7	-1	4.7	8.2
Radium Precision +/-					1.1			1.5	1	1.4	1.2	1.1		0.8	1.1
Comb. Ra226/228	GPS (5.8)	1.1			5.4			11	11	11.1	8.4	11.9	2	7	12.2
Thorium 230	GPS (7.0)	-0.2			-0.2			-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-															
Lead (Pb210)	GPS (8.9)	-1			-1			-1	-1	-1	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	1.6			9.6			2.9	4.4	5.3	3	3.4	4.4	2.5	3.9
Gross Alpha Precision +/-		1			1.6			1.1	1.5	1.7	1.1	1.4	1.3	1	0.5
QUALITY ASSURANCE DATA															
TDS A/C Balance (dec. %)		0.96			1.06			1.1	1.05	1.05	1.06	1.11	1.04	1.07	1.09
ORGANICS mg/L:															
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:															
Chloromethane	0.12	ND	ND	ND	ND	ND	ND			ND	0.012	0.0013	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	0.0022	0.0018	0.0014	ND	ND	ND			ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
(1) - EPA MCL															
(2) - WY Drinking Water Equivalent Level															
(3) - WY VRP, Fact Sheet 12															
(4) - EPA RBC - Tap Water															
(LAB: Energy Labs Inc. unless noted.)															



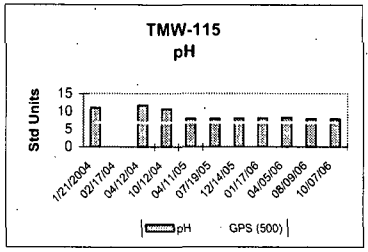


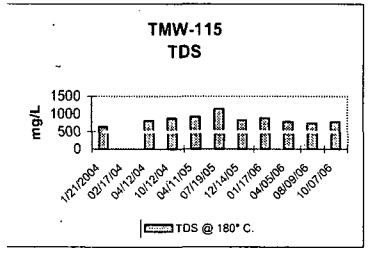


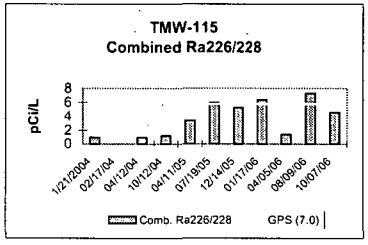




KENNECOTT URANIUM COMPANY												
TMW-115												
NORTHING: 148,499.96	Groundwater											
EASTING: 324,199.79	Protection	2004				2005			2006			
ND = Non-detectable	Standard	1/21/2004	02/17/04	04/12/04	10/12/04	04/11/05	07/19/05	12/14/05	01/17/06	04/05/06	08/09/06	10/07/06
FIELD DATA mg/l:	(GPS)											
Temperature (C)	as of 5/26/05	8	8	11	11	9	12	5.9	6.4	12.3	12.9	10.1
pH (Std. Units)		12.5	12.3	12.1	11.2	8.2	7.4	7.46	7.67	7.65	7.25	7.52
Cond. (umho/cm)		1100	1360	1280	780	860	640	800	870	620	960	1013
TDS												
MAJOR IONS mg/l:												
Alk-CaCO3		113		266	29	23	87	115	118	117	112	115
Bicarbonate (HCO3)		13.5		6	7	28	106	140	143	142	137	141
Calcium (Ca)		129		187	192	174	269	188	180	170	151	177
Carbonate (CO3)		74.5		191	17	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		9.7		8.9	16	12	18	16	16	13	14	13
Fluoride (F)		0.3		0.3	0.1	0.1	0.1	0.2	-0.1	0.2	0.2	0.1
Hydroxide as OH		16.6		-1								
Magnesium (Mg)		1.2		-0.1	3.7	13.4	20.2	16.6	15.8	14.8	13	15.2
Nitrate-N (NO3)		-0.1		14.6	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		13.5		14.6	10	8.1	5.8	4.1	4.1	3.2	4	3.7
Silica (SiO2)		15.1		8.8	4	11	12	14	13	14	11	13
Sodium (Na)		70.9		79.3	66.5	62.5	59	50.5	49.6	50.5	46.2	52.1
Sulfate (SO4)		308		353	557	573	714	485	474	427	389	445
NON-METALS:												
Cyanide (CN)		-0.005		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:												
Cond (umho/cm)		1290		1860	1250	1250	1410	1110	1160	1050	1070	1070
pH	GPS (6.8)	11		11.8	10.6	7.92	7.92	8.08	8.13	8.19	7.96	7.86
TDS @ 180° C.	GPS (500)	641		814	875	925	1150	830	890	778	744	784
METALS-DISSOLVED mg/l:												
Aluminum (Al)	GPS (1.8)	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.002		0.003	-0.001	0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.05		-0.05	-0.05	0.07	-0.05	-0.05	-0.05	-0.05	0.06	0.06
Lead (Pb)		-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	-0.01		-0.01	-0.01	0.02	0.11	0.09	0.1	0.08	0.07	0.08
Mercury (Hg)		0.0011		0.006	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		0.02		0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	0.007		0.002	0.002	0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01
RADIOMETRIC pCi/l:												
Uranium, natural	GPS (36)	-0.2		0.4	0.4	12.9	15.6	11.4	12.3	10.8	9.4	9.8
Radium 226		1		1	1.2	1.3	1.9	2.4	2.2	1.4	1.4	1.4
Radium Precision +/-		0.4		0.5	0.4	0.5	0.5	0.6	0.9	0.4	0.5	0.4
Radium 228		-1		-1	-1	2.1	4.1	2.9	4.2	-1	5.9	3.2
Radium Precision +/-						0.9	1.3	1.2	1.2		0.8	1.1
Comb. Ra226/228	GPS (5.8)	1		1	1.2	3.4	6	5.3	6.4	1.4	7.3	4.6
Thorium 230	GPS (7.0)	-0.2		-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-												
Lead (Pb210)	GPS (8.9)	-1		-1	-1	-1	-1	-1	-1	-1	-1	4.4
Lead Precision +/-												1.5
Gross Alpha	GPS (15)	3.1		-1	1.1	-1	2.6	3.1	2.8	1.4	2.3	2
Gross Alpha Precision +/-		1.1			1		1.2	0.9	1.3	0.7	1	0.6
QUALITY ASSURANCE DATA:												
TDS A/C Balance (dec. %)		1.07		1.01	1.01	1.07	1	0.98	1.08	1.02	1.07	0.99
ORGANICS mg/L:												
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND			ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND			ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:												
Chloromethane	0.12	ND	ND	ND			ND	0.012	0.017	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND			ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND			ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND			ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND			ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND			ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND			ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND			ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND			ND	ND	ND	ND	ND	ND
(1) - EPA MCL												
(2) - WY Drinking Water Equivalent Level												
(3) - WY VRP, Fact Sheet 12												
(4) - EPA RBC - Tap Water												
(LAB: Energy Labs Inc. unless noted.)												







Diesel Excavation
Monitor Wells

KENNECOTT URANIUM COMPANY									
TMW-72									
NORTHING: 149,020.47 EASTING: 322,997.15	Groundwater Protection	2002							
ND = Non-detectable	Standard	02/05/02	03/12/02	05/08/02	05/16/02	06/26/02	07/31/02	08/20/02	09/11/02
FIELD DATA mg/l:	(GPS)								
Temperature (C)	as of 5/26/05								
pH (Std. Units)									
Cond. (umho/cm)									
TDS									
MAJOR IONS mg/l:									
Alk-CaCO3			33						
Bicarbonate (HCO3)			40.3						
Calcium (Ca)			310						
Carbonate (CO3)			-1						
Chloride (Cl)			64.6						
Fluoride (F)			0.2						
Magnesium (Mg)			16.4						
Nitrate-N (NO3)			-0.1						
Potassium (K)			10.6						
Silica (SiO2)			8.2						
Sodium (Na)			84.6						
Sulfate (SO4)			897						
NON-METALS:									
Cyanide (CN)			-0.005						
PHYSICAL PROPERTIES:									
Cond (umho/cm)			1760						
pH	GPS (6.8)		7.6						
TDS @ 180° C.	GPS (500)		1480						
METALS-DISSOLVED mg/l:									
Aluminum (Al)	GPS (1.8)		-0.1						
Arsenic (As)	GPS (.05)		0.002						
Barium (Ba)			-0.1						
Beryllium (Be)	GPS (.01)		-0.01						
Boron (B)			-0.1						
Cadmium (Cd)	GPS (.01)		-0.005						
Chromium (Cr)	GPS (.05)		-0.01						
Cobalt (Co)			-0.001						
Copper (Cu)			-0.01						
Iron (Fe)	GPS (0.6)		-0.05						
Lead (Pb)			-0.01						
Manganese (Mn)	GPS (0.2)		0.02						
Mercury (Hg)			0.0003						
Molybdenum (Mo)			-0.01						
Nickel (Ni)	GPS (.01)		0.01						
Selenium (Se)	GPS (.01)		0.001						
Silver (Ag)			-0.01						
Thallium (Tl)			-0.01						
Vanadium (V2O5)			-0.1						
Zinc (ZN)			-0.01						
RADIOMETRIC pCi/l:									
Uranium, natural	GPS (36)		684						
Radium 226			4						
Radium Precision +/-			0.3						
Radium 228			7.1						
Radium Precision +/-			1						
Combined Ra226/228	GPS (5.8)		11.1						
Thorium 230	GPS (7.0)		-0.2						
Thorium Precision +/-									
Lead (Pb210)	GPS (8.9)		-2.7						
Lead Precision +/-									
Gross Alpha	GPS (15)		3.4						
Gross Alpha Precision +/-			1.3						
QUALITY ASSURANCE DATA:									
TDS A/C Balance (dec. %)			1.04						
(LAB: Energy Labs Inc. unless noted.)									
ORGANICS:									
Diesel Range Organics (DRO)	(mg/L)	ND		ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	(mg/L)	ND	0.826	0.228	0.199	0.121	0.06	0.051	0.055
1,1-Dichloroethane	(ug/L)	ND	ND	ND	ND	1.8	1.7	1.5	1.7
Chloromethane	(ug/L)								

KENNECOTT URANIUM COMPAN									
TMW-72									
NORTHING: 149,020.47 EASTING: 322,997.15				2003					
ND = Non-detectable	10/10/02	11/18/02	12/10/02	01/07/03	02/10/03	03/12/03	04/23/03	05/14/03	06/04/03
FIELD DATA mg/l:									
Temperature (C)									
pH (Std. Units)									
Cond. (umho/cm)									
TDS									
MAJOR IONS mg/l:									
Alk-CaCO3									
Bicarbonate (HCO3)									
Calcium (Ca)									
Carbonate (CO3)									
Chloride (Cl)									
Fluoride (F)									
Magnesium (Mg)									
Nitrate-N (NO3)									
Potassium (K)									
Silica (SiO2)									
Sodium (Na)									
Sulfate (SO4)									
NON-METALS:									
Cyanide (CN)									
PHYSICAL PROPERTIES:									
Cond (umho/cm)									
pH									
TDS @ 180° C.									
METALS-DISSOLVED mg/l:									
Aluminum (Al)									
Arsenic (As)									
Barium (Ba)									
Beryllium (Be)									
Boron (B)									
Cadmium (Cd)									
Chromium (Cr)									
Cobalt (Co)									
Copper (Cu)									
Iron (Fe)									
Lead (Pb)									
Manganese (Mn)									
Mercury (Hg)									
Molybdenum (Mo)									
Nickel (Ni)									
Selenium (Se)									
Silver (Ag)									
Thallium (Tl)									
Vanadium (V2O5)									
Zinc (ZN)									
RADIOMETRIC pCi/l:									
Uranium, natural									
Radium 226									
Radium Precision +/-									
Radium 228									
Radium Precision +/-									
Combined Ra226/228									
Thorium 230									
Thorium Precision +/-									
Lead (Pb210)									
Lead Precision +/-									
Gross Alpha									
Gross Alpha Precision +/-									
QUALITY ASSURANCE DATA:									
TDS A/C Balance (dec. %)									
(LAB: Energy Labs Inc. unless notec									
ORGANICS:									
Diesel Range Organics (DRO)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	0.032	0.023	0.029	0.025	ND	ND	ND	ND	ND
1,1-Dichloroethane	2	1.9	1.4	1.3	1.8	1.8	1.4	1.5	1
Chloromethane									

KENNECOTT URANIUM COMPAN`									
TMW-72									
NORTHING: 149,020.47 EASTING: 322,997.15							2004		
ND = Non-detectable	07/14/03	08/05/03	09/17/03	10/22/03	11/11/03	12/09/03	01/13/04	02/11/04	03/16/04
FIELD DATA mg/l:									
Temperature (C)							8		8
pH (Std. Units)							8.9		7.7
Cond. (umho/cm)							1200		1100
TDS									
MAJOR IONS mg/l:									
Alk-CaCO3							76		
Bicarbonate (HCO3)							92.7		
Calcium (Ca)							305		
Carbonate (CO3)							-1		
Chloride (Cl)							45.8		
Fluoride (F)							0.1		
Magnesium (Mg)							20.5		
Nitrate-N (NO3)							-0.1		
Potassium (K)							5.5		
Silica (SiO2)							10.9		
Sodium (Na)							69.6		
Sulfate (SO4)							820		
NON-METALS:									
Cyanide (CN)							-0.005		
PHYSICAL PROPERTIES:									
Cond (umho/cm)							1900		
pH							7.89		
TDS @ 180° C.							1550		
METALS-DISSOLVED mg/l:									
Aluminum (Al)							-0.1		
Arsenic (As)							-0.001		
Barium (Ba)							-0.1		
Beryllium (Be)							-0.01		
Boron (B)							-0.1		
Cadmium (Cd)							-0.005		
Chromium (Cr)							-0.01		
Cobalt (Co)							-0.001		
Copper (Cu)							-0.01		
Iron (Fe)							0.076		
Lead (Pb)							-0.01		
Manganese (Mn)							0.11		
Mercury (Hg)							-0.0002		
Molybdenum (Mo)							-0.01		
Nickel (Ni)							-0.01		
Selenium (Se)							-0.001		
Silver (Ag)							-0.01		
Thallium (Tl)							-0.01		
Vanadium (V2O5)							-0.1		
Zinc (ZN)							-0.01		
RADIOMETRIC pCi/l:									
Uranium, natural							1030		
Radium 226							6.5		
Radium Precision +/-							0.9		
Radium 228							4.6		
Radium Precision +/-							1		
Combined Ra226/228							11.11		
Thorium 230							-0.2		
Thorium Precision +/-									
Lead (Pb210)							-2.7		
Lead Precision +/-									
Gross Alpha							9.2		
Gross Alpha Precision +/-							1		
QUALITY ASSURANCE DATA:									
TDS A/C Balance (dec. %)							1.18		
(LAB: Energy Labs Inc. unless notec									
ORGANICS:									
Diesel Range Organics (DRO)	ND	ND	ND	ND	ND		ND	ND	ND
Gasoline Range Organics (GRO)	ND	ND	ND	ND	ND	N	ND	ND	ND
1,1-Dichloroethane	1.5	1.1	1.2	1.6	1.3	1.6	1.7	ND	1.1
Chloromethane									

KENNECOTT URANIUM COMPAN									
TMW-72									
NORTHING: 149,020.47 EASTING: 322,997.15									
ND = Non-detectable	04/12/04	05/11/04	06/10/04	07/14/04	08/04/04	09/16/04	10/13/04	11/08/04	12/08/04
FIELD DATA mg/l:									
Temperature (C)	12	13	15	15					
pH (Std. Units)	7.1	8.2	7.6	7.5					
Cond. (umho/cm)	980	980	900	880					
TDS									
MAJOR IONS mg/l:									
Alk-CaCO3									
Bicarbonate (HCO3)									
Calcium (Ca)									
Carbonate (CO3)									
Chloride (Cl)									
Fluoride (F)									
Magnesium (Mg)									
Nitrate-N (NO3)									
Potassium (K)									
Silica (SiO2)									
Sodium (Na)									
Sulfate (SO4)									
NON-METALS:									
Cyanide (CN)									
PHYSICAL PROPERTIES:									
Cond (umho/cm)									
pH									
TDS @ 180° C.									
METALS-DISSOLVED mg/l:									
Aluminum (Al)									
Arsenic (As)									
Barium (Ba)									
Beryllium (Be)									
Boron (B)									
Cadmium (Cd)									
Chromium (Cr)									
Cobalt (Co)									
Copper (Cu)									
Iron (Fe)									
Lead (Pb)									
Manganese (Mn)									
Mercury (Hg)									
Molybdenum (Mo)									
Nickel (Ni)									
Selenium (Se)									
Silver (Ag)									
Thallium (Tl)									
Vanadium (V2O5)									
Zinc (ZN)									
RADIOMETRIC pCi/l:									
Uranium, natural									
Radium 226									
Radium Precision +/-									
Radium 228									
Radium Precision +/-									
Combined Ra226/228									
Thorium 230									
Thorium Precision +/-									
Lead (Pb210)									
Lead Precision +/-									
Gross Alpha									
Gross Alpha Precision +/-									
QUALITY ASSURANCE DATA:									
TDS A/C Balance (dec. %)									
(LAB: Energy Labs Inc. unless noted									
ORGANICS:									
Diesel Range Organics (DRO)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)		ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	1.3	ND	1	1.2	ND	1.2	ND	ND	ND
Chloromethane									

KENNECOTT URANIUM COMPAN									
TMW-72									
NORTHING: 149,020.47 EASTING: 322,997.15	2005								
ND = Non-detectable	01/19/05	02/09/05	03/08/05	04/12/05	05/10/05	06/09/05	07/19/05	08/09/05	09/22/05
FIELD DATA mg/l:									
Temperature (C)									
pH (Std. Units)									
Cond. (umho/cm)									
TDS									
MAJOR IONS mg/l:									
Alk-CaCO3									
Bicarbonate (HCO3)									
Calcium (Ca)									
Carbonate (CO3)									
Chloride (Cl)									
Fluoride (F)									
Magnesium (Mg)									
Nitrate-N (NO3)									
Potassium (K)									
Silica (SiO2)									
Sodium (Na)									
Sulfate (SO4)									
NON-METALS:									
Cyanide (CN)									
PHYSICAL PROPERTIES:									
Cond (umho/cm)									
pH									
TDS @ 180° C.									
METALS-DISSOLVED mg/l:									
Aluminum (Al)									
Arsenic (As)									
Barium (Ba)									
Beryllium (Be)									
Boron (B)									
Cadmium (Cd)									
Chromium (Cr)									
Cobalt (Co)									
Copper (Cu)									
Iron (Fe)									
Lead (Pb)									
Manganese (Mn)									
Mercury (Hg)									
Molybdenum (Mo)									
Nickel (Ni)									
Selenium (Se)									
Silver (Ag)									
Thallium (Tl)									
Vanadium (V2O5)									
Zinc (ZN)									
RADIOMETRIC pCi/l:									
Uranium, natural									
Radium 226									
Radium Precision +/-									
Radium 228									
Radium Precision +/-									
Combined Ra226/228									
Thorium 230									
Thorium Precision +/-									
Lead (Pb210)									
Lead Precision +/-									
Gross Alpha									
Gross Alpha Precision +/-									
QUALITY ASSURANCE DATA:									
TDS A/C Balance (dec. %)									
(LAB: Energy Labs Inc. unless notec									
ORGANICS:									
Diesel Range Organics (DRO)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND

KENNECOTT URANIUM COMPAN`									
TMW-72									
NORTHING: 149,020.47 EASTING: 322,997.15				2006					
ND = Non-detectable	10/25/05	11/29/05	12/12/05	01/11/06	02/02/06	03/01/06	04/10/06	05/02/06	06/05/06
FIELD DATA mg/l:									
Temperature (C)				9.3	7.4	9.6	10.6	11.2	13.1
pH (Std. Units)				7.59	7.7	7.65	7.41	7.51	7.47
Cond. (umho/cm)				910	720	920	960	900	1503
TDS									
MAJOR IONS mg/l:									
Alk-CaCO3				82					
Bicarbonate (HCO3)				101					
Calcium (Ca)				212					
Carbonate (CO3)				-1					
Chloride (Cl)				40					
Fluoride (F)				-0.1					
Magnesium (Mg)				15					
Nitrate-N (NO3)				-0.1					
Potassium (K)				3.6					
Silica (SiO2)				12					
Sodium (Na)				58.8					
Sulfate (SO4)				546					
NON-METALS:									
Cyanide (CN)				-0.005					
PHYSICAL PROPERTIES:									
Cond (umho/cm)				1250					
pH				7.8					
TDS @ 180° C.				1000					
METALS-DISSOLVED mg/l:									
Aluminum (Al)				-0.1					
Arsenic (As)				-0.001					
Barium (Ba)				-0.1					
Beryllium (Be)				-0.01					
Boron (B)				-0.1					
Cadmium (Cd)				-0.005					
Chromium (Cr)				-0.01					
Cobalt (Co)				-0.001					
Copper (Cu)				-0.01					
Iron (Fe)				-0.05					
Lead (Pb)				-0.01					
Manganese (Mn)				0.03					
Mercury (Hg)				-0.0002					
Molybdenum (Mo)				-0.01					
Nickel (Ni)				-0.01					
Selenium (Se)				-0.001					
Silver (Ag)				-0.01					
Thallium (Tl)				-0.01					
Vanadium (V2O5)				-0.1					
Zinc (ZN)				-0.01					
RADIOMETRIC pCi/l:									
Uranium, natural				267					
Radium 226				4.1					
Radium Precision +/-				0.7					
Radium 228				4.4					
Radium Precision +/-				1					
Combined Ra226/228				8.5					
Thorium 230				-0.2					
Thorium Precision +/-									
Lead (Pb210)				-0.1					
Lead Precision +/-									
Gross Alpha				3.5					
Gross Alpha Precision +/-				1					
QUALITY ASSURANCE DATA:									
TDS A/C Balance (dec. %)				1.07					
(LAB: Energy Labs Inc. unless noted									
ORGANICS:									
Diesel Range Organics (DRO)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	1.2	ND	ND	ND	1	ND	ND	1
Chloromethane	ND	12	12	2.5	1.4	ND	ND	ND	ND

KENNECOTT URANIUM COMPAN							
TMW-72							
NORTHING: 149,020.47							
EASTING: 322,997.15							
ND = Non-detectable	07/25/06	08/15/06	09/05/06	10/02/06	10/26/06	11/08/06	12/13/06
FIELD DATA mg/l:							
Temperature (C)	12.8	13.7	13.3	12.6	9.5	10.9	8.8
pH (Std. Units)	7.67	7.29	7.44	7.51	7.38	7.4	7.48
Cond. (umho/cm)	1471	1335	1350	952	114	977	1070
TDS							
MAJOR IONS mg/l:							
Alk-CaCO3					80		
Bicarbonate (HCO3)					98		
Calcium (Ca)					211		
Carbonate (CO3)					-1		
Chloride (Cl)					41		
Fluoride (F)					0.2		
Magnesium (Mg)					14.4		
Nitrate-N (NO3)					-0.1		
Potassium (K)					3.9		
Silica (SiO2)					13		
Sodium (Na)					55.6		
Sulfate (SO4)					536		
NON-METALS:							
Cyanide (CN)					-0.005		
PHYSICAL PROPERTIES:							
Cond (umho/cm)					1260		
pH					7.51		
TDS @ 180° C.					890		
METALS-DISSOLVED mg/l:							
Aluminum (Al)					-0.1		
Arsenic (As)					-0.001		
Barium (Ba)					-0.1		
Beryllium (Be)					-0.01		
Boron (B)					-0.1		
Cadmium (Cd)					-0.005		
Chromium (Cr)					-0.01		
Cobalt (Co)					-0.001		
Copper (Cu)					-0.01		
Iron (Fe)					-0.05		
Lead (Pb)					-0.01		
Manganese (Mn)					0.02		
Mercury (Hg)					-0.0002		
Molybdenum (Mo)					-0.01		
Nickel (Ni)					-0.01		
Selenium (Se)					0.002		
Silver (Ag)					-0.01		
Thallium (Tl)					-0.01		
Vanadium (V2O5)					-0.1		
Zinc (ZN)					-0.01		
RADIOMETRIC pCi/l:							
Uranium, natural					194		
Radium 226					3.9		
Radium Precision +/-					0.7		
Radium 228					1.8		
Radium Precision +/-					0.8		
Combined Ra226/228					5.7		
Thorium 230					-0.2		
Thorium Precision +/-							
Lead (Pb210)					-0.1		
Lead Precision +/-							
Gross Alpha					3.8		
Gross Alpha Precision +/-					0.8		
QUALITY ASSURANCE DATA:							
TDS A/C Balance (dec. %)					0.96		
(LAB: Energy Labs Inc. unless notec							
ORGANICS:							
Diesel Range Organics (DRO)	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	1.3	ND	1	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	2.5	ND	ND

KENNECOTT URANIUM COMPANY											
TMW-73											
NORTHING: 149,055.70 EASTING: 322,896.82	Groundwater Protection	2002									
ND = Non-detectable	Standard	04/16/02	04/30/02	05/14/02	06/26/02	07/31/02	08/20/02	09/11/02	10/10/02	11/18/02	12/10/02
FIELD DATA mg/l:	(GPS)										
Temperature (C)	as of 5/26/05										
pH (Std. Units)											
Cond. (umho/cm)											
TDS											
MAJOR IONS mg/l:											
Alk-CaCO3											
Bicarbonate (HCO3)											
Calcium (Ca)											
Carbonate (CO3)											
Chloride (Cl)											
Fluoride (F)											
Magnesium (Mg)											
Nitrate-N (NO3)											
Potassium (K)											
Silica (SiO2)											
Sodium (Na)											
Sulfate (SO4)											
NON-METALS:											
Cyanide (CN)											
PHYSICAL PROPERTIES:											
Cond (umho/cm)											
pH	GPS (6.8)										
TDS @ 180° C.	GPS (500)										
METALS-DISSOLVED mg/l:											
Aluminum (Al)	GPS (1.8)										
Arsenic (As)	GPS (.05)										
Barium (Ba)											
Beryllium (Be)	GPS (.01)										
Boron (B)											
Cadmium (Cd)	GPS (.01)										
Chromium (Cr)	GPS (.05)										
Cobalt (Co)											
Copper (Cu)											
Iron (Fe)	GPS (0.6)										
Lead (Pb)											
Manganese (Mn)	GPS (0.2)										
Mercury (Hg)											
Molybdenum (Mo)											
Nickel (Ni)	GPS (.01)										
Selenium (Se)	GPS (.01)										
Silver (Ag)											
Thallium (Tl)											
Vanadium (V2O5)											
Zinc (ZN)											
RADIOMETRIC pCi/l:											
Uranium, natural	GPS (36)										
Radium 226											
Radium Precision +/-											
Radium 228											
Radium Precision +/-											
Combined Ra226/228	GPS (5.8)										
Thorium 230	GPS (7.0)										
Thorium Precision +/-											
Lead (Pb210)	GPS (8.9)										
Lead Precision +/-											
Gross Alpha	GPS (15)										
Gross Alpha Precision +/-											
QUALITY ASSURANCE DATA:											
TDS A/C Balance (dec. %)											
(LAB: Energy Labs Inc. unless noted.)											
ORGANICS											
Diesel Range Organics (DRO)	(mg/L)	ND		ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	(mg/L)	.0.32		ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	(ug/L)	3.2	4	5.2	4.3	5	4.7	4.5	5.4	4.1	3.3
1,1-Dichloroethane	(ug/L)	2.8	3.2	2.7	3.3	3.4	2.9	3	3.5	3.1	2.5
1,1-Dichloroethene	(ug/L)	ND	1	1	1.4	2	1.6	1.2	1.7	1.4	1.7
Chloromethane	(ug/L)	ND	ND	2.4	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	(ug/L)	ND	ND	ND	1	ND	ND	ND	ND	ND	ND
m+p-Xylenes	(ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	(ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

KENNECOTT URANIUM COMPAN												
TMW-73												
NORTHING: 149,055.70 EASTING: 322,896.82	2003											
ND = Non-detectable	01/07/03	02/10/03	03/12/03	04/23/03	05/14/03	06/04/03	07/14/03	08/05/03	09/17/03	10/22/03	11/11/03	12/09/03
FIELD DATA mg/l:												
Temperature (C)												
pH (Std. Units)												
Cond. (umho/cm)												
TDS												
MAJOR IONS mg/l:												
Alk-CaCO3												
Bicarbonate (HCO3)												
Calcium (Ca)												
Carbonate (CO3)												
Chloride (Cl)												
Fluoride (F)												
Magnesium (Mg)												
Nitrate-N (NO3)												
Potassium (K)												
Silica (SiO2)												
Sodium (Na)												
Sulfate (SO4)												
NON-METALS:												
Cyanide (CN)												
PHYSICAL PROPERTIES:												
Cond (umho/cm)												
pH												
TDS @ 180° C.												
METALS-DISSOLVED mg/l:												
Aluminum (Al)												
Arsenic (As)												
Barium (Ba)												
Beryllium (Be)												
Boron (B)												
Cadmium (Cd)												
Chromium (Cr)												
Cobalt (Co)												
Copper (Cu)												
Iron (Fe)												
Lead (Pb)												
Manganese (Mn)												
Mercury (Hg)												
Molybdenum (Mo)												
Nickel (Ni)												
Selenium (Se)												
Silver (Ag)												
Thallium (Tl)												
Vanadium (V2O5)												
Zinc (ZN)												
RADIOMETRIC pCi/l:												
Uranium, natural												
Radium 226												
Radium Precision +/-												
Radium 228												
Radium Precision +/-												
Combined Ra226/228												
Thorium 230												
Thorium Precision +/-												
Lead (Pb210)												
Lead Precision +/-												
Gross Alpha												
Gross Alpha Precision +/-												
QUALITY ASSURANCE DATA:												
TDS A/C Balance (dec. %)												
(LAB: Energy Labs Inc. unless note												
ORGANICS												
Diesel Range Organics (DRO)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Gasoline Range Organics (GRO)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	4	4.1	5.2	4.2	3.8	4	3.2	3.8	3.8	2.5	2.9	3.5
1,1-Dichloroethane	2.8	2.5	3.1	2.6	2.6	2.5	2.4	2.9	2.4	2.2	2	2.3
1,1-Dichloroethene	1.6	1.8	2.1	1.8	1.6	1.7	1.5	1.7	1.9	1.4	1.5	1.7
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p-Xylenes	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

KENNECOTT URANIUM COMPAN										
TMW-73										
NORTHING: 149,055.70 EASTING: 322,896.82	2004									
ND = Non-detectable	01/12/04	02/11/04	03/16/04	04/12/04	05/11/04	06/10/04	07/14/04	08/04/04	09/16/04	10/13/04
FIELD DATA mg/l:										
Temperature (C)	8		8	10	12	15	15			
pH (Std. Units)	7.8		7.8	6.9	7.3	7.5	7.2			
Cond. (umho/cm)	1460		1240	1200	1360	1240	1000			
TDS										
MAJOR IONS mg/l:										
Alk-CaCO3	105									
Bicarbonate (HCO3)	127									
Calcium (Ca)	329									
Carbonate (CO3)	-1									
Chloride (Cl)	56.2									
Fluoride (F)	-0.1									
Magnesium (Mg)	34.8									
Nitrate-N (NO3)	1.59									
Potassium (K)	5.1									
Silica (SiO2)	5.6									
Sodium (Na)	95.8									
Sulfate (SO4)	941									
NON-METALS:										
Cyanide (CN)	-0.005									
PHYSICAL PROPERTIES:										
Cond (umho/cm)	2190									
pH	7.85									
TDS @ 180° C.	1840									
METALS-DISSOLVED mg/l:										
Aluminum (Al)	-0.1									
Arsenic (As)	-0.001									
Barium (Ba)	-0.1									
Beryllium (Be)	-0.01									
Boron (B)	-0.1									
Cadmium (Cd)	-0.005									
Chromium (Cr)	-0.01									
Cobalt (Co)	-0.001									
Copper (Cu)	-0.01									
Iron (Fe)	-0.05									
Lead (Pb)	-0.01									
Manganese (Mn)	0.03									
Mercury (Hg)	-0.0002									
Molybdenum (Mo)	-0.01									
Nickel (Ni)	-0.01									
Selenium (Se)	0.115									
Silver (Ag)	-0.01									
Thallium (Tl)	-0.01									
Vanadium (V2O5)	-0.1									
Zinc (ZN)	-0.01									
RADIOMETRIC pCi/l:										
Uranium, natural	8050									
Radium 226	19.2									
Radium Precision +/-	1.5									
Radium 228	9.4									
Radium Precision +/-	1.1									
Combined Ra226/228	28.6									
Thorium 230	-0.2									
Thorium Precision +/-										
Lead (Pb210)	-2.7									
Lead Precision +/-										
Gross Alpha	20.2									
Gross Alpha Precision +/-	1.4									
QUALITY ASSURANCE DATA:										
TDS A/C Balance (dec. %)	1.2									
(LAB: Energy Labs Inc. unless note										
ORGANICS										
Diesel Range Organics (DRO)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	ND	ND	ND		ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	3.2	2.7	3.7	3.3	3.5	4.2	2.9	3.7	3.7	3.7
1,1-Dichloroethane	2.4	1.5	2.2	2.5	2.2	2.5	2	2.2	2.4	1.8
1,1-Dichloroethene	1.4	1.8	1.6	1.7	1.5	1.9	1.3	1.5	1.5	1.8
Chloromethane	ND	ND	ND	ND	ND	ND	1	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p-Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

KENNECOTT URANIUM COMPAN										
TMW-73										
NORTHING: 149,055.70 EASTING: 322,896.82			2005							
ND = Non-detectable	11/08/04	12/08/04	01/19/05	02/09/05	03/08/05	04/12/05	05/10/05	06/09/05	07/19/05	08/09/05
FIELD DATA mg/l:										
Temperature (C)										
pH (Std. Units)										
Cond. (umho/cm)										
TDS										
MAJOR IONS mg/l:										
Alk-CaCO3										
Bicarbonate (HCO3)										
Calcium (Ca)										
Carbonate (CO3)										
Chloride (Cl)										
Fluoride (F)										
Magnesium (Mg)										
Nitrate-N (NO3)										
Potassium (K)										
Silica (SiO2)										
Sodium (Na)										
Sulfate (SO4)										
NON-METALS:										
Cyanide (CN)										
PHYSICAL PROPERTIES:										
Cond (umho/cm)										
pH										
TDS @ 180° C.										
METALS-DISSOLVED mg/l:										
Aluminum (Al)										
Arsenic (As)										
Barium (Ba)										
Beryllium (Be)										
Boron (B)										
Cadmium (Cd)										
Chromium (Cr)										
Cobalt (Co)										
Copper (Cu)										
Iron (Fe)										
Lead (Pb)										
Manganese (Mn)										
Mercury (Hg)										
Molybdenum (Mo)										
Nickel (Ni)										
Selenium (Se)										
Silver (Ag)										
Thallium (Tl)										
Vanadium (V2O5)										
Zinc (ZN)										
RADIOMETRIC pCi/l:										
Uranium, natural										
Radium 226										
Radium Precision +/-										
Radium 228										
Radium Precision +/-										
Combined Ra226/228										
Thorium 230										
Thorium Precision +/-										
Lead (Pb210)										
Lead Precision +/-										
Gross Alpha										
Gross Alpha Precision +/-										
QUALITY ASSURANCE DATA:										
TDS A/C Balance (dec. %)										
(LAB: Energy Labs Inc. unless note										
ORGANICS										
Diesel Range Organics (DRO)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	ND	ND	ND	ND	ND	ND	ND		ND	ND
1,1,1-Trichloroethane	4.2	3.7	3.4	3.6	3.6	3.4	3.5	3.8	3.6	4
1,1-Dichloroethane	2.3	2.1	2.1	2.6	2.2	1.8	2	2.1	2.1	1.9
1,1-Dichloroethene	1.7	1.6	1.5	1.8	1.7	1.5	1.5	1.5	1.4	1.3
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p-Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

KENNECOTT URANIUM COMPAN										
TMW-73										
NORTHING: 149,055.70 EASTING: 322,896.82					2006					
ND = Non-detectable	09/22/05	10/25/05	11/29/05	12/12/05	01/11/06	02/02/06	03/01/06	04/10/06	05/02/06	06/05/06
FIELD DATA mg/l:										
Temperature (C)					4.4	7	7		11.4	14.6
pH (Std. Units)					7.36	7.29	7.6		7.49	7.54
Cond. (umho/cm)					1270	1300	1350		1300	2300
TDS										
MAJOR IONS mg/l:										
Alk-CaCO3					105					
Bicarbonate (HCO3)					128					
Calcium (Ca)					326					
Carbonate (CO3)					-1					
Chloride (Cl)					57					
Fluoride (F)					-0.1					
Magnesium (Mg)					35					
Nitrate-N (NO3)					2.1					
Potassium (K)					4.9					
Silica (SiO2)					6					
Sodium (Na)					99.9					
Sulfate (SO4)					931					
NON-METALS:										
Cyanide (CN)					-0.005					
PHYSICAL PROPERTIES:										
Cond (umho/cm)					2020					
pH					8.06					
TDS @ 180° C.					1730					
METALS-DISSOLVED mg/l:										
Aluminum (Al)					-0.1					
Arsenic (As)					0.001					
Barium (Ba)					-0.1					
Beryllium (Be)					-0.01					
Boron (B)					-0.1					
Cadmium (Cd)					-0.005					
Chromium (Cr)					-0.01					
Cobalt (Co)					-0.001					
Copper (Cu)					-0.01					
Iron (Fe)					-0.05					
Lead (Pb)					-0.01					
Manganese (Mn)					0.03					
Mercury (Hg)					-0.0002					
Molybdenum (Mo)					-0.01					
Nickel (Ni)					-0.01					
Selenium (Se)					0.131					
Silver (Ag)					-0.01					
Thallium (Tl)					-0.01					
Vanadium (V2O5)					-0.1					
Zinc (ZN)					-0.01					
RADIOMETRIC pCi/l:										
Uranium, natural					6080					
Radium 226					20.5					
Radium Precision +/-					1.7					
Radium 228					7					
Radium Precision +/-					1					
Combined Ra226/228					27.5					
Thorium 230					-2					
Thorium Precision +/-										
Lead (Pb210)					-1					
Lead Precision +/-										
Gross Alpha					19.6					
Gross Alpha Precision +/-					2.2					
QUALITY ASSURANCE DATA:										
TDS A/C Balance (dec. %)					1.13					
(LAB: Energy Labs Inc. unless note										
ORGANICS										
Diesel Range Organics (DRO)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	3.7	3.2	3.7	3.6	3.6	3.5	3.7	3.5	3.3	3.3
1,1-Dichloroethane	2	2.1	2.1	1.9	1.9	1.8	2	2	2	1.9
1,1-Dichloroethene	1.6	1.4	1.4	1.3	1.6	1.5	1.5	1.4	1.5	1.5
Chloromethane	ND	ND	11	11	3.4	1.4	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p-Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

KENNECOTT URANIUM COMPAN						Pre-pump depth to water 101.22; A = 111.45 (59 gal); B = 111.44 (450 gal); C = 111.48 (932 gal)			
TMW-73									
NORTHING: 149,055.70 EASTING: 322,896.82									
ND = Non-detectable	07/25/06	08/15/06	09/05/06	10/02/06	10/26/06	11/08/06	11/08/06	11/08/06	12/13/06
FIELD DATA mg/l:						**A**	**B**	**C**	
Temperature (C)	13.3	12.7	12.9	11.9	10.4	11.8	12.9	11.5	9.90
pH (Std. Units)	7.42	7.12	7.12	7.31	7.22	7.37	7.09	7.07	7.14
Cond. (umho/cm)	1945	1885	210	1916	1897	1895	1870	1867	1917
TDS									
MAJOR IONS mg/l:									
Alk-CaCO3					108	104	103	104	
Bicarbonate (HCO3)					131	127	126	127	
Calcium (Ca)					355	345	319	341	
Carbonate (CO3)					-1	-1	-1	-1	
Chloride (Cl)					63	64	56	61	
Fluoride (F)					0.1	-0.1	-0.1	-0.1	
Magnesium (Mg)					37.2	35.6	33.2	35.4	
Nitrate-N (NO3)					2.4	2.2	2.1	1.7	
Potassium (K)					5.2	5	4.6	5	
Silica (SiO2)					6	6	6	6	
Sodium (Na)					100	105	95	99.2	
Sulfate (SO4)					987	971	893	923	
NON-METALS:									
Cyanide (CN)					-0.005	-0.005	-0.005	0.005	
PHYSICAL PROPERTIES:									
Cond (umho/cm)					2110	2080	2060	2050	
pH					7.56	7.84	7.85	7.86	
TDS @ 180° C.					1690	1640	1640	1620	
METALS-DISSOLVED mg/l:									
Aluminum (Al)					-0.1	-0.1	-0.1	-0.1	
Arsenic (As)					0.003	0.002	0.003	0.002	
Barium (Ba)					-0.1	-0.1	-0.1	-0.1	
Beryllium (Be)					-0.01	-0.01	-0.01	-0.01	
Boron (B)					-0.1	-0.1	-0.1	-0.1	
Cadmium (Cd)					-0.005	-0.005	-0.005	-0.005	
Chromium (Cr)					-0.01	-0.01	-0.01	-0.01	
Cobalt (Co)					-0.001	-0.001	-0.001	-0.001	
Copper (Cu)					0.01	-0.01	-0.01	-0.01	
Iron (Fe)					-0.05	-0.05	-0.05	-0.05	
Lead (Pb)					-0.01	-0.01	-0.01	-0.01	
Manganese (Mn)					0.02	0.02	0.02	0.03	
Mercury (Hg)					-0.0002	-0.0002	-0.0002	-0.0002	
Molybdenum (Mo)					-0.01	-0.01	-0.01	-0.01	
Nickel (Ni)					-0.01	-0.01	-0.01	-0.01	
Selenium (Se)					0.138	0.134	0.12	0.127	
Silver (Ag)					-0.01	-0.01	-0.01	-0.01	
Thallium (Tl)					-0.01	-0.01	-0.01	-0.01	
Vanadium (V2O5)					-0.1	-0.1	-0.1	-0.1	
Zinc (ZN)					-0.01	-0.01	-0.01	0.02	
RADIOMETRIC pCi/l:									
Uranium, natural					5990	5320	5110	5690	
Radium 226					19.7	16.8	24.1	26.6	
Radium Precision +/-					1.5	2	2.4	2.5	
Radium 228					2.6	4.1	4.9	4.2	
Radium Precision +/-					0.9	1.3	1.3	1.3	
Combined Ra226/228					22.3	20.9	29	30.8	
Thorium 230					-0.2	-0.2	-0.2	-0.2	
Thorium Precision +/-									
Lead (Pb210)					-1	-1	-1	-1	
Lead Precision +/-									
Gross Alpha					37.4	29.6	36	31.9	
Gross Alpha Precision +/-					2.1	1.9	2.1	2	
QUALITY ASSURANCE DATA:									
TDS A/C Balance (dec. %)					1.04	1.03	1.11	1.05	
(LAB: Energy Labs Inc. unless note									
ORGANICS									
Diesel Range Organics (DRO)	ND	ND	ND	ND		ND			ND
Gasoline Range Organics (GRO)	ND	ND	ND	ND		ND			ND
1,1,1-Trichloroethane	3.6	2.8	3.1	2.8		3			3.1
1,1-Dichloroethane	2.1	1.8	1.9	1.8		1.8			1.9
1,1-Dichloroethene	1.6	1.5	1.6	1.4		1.3			1.5
Chloromethane	ND	ND	ND	ND		ND			ND
Tetrachloroethene	ND	ND	ND	ND		ND			ND
m+p-Xylenes	ND	ND	ND	ND		ND			ND
Toluene	ND	ND	ND	ND		ND			ND

KENNECOTT URANIUM COMPANY			CGL = Chemical & Geological Laboratories			ELI = Energy Laboratories, Inc.								
SWEETWATER TAILINGS CELL			CLI = Core Laboratories, Inc.			MEC = Minerals Exploration Company								
Surface Water Analysis														
WYDEQ III Livestock Standard		1980	1981	1982	1983	1984	1985	1986		1987	1988	1989	1990	1991
	Std	12/30/80	12/17/81	7/16/82	8/16/83	6/4/84	8/1/85	4/11/86	7/10/86	7/6/87	7/12/88	3/29/89	6/12/90	10/31/91
FIELD DATA mg/l:		(CGL)	(MEC)	(MEC)	(CGL)	(CLI)	(CLI)	(CLI)	(CLI)	(CLI)	(CLI)			
Temperature (C)			5	14					16.8	18.6	18.5	6.2	13.8	
pH (Std. Units)			0.9	1.99					1.76	1.72	2.16	2.18	2.19	
Cond (umho/cm)			15800	16100					11300	9200	8009	3560	5290	
TDS									1000+	1000+	1000+	1000+	1000+	
MAJOR IONS mg/l:														
Alk-CaC03		0	50	ND	0	-5	0	-1	0	1	-1	0	0	0
Bicarbonate (HCO3)		0		0	0	-1	0	0	0			0	0	0
Calcium (Ca)		158	126.7	61.2	370	420	472	519	502	497	510	320	478	580
Carbonate (CO3)		0		0	0	-1	0	0	0			0	0	0
Chloride (Cl)	2000	28	39.5	100	160	200	140	215	183	200	244	139	479	551
Fluoride (F)		0.45	0.5	1.6	0.09	0.22	8	5.4	0.3	14.5	11.9	-0.1	-0.1	0.1
Magnesium (Mg)		10		124	164	192	230	125	310	350	220	220	513	566
Nitrate-N (NO2)	10	0.11	ND	ND	23.33	17.5	29.3	11.6	25	24	0.5	1.12	5.09	-0.01
Potassium (K)		3	1.4	610	42	44	45	96	53	61	63	29	41.2	10.8
Silica (SiO2)		18.6	186.4	280.9	496	556	527	523	435	43	79	364	618	681
Sodium (Na)		337	99.8	109.2	166	184	225	232	283	258	302	180	596	680
Sulfate (SO4)	3000	1090	9529	9311.7	7400	6200	9200	8880	10400	10400	12600	5743	12760	14084
NON-METALS:														
Cyanide (CN)												-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:														
Cond (umho/cm)		3075	15800	17455	11000	10870	10830	11360	11800			7872	13611	13752
pH (units)	-2	2.3	0.9	2	1.4	1.8	1.7	1.82	1.9			2.3	1.97	2.57
TDS @ 180°	5000	1322	12958	13646	9640	10580	14178	13990	14100	14700	16600	8464	19352	20408
TRACE METALS mg/l:														
Aluminum (Al)	5	15.7	151.4	180.3	312	360	375	378		423	567	320	485	818
Arsenic (As)	0.2	-0.01	0.288	0.425	0.78	0.326	0.18	0.23	0.36	0.126	0.447	0.223	0.41	0.26
Barium (Ba)						0.052	0.01	0.01				-0.1	-0.1	-0.1
Beryllium (Be)												0.16	0.24	0.23
Boron (B)	5	-1	0	-4.5	0.19	0.13	0.15	-0.1	-0.1	3	0.75	-0.1	0.1	0.13
Cadmium (Cd)	0.05	-0.01	-0.005	-0.005	0.02	-0.01	0.23	-0.01	0.03	0.05		-0.005	0.024	0.093
Chromium (Cr)	0.05	0.06	1.7	1.95	3.59	-0.05	1.7	3.1	0.56	2.48	35	1.5	2.45	3.65
Cobalt (Co)	1													
Copper (Cu)	0.5	0.04	0.9	1	1.09	0.86	1.1	1.1	1.2	1.5	1.46	0.76	1.31	2.11
Iron (Fe)		32.5		1350	898	836	815	830	750	1290	1550		1297	1676
Lead (Pb)	0.1	-0.05	0.8	0.75	0.66	0.48	0.33	0.49	0.42	-0.05	0.4	0.05	0.11	0.39
Manganese (Mn)		0.82	23.2	22.5	19	26.9	26	26.6	27.7	30	48.7	22	46.2	74.87
Mercury (Hg)	0.005	-0.001	-0.005	-0.005	-0.0004	-0.0004	0.0004	0.0043	-0.0004	-0.0004	-0.0004	-0.001	-0.001	-0.002
Molybdenum (Mo)		-0.1	0.1	-0.1	-0.1	-0.1	-0.02	-0.02	-0.02	0.3	-0.5	-0.01	0.01	0.04
Nickel (Ni)		0.07	1.3	1.3	1.91	0.93	1.1	1.2	1.2	1.8	2.33	1.1	2.68	3.93
Selenium (Se)	0.05	-0.01	0.032	-0.005	0.02	0.012	0.009	0.029	0.023	0.002	0.424	0.262	0.531	0.44
Silver (Ag)							-0.02	-0.02				-0.01	0.01	0.02
Thallium (Tl)												-0.015	0.49	-0.015
Vanadium (V205)	0.1	0.41	2.8	3.2	2.91	2.72	3.1	4.3	4.7	7.6	9.64	2.5	2.04	2.06
Zinc (ZN)	25	1.11	31	1.64	1.7	1.72	3.1	2.1	2.2	3	4	1.9	4.03	6.02
RADIOMETRIC pCi/l:														
Uranium, natural	3385	3012.7	3100.1	2.66 E-6	3046.5	3047	44	2006	2832	5416	4690 (0.2)	2269	8023	7777 (0.2)
Radium 226		114 +/- 3	99.14 +/- 2.09	47.47 E-9 +/- 0.89 E-9	102 +/- 12	59 +/- 2	11.2 +/- 0.5	41.9 +/- 9	25 +/- 5.1	13 +/- 0.8	12.7 +/- 1	303 +/- 8.3	439 +/- 9.6	126 +/- 4.4
Radium 228												15.1 +/- 2.0	-1	15.8 +/- 2.1
Combined Ra226/228	5											318.1	439	141.8
Thorium 230		1-24 +/- 68	3035 +/- 6.93	8.64 E-6 +/- 1.47 E-7	864 +/- 1195	23567 +/- 1717	6857 +/- 68	18461	39334 +/- 337	11000 +/- 77	15200 +/- 105	11521 +/- 195	2831 +/- 45.1	2820 +/- 14
Lead (Pb210)		394 +/- 20	1541 +/- 37	625 +/- 4.21 E-1	513 +/- 5	2850 +/- 52	2598.6 +/- 160	2134 +/- 8	1890 +/- 124	1440 +/- 89	2.0 +/- 1.1	76.9 +/- 5.3	90.9 +/- 8.7	-1
Polonium (Po210)		64 +/- 11	361 +/- 25	2.89 E-8 +/- 1.02 E-8	640 +/- 7	1581 +/- 40	476 +/- 8	176 +/- 14	782 +/- 29	1.8 +/- 0.6	17.5 +/- 1.1			
Gross Alpha	15											14093 +/- 119	3325 +/- 58	3000 +/- 55
QUALITY ASSURANCE DATA:														
A/C Balance					51.4	49.1	57.86	12.69					1.115	0.964
(Energy Labs Inc unless noted)														

KENNECOTT URANIUM COMPANY			*Revised*												
SWEETWATER TAILINGS CELL			*08/22/97*												
Surface Water Analysis															
WYDEQ III Livestock Standard		1992			1993		1994		1995	1996	1997	1998	1999	2000	
	Std	4/14/92	8/11/92	10/22/92	7/1/93	9/23/93	3/24/94	7/28/94	3/31/95	6/22/96	6/3/97	6/2/98	6/2/99	6/6/00	
FIELD DATA mg/l:															
Temperature (C)				11.3	18.6	15.8	3.2	21.3	2	17.1	18	14	14	16	
pH (Std. Units)				2.4	2.2	2.1	3	2.4	2.33	2.53		2.8	2.8	2.7	
Cond (umho/cm)				13930	12450	13140	14700	12510	11310	13400	11200	11600	13000	9000	
TDS				6980	6180	6590	8010	6210	5650	6690					
MAJOR IONS mg/l:															
Alk-CaC03		0	0	0	0	0	0	0	0	0	0	-1	-1	-1	
Bicarbonate (HCO3)		0	0	0	0	0	0	0	0	0	0	-0.1	-0.1	-0.1	
Calcium (Ca)		588	726	529	445	449	423	421	348	707	389	378	431	410	
Carbonate (CO3)		0	0	0	0	0	0	0	0	0	0	-0.1	-0.1	-0.1	
Chloride (Cl)	2000	538	49.4	532	460	558	661	579	445	628	502	503	574	607	
Fluoride (F)		84.7	-0.1	0.18	-0.1	0.11	0.13	0.1	0.12	26.5	24	24.1	25.1	30.4	
Magnesium (Mg)		580	632	699	548	729	578	810	761	1010	880	830	880	931	
Nitrate-N (NO2)	10	146	97.1	-0.1	-0.1	0.2	2.7	0.14	0.27	0.3	1.86	0.14	1.1	0.83	
Potassium (K)		14.3	9.17	5	2.9	0.9	1	1.1	0.87	0.7	1.03	1	1.9	0.5	
Silica (SiO2)		745	393	631	554	615	476	495	338	364	252	237	232	188	
Sodium (Na)		683	777	669	465	663	682	627	541	870	606	607	651	657	
Sulfate (SO4)	3000	13850	13300	14793	10701	12976	12145	13539	11000	14281	13120	12300	12200	11500	
NON-METALS:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	
PHYSICAL PROPERTIES:															
Cond (umho/cm)		1420	12449	13115	12560	13928	14313	13085	11823	12495	11800	12600	12900	14300	
pH (units)	-2	2.23	2.24	2.34	2.58	2.46	2.43	2.48	2.7	2.55	2.61	2.82	2.81	2.83	
TDS @ 180°	5000	21061	19300	21140	15441	17532	16887	17665	14566	19167	15900	18700	18600	19900	
TRACE METALS mg/l:															
Aluminum (Al)	5	874	979	906	676	854	863	912	800	920	974	1000	1150	916	
Arsenic (As)	0.2	0.46	0.4	0.02	0.14	0.16	0.12	0.114	0.099	0.097	0.068	0.081	0.073	0.078	
Barium (Ba)		-0.1	0.37	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.89	
Beryllium (Be)		0.23	-0.01	0.26	0.23	-0.01	0.31	0.22	0.19	0.3	0.24	0.24	0.26	0.27	
Boron (B)	5	-0.1	0.15	-0.1	3.98	4.5	3.08	1.9	0.78	-0.1	0.56	-0.1	0.75	-0.1	
Cadmium (Cd)	0.05	-0.005	0.021	-0.005	-0.005	-0.005	-0.005	-0.01	0.07	0.11	0.028	0.022	0.02	0.038	
Chromium (Cr)	0.05	2.86	3.79	3.36	3.75	3.3	3.08	2.25	2.52	3.21	2.38	2.12	2.23	2.35	
Cobalt (Co)	1		2.085	1.78	2.55	6.65	2.45	-	1.47	2.19	1.83	2.47	1.69	2.07	
Copper (Cu)	0.5	2.28	2.79	2.41	2.48	2.82	1.73	1.83	1.88	2.55	2	1.93	1.8	2.03	
Iron (Fe)		1703	638	1540	1256	1478	1125	991	840	874	722	573	418	348	
Lead (Pb)	0.1	-0.01	-0.01	-0.01	-0.01	0.41	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	
Manganese (Mn)		62.9	83.9	72.2	66.7	76	65.4	63.1	62.2	82.4	80	76	78.6	79.5	
Mercury (Hg)	0.005	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	0.0006	
Molybdenum (Mo)		0.11	0.33	-0.01	-0.01	-0.01	-0.01	-0.1	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	
Nickel (Ni)		3.69	5.08	4.14	4.95	5.73	4.35	4.06	3.6	5.37	4.3	5.7	4	6.16	
Selenium (Se)	0.05	0.614	0.426	0.62	0.608	0.618	0.385	0.847	0.349	0.608	0.888	0.655	0.641	0.706	
Silver (Ag)		2.05	-0.01	0.12	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	
Thallium (Tl)		-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.01	-0.01	-0.01	-0.01	-0.01	
Vanadium (V205)	0.1	2.05	2.38	1.93	2.1	1.89	1.5	1.2	1.14	1.37	1.4	0.87	0.75	0.57	
Zinc (ZN)	25	5.72	7.02	6.45	6.38	7.71	6.67	5.95	5.9	0.79	6.68	7.48	6.99	7.65	
RADIOMETRIC pCi/l:															
Uranium, natural	3385	7212	8480	6177	9030	10507	9864	10311	9242	8973	8400	10800	11200	12000	
Radium 226		70.1 +/- 2.9	74.4 +/- 7.6	54.7 +/- 2.5	38.1 +/- 3.1	40.4 +/- 1.8	53.9 +/- 3.3	112 +/- 6	25.7 +/- 2.1	55.3 +/- 1.9	60.6 +/- 2.6	45.8 +/- 2.0	567 +/- 2.3	83.1 +/- 3.0	
Radium 228		1.8 +/- 0.7	4.2 +/- 0.9	5.8 +/- 0.7	9.0 +/- 2.9	3.5 +/- 0.9	9.6 +/- 9.4	7.6 +/- 5.4	-1	6.7 +/- 0.5	-1	1.9 +/- 1.1	2.9 +/- 0.5	3.6 +/- 0.2	
Combined Ra226/228	5	71.9	78.6	60.5	47.1	43.9	63.5	119.6	25.7	62	60.6	47.7	569.9	86.7	
Thorium 230		19310 +/- 105	18700 +/- 119	5487 +/- 44	9880 +/- 104	3266 +/- 54	650 +/- 403	4136 +/- 371	28217 +/- 623	7550 +/- 160	4526 +/- 86	6360 +/- 108	2340 +/- 44.1	11500 +/- 212	
Lead (Pb210)		6.3 +/- 0.8	5.4 +/- 3.8	5 +/- 0.7	-1	-1	3.5 +/- 2.1	9.0 +/- 8.1	1.8 +/- 1.1	7.9 +/- 0.9	6.6 +/- 2.3	-1	5.0 +/- 1.8	-1	
Polonium (Po210)															
Gross Alpha	15	20000 +/- 400	27300 +/- 165	5541 +/- 74.4	9919+/-99	3312 +/- 58	718 +/- 26.8	4276 +/- 22	28244 +/- 168	16600 +/- 130	274 +/- 9.4	300 +/- 10.7	261 +/- 9.9	162 +/- 6.0	
QUALITY ASSURANCE DATA:															
A/C Balance		1.033	1.13	1.037	1.064	0.999	1.044	1	1.02	1.02	0.96	1.2	1.2	1.35	
(Energy Labs Inc unless noted)															

KENNECOTT URANIUM COMPANY							
SWEETWATER TAILINGS CELL							
Surface Water Analysis							
WYDEQ III Livestock Standard		2001	2002	2003	2004	2005	2006
	Std	6/5/01	6/12/02	6/4/03	6/15/04	6/7/05	6/6/06
FIELD DATA mg/l:							
Temperature (C)		10	12	14	16	14	
pH (Std. Units)		2.8	2.8	2.8	16.2	2.1	
Cond (umho/cm)		1200	9600	10400	9000	8000	
TDS							
MAJOR IONS mg/l:							
Alk-CaC03		-1	-1	-1	-1	-1	-1
Bicarbonate (HCO3)		-1	-1	-1	-1	-1	-1
Calcium (Ca)		469	410	459	470	436	501
Carbonate (CO3)		-1	-1	-1	-1	-1	-1
Chloride (Cl)	2000	610	680	678	820	651	683
Fluoride (F)		36.5	42.4	43.7	38.4	16	44.9
Magnesium (Mg)		1130	992	1130	1300	1140	1290
Nitrate-N (NO2)	10	0.67	0.4	2.4	0.17	-0.1	0.3
Potassium (K)		0.7	-1	1.5	1	-0.5	1.4
Silica (SiO2)		175	151	138	130	119	117
Sodium (Na)		733	724	801	810	726	725
Sulfate (SO4)	3000	13100	12500	13400	14000	12500	13500
NON-METALS:							
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:							
Cond (umho/cm)		14000	14200	14100	14100	13600	13200
pH (units)	-2	2.81	2.83	2.88	2.95	2.94	3.09
TDS @ 180°	5000	19400	20400	20100	21000	19100	18100
TRACE METALS mg/l:							
Aluminum (Al)	5	1220	1150	1250	1300	1230	1060
Arsenic (As)	0.2	0.039	0.036	0.023	0.06	0.027	0.019
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)		0.2	0.32	0.18	0.25	0.33	0.35
Boron (B)	5	0.5	0.63	-0.22	-0.1	0.3	0.4
Cadmium (Cd)	0.05	0.019	0.034	0.02	0.03	0.019	0.017
Chromium (Cr)	0.05	1.83	2.47	1.31	2	1.7	1.44
Cobalt (Co)	1	1.95	2.78	1.87	3	2.63	2.96
Copper (Cu)	0.5	1.54	2.04	1.76	1.9	1.64	1.54
Iron (Fe)		313	250	232	230	139	115
Lead (Pb)	0.1	-0.01	-0.01	0.02	-0.01	-0.01	-0.01
Manganese (Mn)		61.7	94	70.4	110	84.4	94.4
Mercury (Hg)	0.005	-0.0002	0.0005	-0.0004	0.0005	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	0.04	-0.01
Nickel (Ni)		4.6	7.01	5.79	7.2	6.8	6.92
Selenium (Se)	0.05	0.591	0.618	0.579	0.24	0.534	0.461
Silver (Ag)		-0.01	0.05	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	0.16	-0.01	-0.01
Vanadium (V205)	0.1	0.4	0.5	0.3	0.2	0.2	0.2
Zinc (ZN)	25	5.8	9.19	11.6	9.5	8.25	7.48
RADIOMETRIC pCi/l:							
Uranium, natural	3385	12300	12321.4	12000	11000	10300	11100
Radium 226		59.8 +/- 2.3	55.9 +/- 2.3	69.8+/-2.5	46.2 +/- 2.2	23.8 +/- 1.8	1.5 +/- 0.4
Radium 228		1.9 +/- 1.0	-1	-1	-1	-1	8.9+/-1.1
Combined Ra226/228	5	61.7	55.9	69.8	46.2	23.8	10.4
Thorium 230		9440 +/- 78	3250 +/- 30.3	1890+/-19.7	2110 +/- 34.9	1650+/-24.3	1620+/-113
Lead (Pb210)		-1	-2.7	-2.7	-1	-1	-1
Polonium (Po210)						-	-
Gross Alpha	15	149 +/- 6.4	124 +/- 5.0	212+/-7.2	222 +/- 10.9	83.3 +/- 5.3	127+/-6.0
QUALITY ASSURANCE DATA:							
A/C Balance		1.17	1.19	1.09	1.17	1.22	1.07
(Energy Labs Inc unless noted)							

Background Radionuclide Sample Locations – West End Diesel Contaminated Soil Excavation

ENERGY LABORATORIES, INC. * 2393 Salt Creek Highway (82601) * PO Box 3258 * Casper, WY 82602

LABORATORY ANALYTICAL REPORT

Client: Kennecott Uranium Company
Project: Sweetwater Uranium
Lab ID: C06110788-002
Client Sample ID: S.W. Corner Diesel Excavation at Bench 1

Report Date: 12/12/06
Collection Date: 11/16/06 10:25
DateReceived: 11/17/06
Matrix: Soil

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Moisture	4.5	%		0.1		USDA26	11/22/06 08:45 / dj
RADIONUCLIDES - GAMMA, FINAL							
Radium 226	18.3	pCi/g-dry		1.0		E901.1	12/04/06 08:50 / db
Radium 226 precision (±)	1.4	pCi/g-dry				E901.1	12/04/06 08:50 / db
RADIONUCLIDES - GAMMA, INITIAL							
Radium 226	12.7	pCi/g-dry		1.0		E901.1	11/20/06 09:30 / db
Radium 226 precision (±)	1.4	pCi/g-dry				E901.1	11/20/06 09:30 / db

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

ENERGY LABORATORIES, INC. * 2393 Salt Creek Highway (82601) * PO Box 3258 * Casper, WY 82602

LABORATORY ANALYTICAL REPORT

Client: Kennecott Uranium Company
Project: Sweetwater Uranium
Lab ID: C06110792-002
Client Sample ID: S.W. Corner Diesel Excavation at Bench 1

Report Date: 12/12/06
Collection Date: 11/16/06 10:25
DateReceived: 11/17/06
Matrix: Soil

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Sulfate	63	mg/kg-dry		10		SW6010B	11/21/06 11:25 / trs
PHYSICAL PROPERTIES							
Moisture	4.5	%		0.1		USDA26	11/22/06 08:45 / dj
pH, 1:10	8.93	s.u.		0.01		ASA10-3	11/20/06 12:33 / mb
METALS - TOTAL							
Uranium	43.3	mg/kg-dry	D	0.03		SW6020	11/21/06 13:11 / bws
RADIONUCLIDES - TOTAL							
Thorium 230	6.4	pCi/g-dry		0.1		E907.0	11/30/06 15:00 / df
Thorium 230 precision (±)	1.2	pCi/g-dry				E907.0	11/30/06 15:00 / df
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	ND	mg/kg		10		SW8015M as	11/20/06 23:46 / bah
Oil Range Hydrocarbons (C28-C40+)	ND	mg/kg		10		SW8015M as	11/20/06 23:46 / bah
Total Extractable Hydrocarbons	ND	mg/kg		10		SW8015M as	11/20/06 23:46 / bah
Surr: o-Terphenyl	91.0	%REC			60-130	SW8015M as	11/20/06 23:46 / bah

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.

ENERGY LABORATORIES, INC. * 2393 Salt Creek Highway (82601) * PO Box 3258 * Casper, WY 82602

LABORATORY ANALYTICAL REPORT

Client: Kennecott Uranium Company
Project: Sweetwater Uranium
Lab ID: C06110788-003
Client Sample ID: Diesel Excavtion North Wall West End Bottom Redox 2

Report Date: 12/12/06
Collection Date: 11/17/06 10:39
DateReceived: 11/17/06
Matrix: Soil

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Moisture	3.1	%		0.1		USDA26	11/22/06 08:45 / dj
RADIONUCLIDES - GAMMA, FINAL							
Radium 226	4.6	pCi/g-dry		1.0		E901.1	12/04/06 08:50 / db
Radium 226 precision (±)	1.1	pCi/g-dry				E901.1	12/04/06 08:50 / db
RADIONUCLIDES - GAMMA, INITIAL							
Radium 226	4.4	pCi/g-dry		1.0		E901.1	11/20/06 09:30 / db
Radium 226 precision (±)	1.1	pCi/g-dry				E901.1	11/20/06 09:30 / db

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

ENERGY LABORATORIES, INC. * 2393 Salt Creek Highway (82601) * PO Box 3258 * Casper, WY 82602

LABORATORY ANALYTICAL REPORT

Client: Kennecott Uranium Company
Project: Sweetwater Uranium
Lab ID: C06110792-003
Client Sample ID: Diesel Excavation North Wall West End Bottom Redox 2

Report Date: 12/12/06
Collection Date: 11/16/06 10:39
DateReceived: 11/17/06
Matrix: Soil

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Sulfate	94	mg/kg-dry		10		SW6010B	11/21/06 11:29 / trs
PHYSICAL PROPERTIES							
Moisture	3.1	%		0.1		USDA26	11/22/06 08:45 / dj
pH, 1:10	8.45	s.u.		0.01		ASA10-3	11/20/06 12:33 / mb
METALS - TOTAL							
Uranium	17.5	mg/kg-dry	D	0.03		SW6020	11/21/06 13:18 / bws
RADIONUCLIDES - TOTAL							
Thorium 230	5.9	pCi/g-dry		0.1		E907.0	11/30/06 15:00 / df
Thorium 230 precision (±)	1.3	pCi/g-dry				E907.0	11/30/06 15:00 / df
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	ND	mg/kg		10		SW8015M as	11/21/06 00:32 / bah
Oil Range Hydrocarbons (C28-C40+)	ND	mg/kg		10		SW8015M as	11/21/06 00:32 / bah
Total Extractable Hydrocarbons	ND	mg/kg		10		SW8015M as	11/21/06 00:32 / bah
Surr: o-Terphenyl	88.0	%REC			60-130	SW8015M as	11/21/06 00:32 / bah

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.

ENERGY LABORATORIES, INC. * 2393 Salt Creek Highway (82601) * PO Box 3258 * Casper, WY 82602

LABORATORY ANALYTICAL REPORT

Client: Kennecott Uranium Company
Project: Sweetwater Uranium
Lab ID: C06110788-004
Client Sample ID: Diesel Excavtion South Wall at Bottom 3

Report Date: 12/12/06
Collection Date: 11/16/06 11:00
DateReceived: 11/17/06
Matrix: Soil

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Moisture	11.8	%		0.1		USDA26	11/22/06 08:45 / dj
RADIONUCLIDES - GAMMA, FINAL							
Radium 226	20.2	pCi/g-dry		1.0		E901.1	12/04/06 08:50 / db
Radium 226 precision (±)	1.9	pCi/g-dry				E901.1	12/04/06 08:50 / db
RADIONUCLIDES - GAMMA, INITIAL							
Radium 226	16.5	pCi/g-dry		1.0		E901.1	11/20/06 09:30 / db
Radium 226 precision (±)	1.8	pCi/g-dry				E901.1	11/20/06 09:30 / db

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

ENERGY LABORATORIES, INC. * 2393 Salt Creek Highway (82601) * PO Box 3258 * Casper, WY 82602

LABORATORY ANALYTICAL REPORT

Client: Kennecott Uranium Company
Project: Sweetwater Uranium
Lab ID: C06110792-004
Client Sample ID: Diesel Excavation South Wall at Bottom 3

Report Date: 12/12/06
Collection Date: 11/16/06 11:00
DateReceived: 11/17/06
Matrix: Soil

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Sulfate	321	mg/kg-dry		10		SW6010B	11/21/06 11:32 / trs
PHYSICAL PROPERTIES							
Moisture	11.8	%		0.1		USDA26	11/22/06 08:45 / dj
pH, 1:10	8.10	s.u.		0.01		ASA10-3	11/20/06 12:33 / mb
METALS - TOTAL							
Uranium	9.85	mg/kg-dry	D	0.04		SW6020	11/21/06 13:55 / bws
RADIONUCLIDES - TOTAL							
Thorium 230	1.7	pCi/g-dry		0.1		E907.0	11/30/06 15:00 / df
Thorium 230 precision (±)	0.7	pCi/g-dry				E907.0	11/30/06 15:00 / df
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	ND	mg/kg		10		SW8015M as	11/21/06 01:18 / bah
Oil Range Hydrocarbons (C28-C40+)	ND	mg/kg		10		SW8015M as	11/21/06 01:18 / bah
Total Extractable Hydrocarbons	ND	mg/kg		10		SW8015M as	11/21/06 01:18 / bah
Surr: o-Terphenyl	88.0	%REC			60-130	SW8015M as	11/21/06 01:18 / bah

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.

ENERGY LABORATORIES, INC. * 2393 Salt Creek Highway (82601) * PO Box 3258 * Casper, WY 82602

LABORATORY ANALYTICAL REPORT

Client: Kennecott Uranium Company
Project: Sweetwater Uranium
Lab ID: C06110792-001
Client Sample ID: Diesel Excavation South Wall Center/Bottom 4

Report Date: 12/12/06
Collection Date: 11/16/06 10:43
DateReceived: 11/17/06
Matrix: Soil

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Sulfate	81	mg/kg-dry		10		SW6010B	11/21/06 11:22 / trs
PHYSICAL PROPERTIES							
Moisture	7.4	%		0.1		USDA26	11/22/06 08:45 / dj
pH, 1:10	8.56	s.u.		0.01		ASA10-3	11/20/06 12:33 / mb
METALS - TOTAL							
Uranium	16.4	mg/kg-dry	D	0.03		SW6020	11/21/06 13:03 / bws
RADIONUCLIDES - TOTAL							
Thorium 230	0.7	pCi/g-dry		0.1		E907.0	11/30/06 15:00 / df
Thorium 230 precision (±)	0.5	pCi/g-dry				E907.0	11/30/06 15:00 / df
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	ND	mg/kg		10		SW8015M as	11/20/06 23:00 / bah
Oil Range Hydrocarbons (C28-C40+)	ND	mg/kg		10		SW8015M as	11/20/06 23:00 / bah
Total Extractable Hydrocarbons	ND	mg/kg		10		SW8015M as	11/20/06 23:00 / bah
Surr: o-Terphenyl	96.0	%REC			60-130	SW8015M as	11/20/06 23:00 / bah

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.

ENERGY LABORATORIES, INC. * 2393 Salt Creek Highway (82601) * PO Box 3258 * Casper, WY 82602

LABORATORY ANALYTICAL REPORT

Client: Kennecott Uranium Company
Project: Sweetwater Uranium
Lab ID: C06110788-001
Client Sample ID: Diesel Excavation South Wall Center/Bottom 4

Report Date: 12/12/06
Collection Date: 11/16/06 10:43
DateReceived: 11/17/06
Matrix: Soil

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Moisture	7.4	%		0.1		USDA26	11/22/06 08:45 / dj
RADIONUCLIDES - GAMMA, FINAL							
Radium 226	6.0	pCi/g-dry		1.0		E901.1	12/04/06 08:50 / db
Radium 226 precision (±)	1.3	pCi/g-dry				E901.1	12/04/06 08:50 / db
RADIONUCLIDES - GAMMA, INITIAL							
Radium 226	5.0	pCi/g-dry		1.0		E901.1	11/20/06 09:30 / db
Radium 226 precision (±)	1.3	pCi/g-dry				E901.1	11/20/06 09:30 / db

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