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

March 25, 2008

Mr. Keith I. McConnell, Deputy Director
Decommissioning and Uranium Recovery Licensing Directorate
Division of Waste Management and Environmental Protection
Office of Federal and State Materials & Environmental Management Programs
U.S. Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, Maryland 20852-2738

Dear Mr. McConnell:

Subject: **Source Material License: SUA-1350 Docket Number: 40-8584**
Revised 10 CFR 40.65 Report and ALARA Report

Enclosed please find a new CD-ROM disk containing the Semiannual 10 CFR 40.65 Report, Annual ALARA Audit, Annual Corrective Action Program Review and the Annual Land Use Survey for the Sweetwater Uranium Project. This disk is intended to replace the one sent on Tuesday, February 26, 2007, since this new disc contains the revised and corrected copies of the 10 CFR 40.65 Report and the ALARA Audit. Kennecott Uranium Company is submitting these two (2) revised reports to correct errors in the original submittal, as follows:

- 10 CFR 40.65 Report
  - An erroneous fourth quarter thorium-230 concentration due to a laboratory error discovered upon retesting of the sample has been corrected. This change caused a revision to the reported data and to a table in the section on calculation of dose to the nearest resident.
- ALARA Report
  - Missing breathing zone sample data that was reported late by the laboratory.
  - Data entry errors in the breathing zone sample data sheets.
  - Errors in the internal exposure calculations sheet and internal exposure results posted in the report that resulted from data entry errors and missing data later reported by the laboratory.
  - Errors in the constraint limit report due to the erroneous fourth quarter thorium-230 concentration initially provided by the laboratory.
  - A typographical error in the calculated radon dose in the Dose Assessment/Determination of No Requirement for Individual Monitoring or Dose calculation at the Sweetwater Uranium Project.
  - Laboratory errors in the third and fourth quarter sample results for the Drake #1 and PWW-1 Potable water wells and in the fourth quarter sample results for the PWW-2 Potable Water Well sample.

All revised data in the reports is shown in red. Kennecott Uranium Company apologizes for these errors and for any inconvenience they may have caused. Kennecott Uranium Company has discussed the errors in the sample results with the laboratory. If you have any questions please do not hesitate to contact me.

Sincerely yours,

Oscar Paulson
Facility Supervisor

cc: DNMS (without attachments)
Stephen Cohen (2)
John Lucas

RIO TINTO
ENERGY AMERICA

Rio Tinto Energy America
Kennecott Uranium Company
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29 January 2008

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 (2007) 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. Uranium exploration drilling is being conducted approximately four miles due north of the facility by UR-Energy. The area is known as their Lost Creek Project. Extensive uranium related claim staking has been done within a five mile radius of the facility, primarily to the north and west.

As of December 2007, the following items were observed north of the facility at the Lost Creek Project, located as follows:

Item	Latitude	Longitude	Northing	Easting
Well	North 42 degrees, 06.166 minutes	West 107 degrees, 53.443 minutes	166689.42	326028.24
Skid Mounted Tank	North 42 degrees, 07.889 minutes	West 107 degrees, 52.979 minutes	177121.58	328127.47
Weather Station	North 42 degrees, 08.339 minutes	West 107 degrees, 51.840 minutes	179862.17	333249.10
Drilled Area	North 42 degrees, 07.820 minutes	West 107 degrees, 51.294 minutes	176726.68	335740.84
Water Tank and Well	North 42 degrees, 07.777 minutes	West 107 degrees, 50.187 minutes	176430.88	340716.12

These items are shown on the attached map entitled "Sweetwater Uranium Project – Land Use Report Map". Photographs of this activity are below:

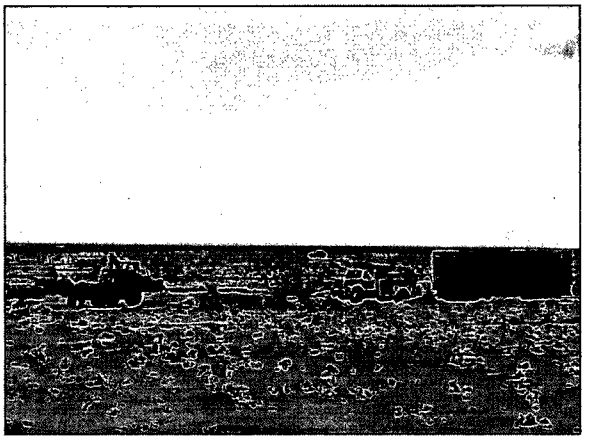


Figure 1 Drilled Area

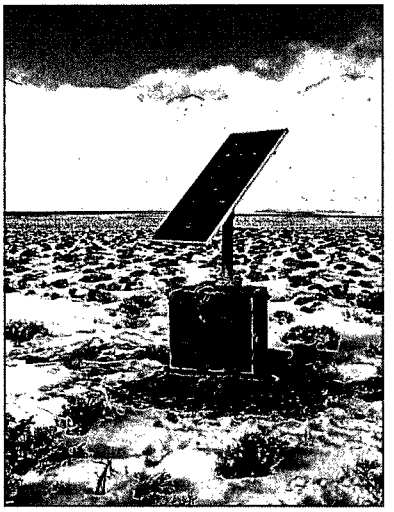


Figure 2 Solar Panel

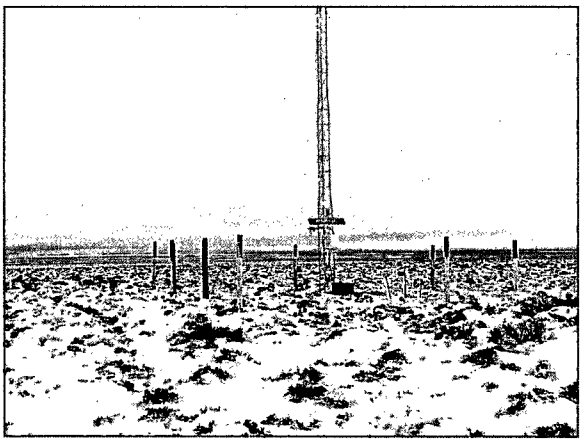


Figure 3 Meteorological Station

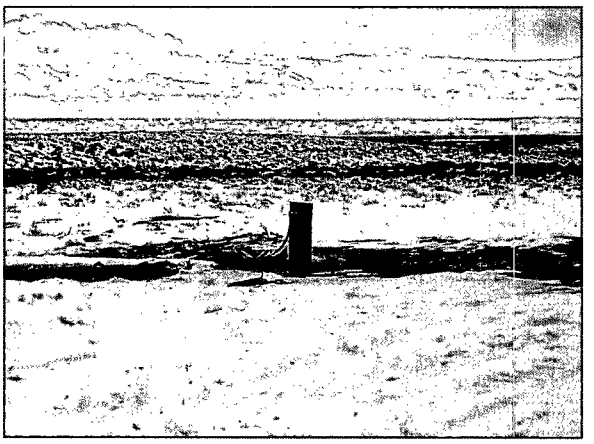


Figure 4 Well

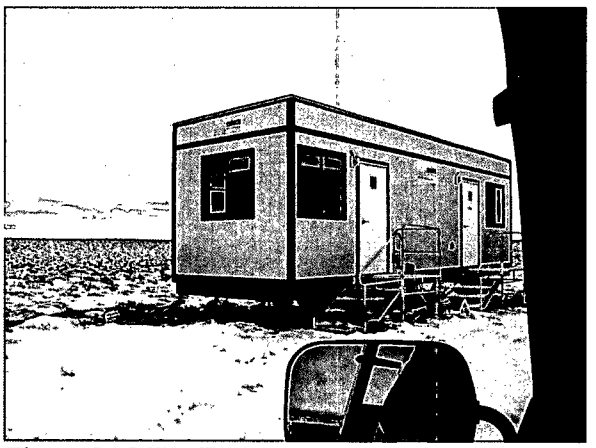


Figure 5 Office Trailer

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 233,268 cubic yard excavation is now complete. This work was 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

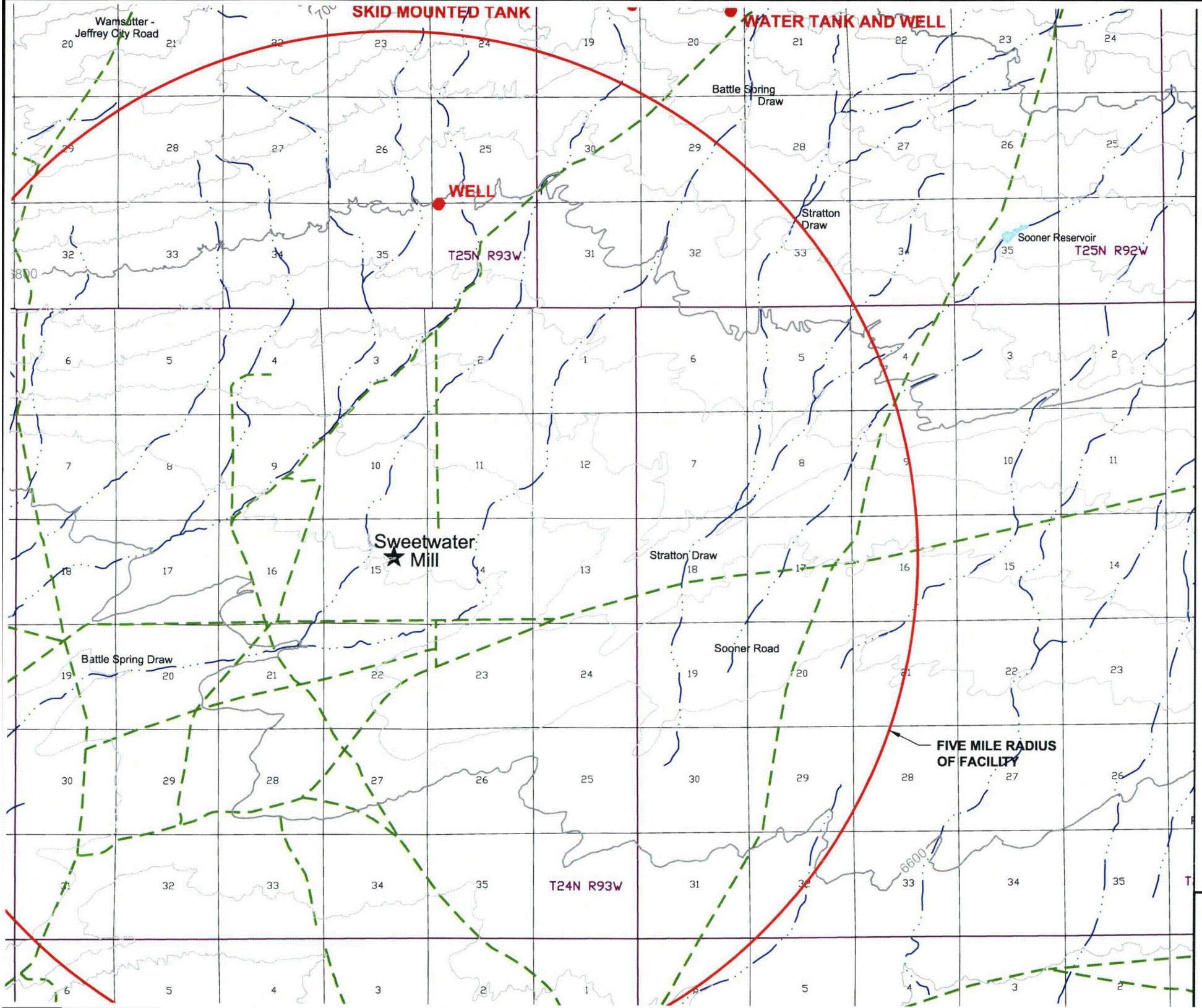
DIESEL CONTAMINATED SOIL EXCAVATION

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 17 milligrams per kilogram in September 2007; however, some samples are still above the 100-milligram per kilogram clean soil standard.

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.


SKID MOUNTED TANK
WATER TANK AND WELL
Wamsutter - Jeffrey City Road
Battle Spring Draw
WELL
Stratton Draw
Sooner Reservoir
T25N R93W
T25N R92W
Sweetwater Mill
Stratton Draw
Sooner Road
Battle Spring Draw
FIVE MILE RADIUS OF FACILITY
T24N R93W
6600
LEGEN

RIO TINTO
ENERGY AMERICA

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

25 February 2008

Mr. Mark Thiesse
GPC West District
Wyoming Department of Environmental Quality
Water Quality Division
250 Lincoln Street
Lander, Wyoming 82520-2848

Dear Mr. Thiesse:

SUBJECT: Wyoming DEQ Permit to Mine #481
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 2007.

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 Moxley, DEQ/LQD (w/o enclosure)
Keith McConnell, Deputy Director, USNRC
Stephen J. Cohen (2), Project Manager, USNRC
Director - NRC DRSS - Region IV (w/o enclosure)
John Lucas – RTEA, Gillette, WY

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25 February 2008

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

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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 2007 through December 2007

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.

The two (2) perched wells, TMW-90 and TMW-105 that were pumped during 2005 in preparation for the excavation of the contaminated soils beneath and around the Catchment Basin were removed at the completion of the excavation, prior to backfilling. These wells were 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 use of these wells to recover 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.

Removal of these wells was discussed in the Response to Request for Additional Information dated October 28, 2004, submitted on December 15, 2004.

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 2007 at the following annualized rates:

WELL #	PUMP HORSEPOWER	ANNUAL AVG. RATE
TMW-7	½ HP	5.3 GPM
TMW-17	1/3 HP	6.3 GPM
TMW-18	¾ HP	9.0 GPM
TMW-57	½ HP	7.4 GPM
TMW-58	¾ HP	1.7 GPM
TMW-59	1/3 HP	5.4 GPM
TMW-75	½ HP	2.3 GPM
TMW-96		7.5 GPM
TMW-97		8.3 GPM
TOTAL		**53.2 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 west of the western side of the cell, centered on these two (2) wells.

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 832 mg/L (10/2/07) and a uranium concentration of 760 pCi/L (9/20/04) to 26 pCi/L (10/2/07). TMW-97 has gone from a TDS concentration of 2210 mg/L (3/7/05) to 644 mg/L (11/7/07) and a uranium concentration of 548 pCi/L (3/7/05) to 29 pCi/L (11/7/07). 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 5.3 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 close, 2610 versus 2570 milligrams per liter, respectively. (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 4/4/07	TMW-63 5/23/07	Reporting Limit (4/4/07)
Ca	622	619	1.0
Mg	46.8	44.8	0.5
Na	99.2	93.5	0.8
K	7.7	7.3	0.5
CO3	<1	<1	1.0
HCO3	570	537	1.0
SO4	1260	1230	2.0
Cl	93	87	1.0
NO3	<0.1	<0.1	0.10
F	<0.1	1.2	0.10
SiO2	24	23	1.0
TDS @ 180□ C.	2570	2610	10
Cond (umho/cm)	3000	3010	1.0
Alk-CaCO3	467	440	1.0
pH (units)	6.92	6.84	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	8.13	2.36	0.05
Pb	<0.01	<0.01	0.01
Mn	1.30	0.70	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	0.003	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	1.0	2.4	0.2
Ra226	3.6 ± 0.6	5.3 ± 0.7	0.2
Ra228	15.9 ± 1.1	13.0 ± 1.1	1.0
Th230	<0.2	<0.2	0.2
Pb210	<1.0	<1.0	1.0
Gross Alpha	5.4 ± 0.9	17.0 ± 1.7	1.0
Q.A. DATA:			
Anion/Cation Bal:	2.19	2.72	

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 7/18/07	TMW-24 8/17/07	TMW-47 8/17/07	Reporting Limit (7/18/07)
Ca	25.0	23.4	21.7	0.5
Mg	1.0	1.1	0.9	0.5
Na	38.7	31.0	33.3	0.5
K	1.5	1.5	1.3	0.5
CO3	<1	<0.1	<1	1.0
HCO3	105	110	108	1.0
SO4	57	36	37	1.0
Cl	2	2	2	1.0
NO3	<0.1	<0.1	<0.1	0.10
F	1.0	0.3	0.3	0.10
SiO2	13	14	14	1.0
TDS @ 180□ C.	218	130	144	10
Cond (umho/cm)	287	220	223	1.0
Alk-CaCO3	86	90	89	1.0
pH (units)	8.09	8.18	8.19	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	0.03	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	0.3	0.3	0.3	0.2
Ra226	<0.2	0.9 ± 0.4	3.8 ± 0.7	0.2
Ra228	<1	<1	<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	1.1 ± 0.6	7.3 ± 1.1	1.0
Q.A. DATA:				
A/C Balance	1.29	0.54	0.544	

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 as well, 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.

Water levels of the monitor wells are not collected when either PWW-1 and/or PWW-2 are in operation, or within one week of pumping.

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. TMWs 1, 2, 3, 4, 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.

In addition wells that are outside of the plume lie between TMWs 2, 3, 4 and 6 and the plume, so these wells are not needed to define the plume. In spite of the fact that TMW 5 is not completed solely in the plume, it is being used to define it since it is the only boundary well to the east of it. TMW-1 is not used to define the plume since it is not completed in the contaminated sands. The plume is dashed in its vicinity.

The April 2007 data was used for TMWs 96 and 97 since those samples were collected after the pumps in those wells were returned to service. The pumps had been shut down since the lines froze.

First half 2007 samples for TMW-8 and 15 were mistakenly not collected in 2007. Steps have been taken to insure that samples are not overlooked in 2008. TMW-8 is a monitor well for sands beneath the sands bearing the plume and data from it does not impact the definition of the plume. TMW-15 has been very stable (TDS varying from 444 to 478 parts per million) meaning that the missing sample did not impact any conclusions drawn from the data in this report.

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 (4/3/07) is 255 pCi/L (0.377 ppm). TMW-73, the westernmost well, currently exhibits a concentration (4/3/07) of 5140 pCi/l (7.60 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 Contaminated Soil 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 uranium concentrations (255 pCi/L – TMW 72 and 5140 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.

In 2007 the following was done:

- Six (6) monitor wells (three shallow – depth 115 feet and three deep – depth 145 feet, were completed in a north-south line west of the Mill and Solvent Extraction (SX) Buildings.
    - The odd numbered wells TMW-103, 107 and 109, are shallow.
    - The even numbered wells TMW-106, 108 and 110 are deep.
    - These wells are shown on the map entitled "Well Locations". These are the wells shown in the map entitled Proposed Well Locations in the 2006 CAP Review.
    - These wells were sampled quarterly following completion. The results are included in this report.
- In August 2007 a seventh well TMW-10 was completed in the upper portion of the Battle Spring Formation in the bottom of the diesel contaminates oil excavation. This well was completed by excavation with a trackhoe and installation of fire-inch diameter PVC casing surrounded by a gravel pack in the dug hole. This well was completed in this manner so that:
    - A well could be completed very near to TMW-72 and 73 and upgradient of them.
    - The well excavation could be examined and carefully sampled for any evidence of mineralization.
    - The results of the examination of the well excavation are included.
    - Sampling results for this well are included in this report.

The following table details the key sampling results of the newly completed wells as well as TMWs 72 and 73:

Well	Depth	Natural Uranium (pCi/L)	Combined Radium-226/228 (pCi/L)
TMW-10	Shallow	1680	26.1
TMW-72	Shallow	255	5.9
TMW-73	Shallow	5140	24
TMW-103	Shallow	8.8	16.4
TMW-106	Deep	9.3	17.4
TMW-107	Shallow	10.4	3.8
TMW-108	Deep	1340	13.2
TMW-109	Shallow	1640	16
TMW-110	Deep	9.2	4.2

Shallow – Completed in upper saturated fifteen (15) feet of the aquifer.
Deep – Completed in the upper saturated 45 to 50 feet of the aquifer.
Uses most recent samples.

Kennecott Uranium Company is evaluating these results and is considering preparation of a detailed groundwater model for the site to attempt to determine the source of the elevated uranium and combined radium 226/228 values for TMWs 10, 103, 106, 108, 109, 72 and 73. In the interim Kennecott Uranium Company has evaluated the following potential sources for the elevated uranium and combined radium 226/228 results and provides the following discussion of potential sources:

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 5140 pCi/L in TMW 73 on 4/3/07. 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 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.

The concentrations of uranium present in TMWs 108 and 109 are probably related to the Catchment Basin, given the wells' proximity to TMWs 96 and 97, and to the now removed Catchment Basin.

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 (963 pCi/L – June 6, 2007). 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.

Ore Pad

Downward migration of uranium from the Ore Pad, now clean, but containing stockpiles of uranium ore during operation, was considered. The low uranium concentrations in TMW-103 and 106 (8.8 and 9.3 picoCuries per liter) when compared to the concentration in TMW-73, make this highly unlikely. TMW-103 and 106 are completed by the Ore Pad's southwest corner and if the uranium were coming from it during operations it should show the highest concentrations.

Localized Naturally Occurring Uranium and Radium 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.

Naturally occurring high concentrations of uranium are known to exist in the area within forty (40) feet of the surface and rainwater and snow melt could leach uranium from these occurrences down into the Battle Spring Aquifer. The following is sample data for some uraniferous sands found in the northeast corner (Kminus3 area) of the Catchment Basin excavation:

Location	Sample Type	Northing	Easting	Diesel Range	Oil Range	Total Extractable	Natural Uranium (milligrams per kilogram)	Natural Uranium (picocuries per gram)	Thorium 230 (picocuries per gram)	Th230 Uncertainty	Radon Result	Radon Uncertainty
K Minus 3 NORM area	Black material	148982.97	324146.97	226	804	1000	2550	1726.35	393.0	17.0	396	9
K Minus 3 NORM area	Sand	148982.97	324146.97	211	650	834	2350	1590.95	708.0	29.0	326	6.4

This uranium, radium-226 and thorium-230 is clearly naturally occurring as per the attached report entitled "Petrographic Evaluation of Sample #CO7051289-001A".

When TMW-10 was completed in the bottom of the Diesel Contaminated Soil Excavation it was completed by digging a hole into the aquifer with a trackhoe. This allowed the wall of the excavation to be carefully examined and sampled. The south wall of the excavation was photographed with a stadia rod in the image and one-half foot composite samples were collected and tested for uranium and radium-226. The results are included on the spreadsheet that follows. In addition, bulk samples above, at and below the water table were collected and analyzed. The results are included on the second spreadsheet.

This data shows very high naturally occurring radium-226 concentrations comprising what would be considered a relict or "phantom" uranium deposit. Specifically, one in which the soluble uranium had been leached and mobilized by downward percolating groundwater leaving the radium-226 and its gamma emitting decay products behind. Phenomena such as the previously described naturally occurring uranium in organic matter and this naturally occurring radium-226 would provide an explanation for elevated uranium and radium concentrations in TMWs 72, 73, 10 and other wells.

Groundwater data for the seven (7) new wells (TMWs 10, 103, 106, 107, 108, 109 and 110) as well as TMW 72 and 73 were provided to Stephen Cohen at his request in three emails dated September 30, November 8 and November 20, 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 2007 for the tailings and Catchment Basin monitor wells. The highest uranium concentration for 2007 for each well was used to prepare this map, with the exception of TMWs 96 and 97, for which the April 2007 results were used since the samples were collected after pumping was restored, resulting in a more representative sample of groundwater. The area encompassed by the 36.0 pCi/L uranium contour on the 2007 map is 39.2 acres. This is almost identical to the 39.6 acres estimated for the end of 2006. 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 2007. The plume as drawn encompasses a total area of 150.05 acres on the 2007 map. This is similar to the 148.6 acres estimated for the end of 2006. 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 2007. The area encompassed by the 500 parts per million contour is 178.9 acres on the 2007 map. This is close to the estimated 170.2 acre area calculated for 2006.

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, 2007 a total of 23,596,880 gallons of Battle Spring Aquifer water had been pumped back into the tails cell since the beginning of the year. This represents a 3.1% decrease from the 2006 volume. This decrease in volume is largely due to freezing of wells due to extreme cold in January 2007.

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 2008 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, 2540 ppm and 1250 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 2007; however, a chlorination program, instituted in 1996, has helped control the bacteria. 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. TMW-58 has experienced the greatest reduction in flow over time and will probably be pulled in Spring 2008 for cleaning.

The following groundwater contour maps are included with this report:

- *March 2007 Piezometric Contour Map* shows the groundwater contours around the tailings impoundment and Catchment Basin in March of 2007.
- *September 2007 Piezometric Contour Map* shows the groundwater contours around the tailings impoundment and Catchment Basin in September of 2007.

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.

No water levels were collected within one (1) week of operation of PWW-1 and/or PWW-2 so that the operation of these wells would not interfere with the depiction of the potentiometric surface created by the operation of the pumpback wells.

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 2007.

TMWs 90 and 105 were removed during the course of the excavation of the contaminated soils around the Catchment Basin in 2006. They were no longer present in 2007.

TAILINGS CELL WATER EVAPORATION SYSTEM

The tails cell delta spray and evaporation systems were returned to service by March 13, 2007. The systems were shut down for winter on December 22, 2007. 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 2007. These lagoons serve to hasten evaporation from the cell and reduce dusting. . The lagoons, as they were in August 2007, 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 20075. Additional lagoon area was maintained to provide replacement evaporation.

TAILINGS IMPOUNDMENT FLUID LEVEL

The fluid level on September 24, 2007 was 6608.7 feet above MSL. This is unchanged from the level of 6608.7 feet above MSL on September 19, 2006. This elevation is taken in the deepest pool in the impoundment's southeast corner. This fluid level was subject to rapid fluctuation during 2007 due to the addition of additional 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 511,830 square feet (2007 Method 115 Report). The saturated area has increased from the 2006 area (510,958.5 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 13 to 14, 2007.

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.

Substantial repairs have been made to the tailings impoundment liner along the interior of the northern and eastern embankments dueing 2007. These repairs were inspected during the Nuclear Regulatory Commission inspection on July 10 and 11, 2007. In addition substantial regrading of the tailings and material excavated from the Catchment Basin area was performed in 2007 resulting in a more organized and manageable impoundment.

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 6538.39 feet above MSL on October 15, 2007, a rise of 0.11 feet from a level of 6538.28 feet above MSL on November 20, 2006. Please see attached chart entitled *Sweetwater Pit Water Levels.* Kennecott Uranium Company believes that water levels in the pit have reached "steady state". This 0.11 foot rise in pit lake surface elevation observed during 2007 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 2007. The piezometric contour maps show the potentiometric surface of the Battle Springs Aquifer around the tailings impoundment and Catchment Basin in March and September 2007. The cone of depression created by the pumpback wells encompasses the existing plume. The groundwater contour maps for March and September 2007 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.

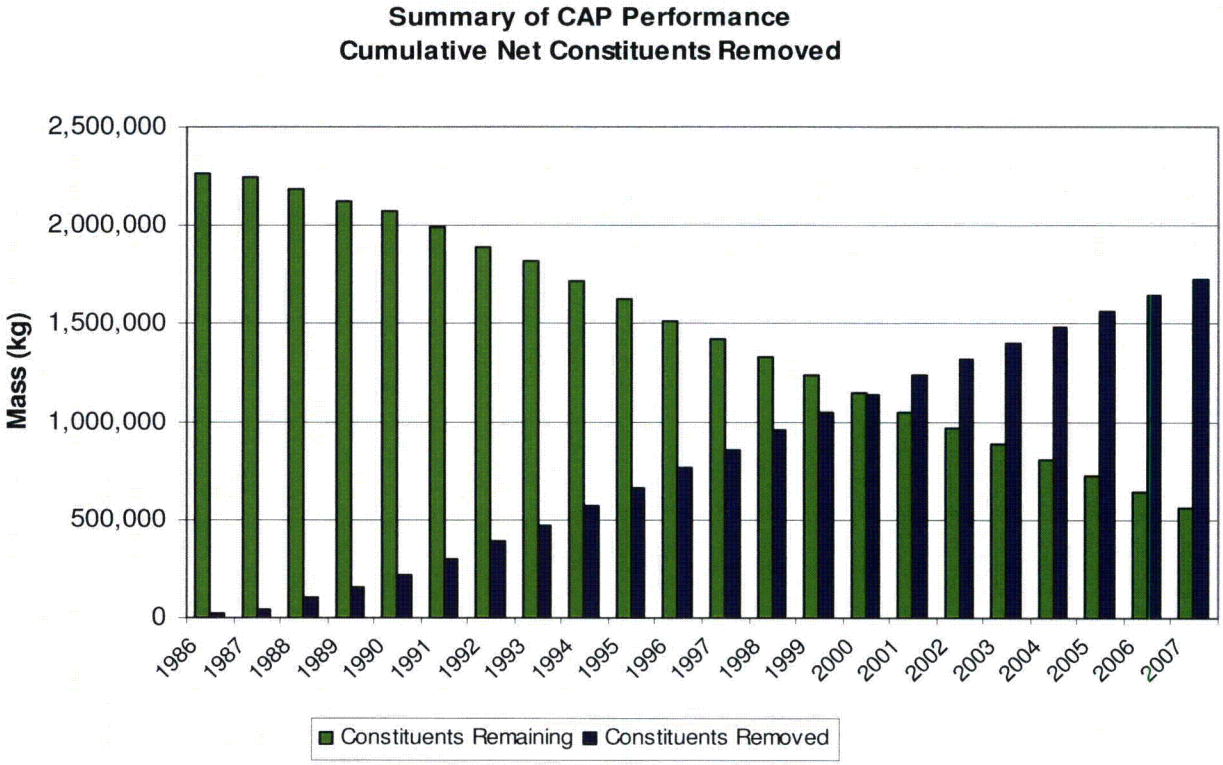
PROGRESS TOWARD ATTAINING GROUNDWATER PROTECTION STANDARDS

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 (2570 ppm – April 4, 2007), 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 2007 data and is shown below. The mass of salts recovered for 2007 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 150.05 acres, as drawn. The 500 ppm TDS contour shown defines an area of approximately 178.9 acres. The 36 pCi/L Uranium plume covers an area of 39.2 acres. These areas are from the 2007 maps.

VERTICAL EXTENT OF CONTAMINATION

TMW-8, 24 and 47 (see page 5) were each completed in 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.

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, 56, 70, 89 and 102 is improving. An increasing trend in TDS values is observed in TMWs 1, 36, 61, 75, 78, 84, 92, 95, 98, 100, 104 and 112. TMW-4 has shown anomalous total dissolved solids (TDS) concentrations, manganese, iron and nickel values in the 2007 samples, as well as a depressed pH. In the most recent sample (July 17, 2007) the TDS was 568 mg/l but the February 11, 2007 sample was 244 mg/L, well below the 500 mg/l threshold. 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 declined to below the Groundwater Protection Standard (GPS). The July 22, 2007 concentration was 484 milligrams per liter. 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.

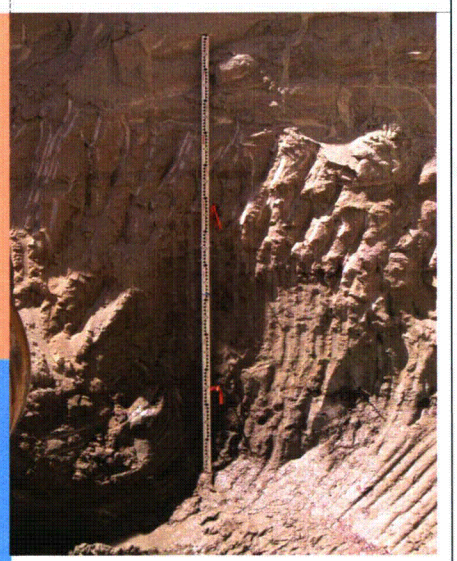
TMW 4 still exhibits nickel values that exceed the Groundwater Protection Standard (GPS) as seen in the July 17, 2007 sample. TMWs 99 and 112 exhibited nickel values that exceed the GPS in 2007. TMWs 99 and 112 are in the immediate vicinity of the Catchment Basin. The groundwater plume is primarily a 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 two (2) wells (TMWs 99 and 112) currently exhibiting anomalous nickel values. Several of the Catchment Basin wells showed traces of organic contamination in 2007. The following wells yielded results for the following organics: TMW-91 (Diesel Range Organics); TMW-99 (1,1,dichloroethane); TMW-102 (1,1,1 trichloroethane); TMW-113 (Gasoline Range Organics) and TMW-115 (Diesel Range Organics).

Kennecott Uranium Company
Sweetwater Uranium Project
Diesel Contaminated Soil Excavation
South Pit Wall Uranium Study

Depth Above Hole Bottom (feet)	Elevation (Feet above mean sea level)	Gamma Exposure (micro/R/hour)	Density (grams per cubic centimeter)	Moisture (Percent)	Chemical Uranium Concentration (milligrams per kilogram)	Chemical Uranium Concentration (Percent)	Chemical U3O8 Concentration (milligrams per kilogram)	Chemical U3O8 Concentration (Percent)	Radium-226 (picocuries per gram)	Gamma Equivalent Uranium Concentration (milligrams per kilogram)	Gamma Equivalent Uranium Concentration (Percent)	Notes	Sample Sequence Image
7.50	6556.2											Nail Set - Five (5) feet Above Water table	
7.00		156										Dry	
6.75			2.48	10.8	51.7	0.005	61.0	0.006	65	196	0.020	Dry	
6.50		222										Dry	
6.25			2.73	10.6	14	0.001	16.5	0.002	113	340	0.034	Dry	
6.00		351										Dry	
5.75			2.35	12.3	13.1	0.001	15.4	0.002	209	631	0.063	Dry	
5.50		422										Dry	
5.25			2.54	12.6	33.3	0.003	39.2	0.004	301	909	0.091	Dry	
5.00		464										Dry	
4.75			2.62	11.8	14.8	0.001	17.5	0.002	254	766	0.077	Dry	
4.50		524										Dry	
4.25			2.59	14.3	16.1	0.002	19.0	0.002	206	623	0.062	Dry	
4.00		548										Dry	
3.75			2.68	14.8	18.8	0.002	22.2	0.002	332	1000	0.100	Dry	
3.50		634										Dry	
3.25			2.44	16.3	26.3	0.003	31.0	0.003	224	676	0.068	Dry	
3.00		593										Dry	
2.75			2.69	18.5	39.7	0.004	46.9	0.005	379	1150	0.115	Dry	
2.50	6552.4	691										Top of Water Table - Nail Set	
2.25			2.66	17.1	33	0.003	38.9	0.004	265	799	0.080	Wet	
2.00		751										Wet	
1.75			2.76	18.8	18.3	0.002	21.6	0.002	306	923	0.092	Wet	
1.50		655										Wet	
1.25			2.29	20.3	23.7	0.002	28.0	0.003	309	933	0.093	Wet	
1.00		448										Wet	
0.75			2.43	21.6	26.6	0.003	31.3	0.003	44.1	133	0.013	Wet	
0.50		351										Wet	
0.25			2.53	26.7	22	0.002	25.9	0.003	58.7	177	0.018	Wet	
0.00		340										Wet	



Coordinates:													
	Northing	Easting			Elevation								
Nail at 7.5 Feet	149142.0	323018.63			6556.2								
Nail at Water Table	149144.1	323019.84			6552.41								

Kennecott Uranium Company										
Sweetwater Uranium Project										
Diesel Contaminated Soil Excavation										
South Pit Wall Uranium Study										
Bulk Sample Identification	Chemical Uranium Concentration as U (miligrams per kilogram)	Chemical Uranium Concentration as U (Percent)	Chemical Uranium Concentration as U3O8 (miligrams per kilogram)	Chemical Uranium Concentration as U3O8 (Percent)	Radium-226 (picocuries per gram)	Gamma Equivalent Uranium Concentration as U (miligrams per kilogram)	Gamma Equivalent Uranium Concentration as U (Percent)	Gamma Equivalent Uranium Concentration as U3O8 (miligrams per kilogram)	Gamma Equivalent Uranium Concentration as U3O8 (Percent)	Equilibrium ratio Chemical uranium divided by gamma equivalent uranium
Above Water Table - Barrel #1	23.9	0.002	28.2	0.003	225	679	0.068	800	0.080	0.04
Above Water Table - Barrel #2	35.2	0.004	41.4	0.004	277	838	0.084	988	0.099	0.04
At Water Table	24.7	0.002	29.1	0.003	226	681	0.068	803	0.080	0.04
Below Water Table	20	0.002	23.6	0.002	77.4	234	0.023	276	0.028	0.09
bulk_sampling_bottom.xls										
Oap:9/30/2007										

Gareth D. Mitchell
Consulting Geologist
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State College, PA 16803
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Bus.: (814) 865-6543; Fax: (814) 865-3573
Email: n8h@psu.edu

June 13, 2007

Mr. Steve Dobos
Energy Laboratories, Inc.
2393 Salt Creek Hwy.
Casper, WY 82602

RE: **Petrographic Evaluation of Sample #C07051289-001A from P.O. # 1845**

Dear Mr. Dobos,

Work requested in your purchase order of 5-29-07 for sample #C07051289-001A to perform carbon identification using reflected-light optical microscopy has been completed and the final report is attached.

If there are any questions or concerns, please call or e-mail me directly.

Thank you.

Sincerely,

Gareth Mitchell

Enclosure: Report

Final Report

To: Mr. Steve Dobos
From: Gareth D. Mitchell
Date: June 13, 2007
Subject: **Petrographic Evaluation of Sample #C07051289-001A from P.O. # 1845**

Request

A sample identified as **#C07051289-001A** was received 6-7-07 for petrographic evaluation. The sample had been shipped in a cooler containing bags of ice and was still cold when received. Consequently, the specimen was placed under refrigeration until sample preparation was initiated. As established from our email conversation of 5-24-07, optical microscopy was to be employed to determine the nature of the organic matter found in the sample and specifically to determine if "any naturally-occurring organic matter" (such as lignin, kerogen, bitumen, etc. that might have precipitated uranium at this location) was present.

Procedures

The sample was found to be composed of three fairly large angular particles (~10 g) and a coarse powder (~11 g). These components were separated and allowed to come to room temperature before they were inspected. The largest particle was soft, organic matter which had prominent bedding and considerable surface moisture, whereas the particulate matter ranged in particle size (0.5 – 3.0 mm), appeared to be a mixture of light and dark colored materials and was agglomerated with surface moisture. To prepare an optical mount suitable for reflected-light microscopy, the moisture content had to be reduced. The large particle was placed in a drying pan and a one-quarter split of the particulate sample retrieved by riffling was placed in second pan. Both samples were placed in a vacuum oven between 30-50°C for about 18 hrs with the result that the large particle had become swollen, desiccated and broken into smaller segments, while the particulate sample was composed of individual loose particles.

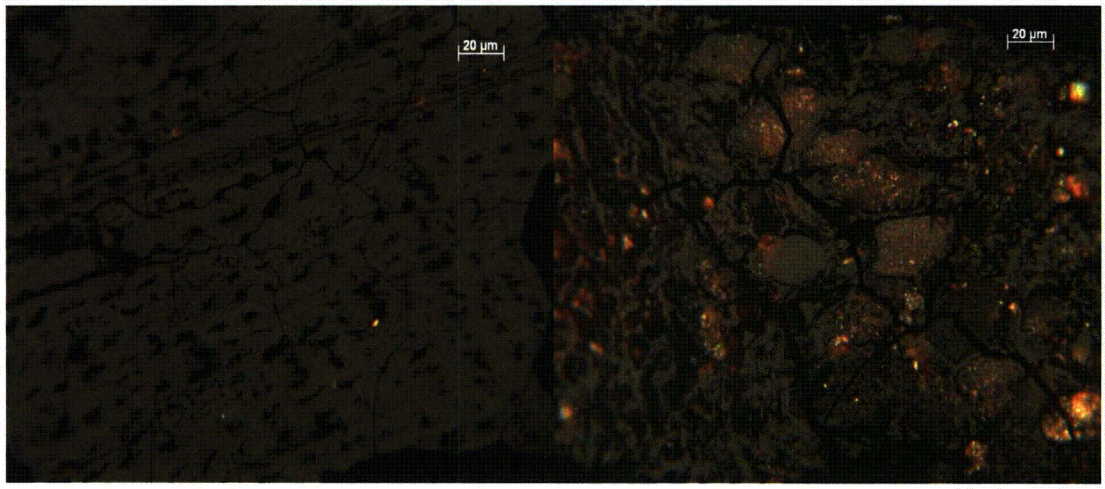
Remnants of the large particle were glued fast to the bottom of a 28 mm sample mold and embedded under vacuum with a cold-setting epoxy (EL01). The particulate sample (EL02) was vacuum impregnated in epoxy resin and placed in a centrifuge to establish a density/particle-size gradient. After hardening, the sample was cut longitudinally to expose the particle gradation and mounted 25 mm sample mold with additional epoxy. Both specimen surfaces were ground using 400 and 600 grit papers and polished using 0.3 and 0.05 micron alumina slurries on a high-nap cloth and silk, respectively. The sample was examined first in air using blue-light (436 nm) irradiation inspecting the 520 nm emission surface at 500X magnification and then using white light employing an oil immersion objective at 625X magnification using Zeiss research microscopes. In addition, a few reflectance readings were taken from the main organic

component identified in EL01. A Leitz MPV2 reflectance photometer system at 625 X magnification in oil immersion and polarized white-light was used to collect maximum reflectance values from 11 different areas and the mean value is provided below. Mean reflectance values are an acceptable procedure for determination of organic maturity.

Results

The organic matter observed in both specimens (EL01 and EL02) separated from sample #C07051289-001A is basically humified woody tissue of very low maturity (mean maximum reflectance in oil of 0.18 % ±0.01) that contains fluorescent and presumably resinous material within open cell lumens and along some open fractures. A few fluorescent bodies appearing to be amorphous organic matter were the only other organic matter observed in either sample.

As seen in the photomicrographs below, the regular alignment of cell wall and filled or open lumens taken from EL01 are compared with a fragment of humified and gelified woody tissue found in specimen EL02. The large particle separated as EL01 was composed entirely



EL01 **EL02**

of woody tissue that had gone through the biochemical stage of coalifiaction in which the cell walls were gelified and converted to humic matter. The tissue observed in the EL01 photograph exhibits little detail within the remnant cell walls and most of the lumens were filled with amorphous humic material or a fluorescing resin (dark areas), suggesting that the tissue has gone beyond the peat stage. However, the very low mean reflectance suggests that it may not have reached the rank of lignite in terms of coal maturity.

The photograph of the dominant organic matter in specimen EL02 shows many rounded bodies which in brown coal terminology are referred to as gelinite. As the name implies the

humic matter from which they were derived were once gelatinous and have since formed into these amorphous bodies surrounded by the remnants of cell walls. In addition to organic matter, specimen EL02 contained mostly angular fragments of minerals and rocks composed of quartz, other silicates and carbonate. Furthermore, some of the organic material had been infilled and was in the early stage of being replaced by silica.

These observations demonstrate that the organic matter contained in sample #C07051289-001A were derived from terrestrial plants with secondary woody tissues that have gone through at least the initial stage of coalification. Depending upon stratigraphy and sample location in the field, the type and condition of organic matter and mineralization observed suggests that it is naturally occurring.

KENNECOTT URANIUM COMPANY
Sweetwater Pit Water Levels
Recovery of water level after suspension of dewatering activities 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 activities 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	6538.6	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	6539.7	114.70
07/28/97	5208	6539.3	114.30
09/01/97	5243	6539.2	114.20
09/22/97	5264	6539.16	114.16
10/15/97	5287	6539.01	114.01
11/25/97	5328	6539	114.00
12/03/97	5336	6538.99	113.99
05/04/98	5488	6540.25	115.25
05/18/98	5502	6540.4	115.40
06/11/98	5526	6540.38	115.38
07/01/98	5546	6540.4	115.40
07/29/98	5574	6540.26	115.26
08/20/98	5596	6540.1	115.10
09/29/98	5636	6539.92	114.92
10/06/98	5643	6539.84	114.84
11/05/98	5673	6539.8	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	6540.4	115.40
04/28/99	5847	6540.56	115.56
05/22/99	5871	6540.7	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	6539.8	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	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

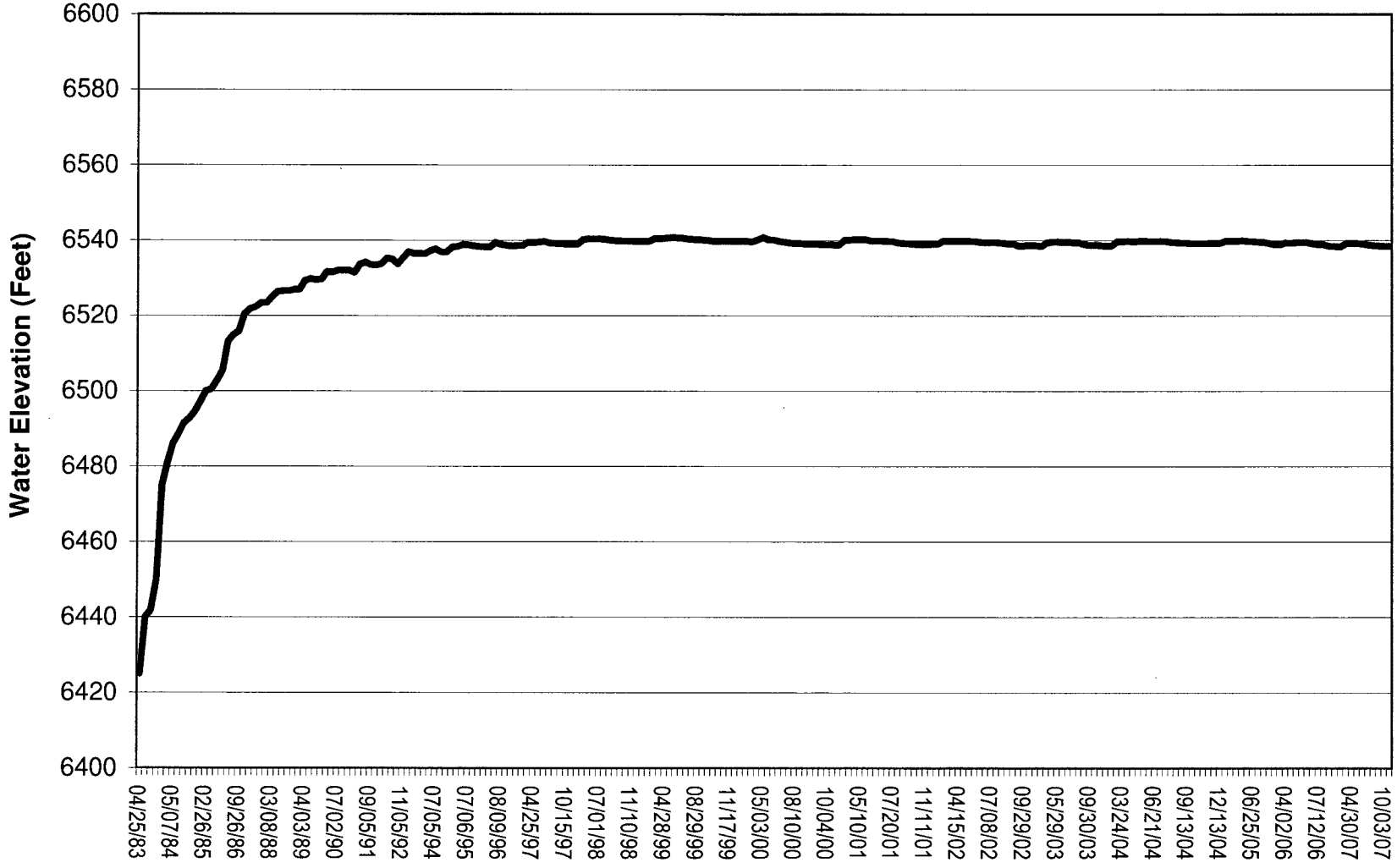
KENNECOTT URANIUM COMPANY
Sweetwater Pit Water Levels
Recovery of water level after suspension of dewatering activities in May, 1983

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	6540.3	115.30
05/10/01	6590	6540.22	115.22
05/16/01	6596	6540.2	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	6538.9	113.9
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	6539.4	114.4
07/09/02	7015	6539.4	114.4
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	6539.8	114.8
05/20/04	7696	6539.84	114.84
06/15/04	7722	6539.7	114.7
06/21/04	7728	6539.73	114.73
07/04/04	7741	6539.76	114.76
07/07/04	7744	6539.7	114.7

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

DATE	ELAPSED TIME DAYS	WATER ELEVATION	WATER LEVEL CHANGE
07/26/04	7763	6539.52	114.52
08/10/04	7778	6539.4	114.4
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	6539.2	114.2
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	6539.7	114.7
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	6538.9	113.9
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	6539.4	114.4
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	6538.5	113.5
09/13/06	8542	6538.4	113.4
10/08/06	8567	6538.26	113.26
03/26/07	8736	6539.18	114.18
04/30/07	8771	6539.26	114.26
05/31/07	8802	6539.2	114.2
06/26/07	8828	6539.06	114.06
07/25/07	8857	6538.85	113.85
08/30/07	8893	6538.66	113.66
09/11/07	8905	6538.59	113.59
10/03/07	8927	6538.45	113.45
10/15/07	8939	6538.39	113.39

KENNECOTT URANIUM COMPANY
Sweetwater Pit Water Levels
April 25, 1983 through October 15, 2007



KENNECOTT URANIUM COMPANY
Groundwater Elevations

Well No.	Northing	Easting	*Revised Measuring Point Elev.	2007 Jan-07	Feb-07	= Resurveyed Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07
TMW-1				105.11	104.88	105.64	105.39	105.77	105.33	105.37	105.44	105.29	105.32	105.50	105.66
TMW-1	150,107.66	324,536.42	6648.22	6,544.50	6,544.73	6,543.97	6,544.22	6,543.84	6,544.28	6,544.24	6,544.17	6,544.32	6,544.29	6,544.11	6,543.95
TMW-2				84.87	84.52	84.64	84.91	85.08	88.25	84.80	84.88	84.75	84.78	84.86	88.88
TMW-2	147,133.96	324,360.13	6627.09	6,542.22	6,542.57	6,542.45	6,542.18	6,542.01	6,538.84	6,542.29	6,542.21	6,542.34	6,542.31	6,542.23	6,538.21
TMW-3				84.31	84.08	84.09	84.21	84.45	84.25	84.19	84.31	84.22	84.21	84.32	84.32
TMW-3	145,984.03	324,361.03	6626.27	6,541.96	6,542.19	6,542.18	6,542.06	6,541.82	6,542.02	6,542.08	6,541.96	6,542.05	6,542.06	6,541.95	6,541.95
TMW-4				85.39	85.06	85.19	85.14	85.35	85.25	85.31	85.39	85.40	85.37	85.33	85.49
TMW-4	147,141.81	323,176.55	6626.89	6,541.50	6,541.83	6,541.70	6,541.75	6,541.54	6,541.64	6,541.58	6,541.50	6,541.49	6,541.52	6,541.56	6,541.40
TMW-5				111.33	110.84	111.07	111.02	111.19	111.18	111.15	95.18	111.15	111.17	111.22	111.21
TMW-5	149,053.50	328,102.80	6658.59	6,547.26	6,547.75	6,547.52	6,547.57	6,547.40	6,547.41	6,547.44	6,563.41	6,547.44	6,547.42	6,547.37	6,547.38
TMW-6				97.19	95.85	96.95	96.98	97.13	97.06	97.02	97.05	97.05	97.11	97.07	97.18
TMW-6	145,356.25	327,464.50	6641.66	6,544.47	6,545.81	6,544.71	6,544.68	6,544.53	6,544.60	6,544.64	6,544.61	6,544.61	6,544.55	6,544.59	6,544.48
TMW-7				114.65	116.09	116.71	116.76	116.91	116.94	117.11	116.61	116.88	121.79	119.78	119.25
TMW-7	149,339.65	325,014.01	6654.40	6,540.04	6,538.60	6,537.98	6,537.93	6,537.78	6,537.75	6,537.58	6,538.08	6,537.81	6,532.90	6,534.91	6,535.44
TMW-8				102.86	102.45	103.49	102.97	103.56	102.93	102.92	102.99	103.05	102.90	102.95	103.15
TMW-8	148,912.15	324,561.80	6646.47	6,543.61	6,544.02	6,542.98	6,543.50	6,542.91	6,543.54	6,543.55	6,543.48	6,543.42	6,543.57	6,543.52	6,543.32
TMW-10												12.65	13.36	13.18	13.26
TMW-10	149,145.59	323,037.81	6556.92									6,544.27	6,543.56	6,543.74	6,543.66
TMW-15				100.68	100.19	100.46	100.58	100.78	100.82	100.99	100.88	100.90	100.93	100.95	101.03
TMW-15	147,910.39	325,006.29	6643.26	6,542.58	6,543.07	6,542.80	6,542.68	6,542.48	6,542.44	6,542.27	6,542.38	6,542.36	6,542.33	6,542.31	6,542.23
TMW-16				111.88	111.94	112.45	112.46	112.62	112.62	112.72	112.65	112.85	112.98	112.81	113.02
TMW-16	149,397.99	325,023.08	6655.62	6,543.74	6,543.68	6,543.17	6,543.16	6,543.00	6,543.00	6,542.90	6,542.97	6,542.77	6,542.64	6,542.81	6,542.60
TMW-17				115.91	115.09	115.52	118.85	119.48	119.06	118.59	118.39	117.48	122.92	122.99	123.32
TMW-17	149,602.14	325,994.00	6660.87	6,544.96	6,545.78	6,545.35	6,542.02	6,541.39	6,541.81	6,542.28	6,542.48	6,543.39	6,537.95	6,537.88	6,537.55
TMW-18				126.08	125.92	126.41	126.32	126.31	126.53	126.31	126.55	126.64	126.52	126.51	126.61
TMW-18	148,922.42	325,018.57	6655.98	6,529.90	6,530.06	6,529.57	6,529.66	6,529.67	6,529.45	6,529.67	6,529.43	6,529.34	6,529.46	6,529.47	6,529.37
TMW-24				114.77	114.51	114.55	114.59	115.02	114.75	114.76	114.69	114.71	114.77	114.94	114.80
TMW-24	150,307.90	325,992.24	6661.21	6,546.44	6,546.70	6,546.66	6,546.62	6,546.19	6,546.46	6,546.45	6,546.52	6,546.50	6,546.44	6,546.27	6,546.41
TMW-29				110.24	109.88	109.78	109.81	110.23	110.11	110.09	110.12	110.03	110.23	110.30	110.34
TMW-29	150,108.27	326,786.49	6656.64	6,546.40	6,546.76	6,546.86	6,546.83	6,546.41	6,546.53	6,546.55	6,546.52	6,546.61	6,546.41	6,546.34	6,546.30
TMW-31				114.54	114.18	114.14	114.05	114.45	114.32	114.31	114.35	114.28	114.41	114.48	114.56
TMW-31	149,901.61	327,194.15	6661.09	6,546.55	6,546.91	6,546.95	6,547.04	6,546.64	6,546.77	6,546.78	6,546.74	6,546.81	6,546.68	6,546.61	6,546.53
TMW-35				111.52	111.06	111.05	111.06	111.41	111.30	111.32	113.34	111.28	111.41	111.49	111.54
TMW-35	149,509.35	327,198.92	6657.75	6,546.23	6,546.69	6,546.70	6,546.69	6,546.34	6,546.45	6,546.43	6,544.41	6,546.47	6,546.34	6,546.26	6,546.21
TMW-36				112.10	111.59	111.60	111.65	112.04	111.91	111.93	111.99	111.88	112.04	112.08	112.21
TMW-36	149,108.62	327,007.02	6657.75	6,545.65	6,546.16	6,546.15	6,546.10	6,545.71	6,545.84	6,545.82	6,545.76	6,545.87	6,545.71	6,545.67	6,545.54
TMW-37				105.29	104.75	104.72	104.79	105.05	105.05	105.03	105.09	104.99	105.11	105.12	105.21
TMW-37	148,455.68	326,999.77	6650.73	6,545.44	6,545.98	6,546.01	6,545.94	6,545.68	6,545.68	6,545.70	6,545.64	6,545.74	6,545.62	6,545.61	6,545.52
TMW-44				94.22	93.92	93.89	93.88	94.14	94.15	94.11	94.26	94.16	94.27	94.26	94.33
TMW-44	147,612.17	325,588.96	6637.52	6,543.30	6,543.60	6,543.63	6,543.64	6,543.38	6,543.37	6,543.41	6,543.26	6,543.36	6,543.25	6,543.26	6,543.19
TMW-45				96.76	96.63	96.59	96.61	96.84	96.86	96.75	96.92	96.82	96.94	96.92	96.99
TMW-45	147,619.66	326,196.14	6641.00	6,544.24	6,544.37	6,544.41	6,544.39	6,544.16	6,544.14	6,544.25	6,544.08	6,544.18	6,544.06	6,544.08	6,544.01
TMW-47				95.37	95.14	95.26	95.26	95.35	95.39	95.31	95.35	95.35	95.32	95.45	95.36
TMW-47	147,310.10	326,491.24	6640.35	6,544.98	6,545.21	6,545.09	6,545.09	6,545.00	6,544.96	6,545.04	6,545.00	6,545.00	6,545.03	6,544.90	6,544.99
TMW-48				95.14	95.04	94.96	95.02	95.18	95.20	95.14	95.14	95.17	95.28	95.24	95.27
TMW-48	147,312.58	326,482.99	6639.72	6,544.58	6,544.68	6,544.76	6,544.70	6,544.54	6,544.52	6,544.58	6,544.58	6,544.55	6,544.44	6,544.48	6,544.45
TMW-49				97.68	97.09	97.38	97.52	97.72	97.76	97.76	97.76	97.79	97.86	97.86	97.95
TMW-49	147,708.93	324,836.10	6640.19	6,542.51	6,543.10	6,542.81	6,542.67	6,542.47	6,542.43	6,542.43	6,542.43	6,542.40	6,542.33	6,542.33	6,542.24
TMW-50				105.48	104.95	105.28	105.46	105.71	105.78	105.77	105.82	105.79	105.89	105.89	105.99
TMW-50	148,198.81	324,697.71	6647.80	6,542.32	6,542.85	6,542.52	6,542.34	6,542.09	6,542.02	6,542.03	6,541.98	6,542.01	6,541.91	6,541.91	6,541.81
TMW-51				107.78	107.15	107.49	107.66	107.94	108.04	108.04	108.05	108.03	108.10	108.12	108.21
TMW-51	147,995.26	324,449.18	6650.00	6,542.22	6,542.85	6,542.51	6,542.34	6,542.06	6,541.96	6,541.96	6,541.95	6,541.97	6,541.90	6,541.88	6,541.79
TMW-52				102.57	101.96	102.30	102.72	103.06	103.17	103.15	103.14	103.06	103.21	103.27	103.32
TMW-52	148,316.56	324,221.64	6644.70	6,542.13	6,542.74	6,542.40	6,541.98	6,541.64	6,541.53	6,541.55	6,541.56	6,541.64	6,541.49	6,541.43	6,541.38
TMW-53				99.52	98.86	99.18	99.39	99.65	99.73	99.72	99.75	99.68	99.81	99.81	99.89

KENNECOTT URANIUM COMPANY
Groundwater Elevations

Well No.	Northing	Easting	*Revised Measuring Point Elev.	2007 Jan-07	Feb-07	= Resurveyed Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07
TMW-53	147,849.28	323,913.72	6641.47	6,541.95	6,542.61	6,542.29	6,542.08	6,541.82	6,541.74	6,541.75	6,541.72	6,541.79	6,541.66	6,541.66	6,541.58
TMW-54				55.61	55.36	55.71	55.82	56.02	56.12	56.29	55.26	55.56	55.05	54.81	54.81
TMW-54	149,122.85	324,827.05	6,652.06	6,596.45	6,596.70	6,596.35	6,596.24	6,596.04	6,595.94	6,595.77	6,596.80	6,596.50	6,597.01	6,597.25	6,597.25
TMW-55				54.55	54.22	54.57	54.62	54.78	54.83	55.00	54.98	54.49	54.03	53.89	53.76
TMW-55	149,098.35	324,587.76	6,649.48	6,594.93	6,595.26	6,594.91	6,594.86	6,594.70	6,594.65	6,594.48	6,594.50	6,594.99	6,595.45	6,595.59	6,595.72
TMW-56				104.95	104.89	105.45	105.48	105.71	105.71	105.62	105.66	105.52	105.78	105.82	105.89
TMW-56	149,105.02	324,418.67	6,647.72	6,542.77	6,542.83	6,542.27	6,542.24	6,542.01	6,542.01	6,542.10	6,542.06	6,542.20	6,541.94	6,541.90	6,541.83
TMW-57				105.36	113.07	113.64	113.51	113.60	113.33	113.21	113.00	113.11	112.92	112.98	113.02
TMW-57	149,296.82	324,590.47	6,649.86	6,544.50	6,536.79	6,536.22	6,536.35	6,536.26	6,536.53	6,536.65	6,536.86	6,536.75	6,536.94	6,536.88	6,536.84
TMW-58				104.45	105.90	106.41	106.06	106.21	106.11	106.11	106.15	106.35	106.15	106.12	106.37
TMW-58	148,915.74	324,570.92	6,646.96	6,542.51	6,541.06	6,540.55	6,540.90	6,540.75	6,540.85	6,540.85	6,540.81	6,540.61	6,540.81	6,540.84	6,540.59
TMW-59				111.04	110.80	111.15	111.34	111.54	111.51	111.38	111.37	111.36	111.41	111.40	111.66
TMW-59	148,403.85	325,013.86	6,648.15	6,537.11	6,537.35	6,537.00	6,536.81	6,536.61	6,536.64	6,536.77	6,536.78	6,536.79	6,536.74	6,536.75	6,536.49
TMW-61				107.05	106.61	106.98	107.18	107.43	107.51	107.49	107.55	107.51	107.59	107.65	107.75
TMW-61	148,422.32	324,592.68	6,649.36	6,542.31	6,542.75	6,542.38	6,542.18	6,541.93	6,541.85	6,541.87	6,541.81	6,541.85	6,541.77	6,541.71	6,541.61
TMW-62				81.65	92.00	101.81	101.41	104.67	104.76	104.80	104.61	104.96	broke off	105.71	105.34
TMW-62	148,789.00	324,277.11	6,646.13	6,542.70	6,542.00	6,542.29	6,542.69	6,541.61	6,541.52	6,541.48	6,541.67	6,541.32	#VALUE!	6,540.57	6,540.94
TMW-63				117.46	117.25	117.83	117.76	117.90	117.99	117.91	118.00	118.18	118.09	118.02	118.22
TMW-63	148,924.39	325,009.90	6,654.77	6,537.31	6,537.52	6,536.94	6,537.01	6,536.87	6,536.78	6,536.86	6,536.77	6,536.59	6,536.68	6,536.75	6,536.55
TMW-64				108.11	107.72	108.22	108.20	108.38	108.36	108.32	108.28	108.22	108.44	108.51	108.59
TMW-64	149,797.71	324,991.71	6,652.25	6,544.11	6,544.50	6,544.00	6,544.02	6,543.84	6,543.86	6,543.90	6,543.94	6,544.00	6,543.78	6,543.71	6,543.63
TMW-67				71.97	71.84	71.97	71.84	72.01	71.97	72.10	72.11	72.14	72.05	72.12	72.03
TMW-67	150,003.26	325,192.80	6,656.63	6,584.66	6,584.79	6,584.66	6,584.79	6,584.62	6,584.66	6,584.53	6,584.52	6,584.49	6,584.58	6,584.51	6,584.60
TMW-69				110.79	110.41	111.04	111.04	110.95	111.13	111.11	111.06	111.04	111.22	111.29	111.31
TMW-69	149,649.27	324,659.43	6,654.47	6,543.68	6,544.06	6,543.43	6,543.43	6,543.52	6,543.34	6,543.36	6,543.41	6,543.43	6,543.25	6,543.18	6,543.16
TMW-70				108.09	107.91	108.59	108.55	108.57	108.73	108.75	108.66	108.61	108.79	108.84	108.91
TMW-70	149,309.09	324,369.82	6,651.06	6,542.97	6,543.15	6,542.47	6,542.51	6,542.49	6,542.33	6,542.31	6,542.40	6,542.45	6,542.27	6,542.22	6,542.15
TMW-71				110.75	110.29	110.90	110.86	110.79	110.94	110.92	110.89	110.88	111.00	111.09	111.13
TMW-71	149,835.18	324,420.67	6,654.52	6,543.77	6,544.23	6,543.62	6,543.66	6,543.73	6,543.58	6,543.60	6,543.63	6,543.64	6,543.52	6,543.43	6,543.39
TMW-72				98.46	98.50	98.87	98.65	98.68	98.91	98.91	98.94	98.75	98.85	98.94	98.87
TMW-72	149,020.47	322,997.15	6,640.35	6,541.89	6,541.85	6,541.48	6,541.70	6,541.67	6,541.44	6,541.44	6,541.41	6,541.60	6,541.50	6,541.41	6,541.48
TMW-73				101.10	101.15	101.51	101.32	101.19	101.39	101.31	101.39	101.09	101.17	101.18	101.21
TMW-73	149,055.70	322,896.82	6,643.31	6,542.21	6,542.16	6,541.80	6,541.99	6,542.12	6,541.92	6,542.00	6,541.92	6,542.22	6,542.14	6,542.13	6,542.10
TMW-75				115.09	114.27	114.66	115.70	116.13	116.05	116.12	116.06	116.19	116.54	116.45	116.80
TMW-75	149,801.01	325,992.80	6,660.18	6,545.09	6,545.91	6,545.52	6,544.48	6,544.05	6,544.13	6,544.06	6,544.12	6,543.99	6,543.64	6,543.73	6,543.38
TMW-78				113.58	112.90	113.25	113.46	113.91	113.75	113.69	113.74	113.74	114.11	114.26	114.22
TMW-78	149,900.26	325,592.38	6,658.50	6,544.92	6,545.60	6,545.25	6,545.04	6,544.59	6,544.75	6,544.81	6,544.76	6,544.76	6,544.39	6,544.24	6,544.28
TMW-82				114.88	114.04	114.41	114.33	114.78	114.67	114.57	114.63	114.52	114.69	114.82	114.81
TMW-82	150,302.15	325,987.47	6,660.64	6,545.76	6,546.60	6,546.23	6,546.31	6,545.86	6,545.97	6,546.07	6,546.01	6,546.12	6,545.95	6,545.82	6,545.83
TMW-83				63.99	63.85	63.89	63.90	63.95	63.93	115.31	63.96	63.98	63.97	63.98	64.00
TMW-83	150,307.20	326,379.40	6,658.87	6,594.88	6,595.02	6,594.98	6,594.97	6,594.92	6,594.94	6,543.56	6,594.91	6,594.89	6,594.90	6,594.89	6,594.87
TMW-84				115.45	114.50	115.03	115.02	115.45	115.36	63.98	115.26	115.23	115.42	115.50	115.53
TMW-84	150,506.27	326,376.61	6,661.86	6,546.41	6,547.36	6,546.83	6,546.84	6,546.41	6,546.50	6,597.88	6,546.60	6,546.63	6,546.44	6,546.36	6,546.33
TMW-87				89.91	89.81	89.87	89.81	89.85	89.85	89.82	89.81	89.85	89.85	89.87	89.83
TMW-87	150,200.92	325,789.12	6,660.60	6,570.69	6,570.79	6,570.73	6,570.79	6,570.75	6,570.75	6,570.78	6,570.79	6,570.75	6,570.75	6,570.73	6,570.77
TMW-89				114.33	113.57	113.91	113.86	114.28	113.54	114.14	114.10	114.11	114.20	114.29	114.35
TMW-89	150,809.67	326,137.13	6,660.75	6,546.42	6,547.18	6,546.84	6,546.89	6,546.47	6,547.21	6,546.61	6,546.65	6,546.64	6,546.55	6,546.46	6,546.40
TMW-90															
TMW-90	148,611.42	323,958.91	6,639.82												
TMW-91				85.00	84.94	96.79	97.05	103.95	104.04	103.99	103.64	103.64	103.88	103.85	103.92
TMW-91	148,518.42	323,956.85	6,639.61	6,541.82	6,541.86	6,542.01	6,541.75	6,540.44	6,540.35	6,540.40	6,540.75	6,540.75	6,540.51	6,540.54	6,540.47
TMW-92				85.88	85.52	97.26	96.65	104.67	104.64	104.46	104.06	104.06	104.34	104.29	104.40
TMW-92	148,504.47	323,951.33	6,640.15	6,541.73	6,542.08	6,542.14	6,542.25	6,540.04	6,540.07	6,540.25	6,540.65	6,540.65	6,540.37	6,540.42	6,540.31
TMW-93				98.99	98.57	99.22	99.58	100.06	100.11	100.06	99.89	99.89	100.03	100.04	100.18
TMW-93	148,399.92	324,099.96	6,641.02	6,542.03	6,542.45	6,541.80	6,541.44	6,540.96	6,540.91	6,540.96	6,541.13	6,541.13	6,540.99	6,540.98	6,540.84

KENNECOTT URANIUM COMPANY
Groundwater Elevations

Well No.	Northing	Easting	*Revised Measuring Point Elev.	2007 Jan-07	Feb-07	= Resurveyed Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07
TMW-94				99.05	98.61	99.30	99.83	100.31	100.34	100.30	100.06	100.06	100.25	100.23	100.36
TMW-94	148,400.13	324,000.02	6,640.53	6,541.48	6,541.92	6,541.23	6,540.70	6,540.22	6,540.19	6,540.23	6,540.47	6,540.47	6,540.28	6,540.30	6,540.17
TMW-95				99.28	98.82	99.54	100.41	100.77	100.78	100.71	100.44	100.44	100.65	100.65	100.78
TMW-95	148,399.94	323,900.08	6,640.57	6,541.29	6,541.75	6,541.03	6,540.16	6,539.80	6,539.79	6,539.86	6,540.13	6,540.13	6,539.92	6,539.92	6,539.79
TMW-96				106.50	97.66	97.98	97.98	107.72	107.76	108.89	107.68	107.81	106.70	106.37	106.26
TMW-96	148,500.01	323,820.25	6,640.36	6,533.86	6,542.70	6,542.38	6,542.38	6,532.64	6,532.60	6,531.47	6,532.68	6,532.55	6,533.66	6,533.99	6,534.10
TMW-97				104.42	98.89	99.22	99.22	105.32	105.21	104.32	102.01	101.95	105.50	105.41	105.58
TMW-97	148,599.86	323,805.93	6,641.54	6,537.12	6,542.65	6,542.32	6,542.32	6,536.22	6,536.33	6,537.22	6,539.53	6,539.59	6,536.04	6,536.13	6,535.96
TMW-98				99.42	98.49	99.04	99.93	100.24	100.25	100.21	99.90	99.90	100.20	100.22	100.35
TMW-98	148,699.84	323,822.69	6,643.60	6,544.18	6,545.11	6,544.56	6,543.67	6,543.36	6,543.35	6,543.39	6,543.70	6,543.70	6,543.40	6,543.38	6,543.25
TMW-99				98.99	98.02	98.58	99.71	99.72	99.75	99.75	99.45	99.45	99.72	99.75	99.91
TMW-99	148,707.32	323,908.85	6,643.84	6,544.85	6,545.82	6,545.26	6,544.13	6,544.12	6,544.09	6,544.09	6,544.39	6,544.39	6,544.12	6,544.09	6,543.93
TMW-100					101.04	101.16	100.88	101.77	101.98	101.98	101.77	101.77	101.88	101.94	102.15
TMW-100	148,799.77	324,016.92	6,639.85	6,634.27	6,542.26	6,542.04	6,542.32	6,541.43	6,541.22	6,541.22	6,541.43	6,541.43	6,541.32	6,541.26	6,541.05
TMW-101				85.91	96.06	105.04	104.68	102.87	102.95	102.91	102.71	102.71	102.85	102.88	113.12
TMW-101	148,800.10	324,100.06	6,641.64	6,542.54	6,542.04	6,541.46	6,541.82	6,543.63	6,543.55	6,543.59	6,543.79	6,543.79	6,543.65	6,543.62	6,533.38
TMW-102				92.27	89.47	106.25	104.51	113.39	109.99	107.05	117.59	117.59	111.30	109.73	108.39
TMW-102	148,600.02	323,968.63	6,639.74	6,533.79	6,536.63	6,531.65	6,533.39	6,531.15	6,534.55	6,537.49	6,526.95	6,526.95	6,533.24	6,534.81	6,536.15
TMW-103									100.85	100.72	100.75	100.75	100.81	100.86	100.89
TMW-103	149,144.44	323,576.50	6,642.87						6,542.02	6,542.15	6,542.12	6,542.12	6,542.06	6,542.01	6,541.98
TMW-104				87.11	87.18	96.29	102.56	102.86	102.99	102.89	101.78	102.65	102.79	102.74	102.86
TMW-104	148,508.55	324,122.60	6,639.71	6,542.36	6,542.32	6,541.91	6,535.64	6,541.08	6,540.95	6,541.05	6,542.16	6,541.29	6,541.15	6,541.20	6,541.08
TMW-105															
TMW-105	148,581.02	323,943.82	6,640.18												
TMW-106									100.42	100.35	100.33	100.33	100.42	100.48	100.50
TMW-106	149,120.61	323,577.45	6,642.25						6,541.83	6,541.90	6,541.92	6,541.92	6,541.83	6,541.77	6,541.75
TMW-107									97.06	97.78	97.81	97.43	97.85	97.75	97.82
TMW-107	148,109.87	323,621.68	6,638.80						6,541.74	6,541.02	6,540.99	6,541.37	6,540.95	6,541.05	6,540.98
TMW-108									100.44	100.49	100.32	100.32	100.51	100.51	100.56
TMW-108	148,581.99	323,650.69	6,641.43						6,540.99	6,540.94	6,541.11	6,541.11	6,540.92	6,540.92	6,540.87
TMW-109									100.01	100.10	100.04	100.04	100.13	100.09	100.21
TMW-109	148,563.38	323,651.83	6,641.21						6,541.20	6,541.11	6,541.17	6,541.17	6,541.08	6,541.12	6,541.00
TMW-110									97.42	97.65	97.68	97.59	97.72	97.66	97.70
TMW-110	148,088.65	323,625.57	6,638.71						6,541.29	6,541.06	6,541.03	6,541.12	6,540.99	6,541.05	6,541.01
TMW-111				86.65	95.24	102.47	102.15	102.76	102.82	102.79	102.68	102.68	102.75	102.80	103.04
TMW-111	148,800.06	324,188.03	6,643.95	6,542.75	6,542.66	6,544.13	6,544.45	6,541.63	6,541.57	6,541.60	6,541.71	6,541.71	6,541.64	6,541.59	6,541.35
TMW-112				87.37	87.51	100.21	100.21	104.15	104.26	104.17	104.02	104.02	104.02	104.04	104.18
TMW-112	148,700.09	324,188.95	6,643.24	6,542.16	6,541.99	6,538.59	6,542.39	6,541.43	6,541.32	6,541.41	6,541.56	6,541.56	6,541.56	6,541.54	6,541.40
TMW-113				84.60	84.75	94.55	103.68	103.11	103.24	103.18	102.99	102.99	102.98	103.04	103.18
TMW-113	148,600.06	324,192.45	6,643.51	6,542.43	6,542.25	6,542.15	6,541.92	6,541.26	6,541.13	6,541.19	6,541.38	6,541.38	6,541.39	6,541.33	6,541.19
TMW-115				100.46	110.07	100.68	100.46	101.48	101.52	101.61	101.33	101.33	101.49	101.48	101.63
TMW-115	148,499.96	324,199.79	6,642.92	6,542.46	6,532.85	6,542.24	6,542.46	6,541.09	6,541.05	6,540.96	6,541.24	6,541.24	6,541.08	6,541.09	6,540.94
M-1				147.14	146.74	147.02	146.86	147.42	147.03	146.99	147.05	146.98	147.02	147.12	147.19
M-1	159,190.56	323,580.63	6,711.30	6,564.16	6,564.56	6,564.28	6,564.44	6,563.88	6,564.27	6,564.31	6,564.25	6,564.32	6,564.28	6,564.18	6,564.11
M-2				65.92	65.61	65.79	65.72	65.85	65.74	65.88	65.85	65.86	65.85	65.90	65.92
M-2	145,731.13	317,919.02	6,607.29	6,541.37	6,541.68	6,541.50	6,541.57	6,541.44	6,541.55	6,541.41	6,541.44	6,541.43	6,541.44	6,541.39	6,541.37
PWW-1				100.07	99.58	112.65	100.09	100.80	100.21	108.42	100.14	100.28	100.11	100.13	100.39
PWW-1	149,023.15	323,779.27	6,643.08	6,543.01	6,543.50	6,530.43	6,542.99	6,542.28	6,542.87	6,534.66	6,542.94	6,542.80	6,542.97	6,542.95	6,542.69
PWW-2				105.70	103.70	105.34	104.25	104.88	104.43	105.31	104.38	104.48	104.36	104.41	104.62
PWW-2	148,877.54	324,180.69	6,646.85	6,541.15	6,543.15	6,541.51	6,542.60	6,541.97	6,542.42	6,541.54	6,542.47	6,542.37	6,542.49	6,542.44	6,542.23
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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 (TI)												-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	2.99 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
SWEETWATER TAILINGS CELL
Surface Water Analysis
Revised 08/22/97

WYDEQ III Livestock Standard	Std	1992 4/14/92	8/11/92	10/22/92	1993 7/1/93	9/23/93	1994 3/24/94	7/28/94	1995 3/31/95	1996 6/22/96	1997 6/3/97	1998 6/2/98	1999 6/2/99	2000 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 (TI)		-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	2007
	Std	6/5/01	6/12/02	6/4/03	6/15/04	6/7/05	6/6/06	6/4/07
FIELD DATA mg/l:								
Temperature (C)		10	12	14	16	14		4
pH (Std. Units)		2.8	2.8	2.8	16.2	2.1		3.34
Cond (umho/cm)		1200	9600	10400	9000	8000		10140
TDS								
MAJOR IONS mg/l:								
Alk-CaC03		-1	-1	-1	-1	-1	-1	-1
Bicarbonate (HCO3)		-1	-1	-1	-1	-1	-1	-1
Calcium (Ca)		469	410	459	470	436	501	549
Carbonate (CO3)		-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)	2000	610	680	678	820	651	683	649
Fluoride (F)		36.5	42.4	43.7	38.4	16	44.9	13.5
Magnesium (Mg)		1130	992	1130	1300	1140	1290	1110
Nitrate-N (NO2)	10	0.67	0.4	2.4	0.17	-0.1	0.3	0.5
Potassium (K)		0.7	-1	1.5	1	-0.5	1.4	5.3
Silica (SiO2)		175	151	138	130	119	117	105
Sodium (Na)		733	724	801	810	726	725	743
Sulfate (SO4)	3000	13100	12500	13400	14000	12500	13500	10300
NON-METALS:								
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:								
Cond (umho/cm)		14000	14200	14100	14100	13600	13200	11500
pH (units)	-2	2.81	2.83	2.88	2.95	2.94	3.09	3.37
TDS @ 180°	5000	19400	20400	20100	21000	19100	18100	13600
TRACE METALS mg/l:								
Aluminum (Al)	5	1220	1150	1250	1300	1230	1060	554
Arsenic (As)	0.2	0.039	0.036	0.023	0.06	0.027	0.019	0.012
Barium (Ba)		-0.1	-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	0.2
Boron (B)	5	0.5	0.63	-0.22	-0.1	0.3	0.4	0.4
Cadmium (Cd)	0.05	0.019	0.034	0.02	0.03	0.019	0.017	0.014
Chromium (Cr)	0.05	1.83	2.47	1.31	2	1.7	1.44	0.55
Cobalt (Co)	1	1.95	2.78	1.87	3	2.63	2.96	2.09
Copper (Cu)	0.5	1.54	2.04	1.76	1.9	1.64	1.54	0.58
Iron (Fe)		313	250	232	230	139	115	59.5
Lead (Pb)	0.1	-0.01	-0.01	0.02	-0.01	-0.01	-0.01	0.02
Manganese (Mn)		61.7	94	70.4	110	84.4	94.4	67.4
Mercury (Hg)	0.005	-0.0002	0.0005	-0.0004	0.0005	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	0.04	-0.01	-0.01
Nickel (Ni)		4.6	7.01	5.79	7.2	6.8	6.92	4.39
Selenium (Se)	0.05	0.591	0.618	0.579	0.24	0.534	0.461	0.414
Silver (Ag)		-0.01	0.05	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	0.16	-0.01	-0.01	-0.01
Vanadium (V205)	0.1	0.4	0.5	0.3	0.2	0.2	0.2	-0.1
Zinc (ZN)	25	5.8	9.19	11.6	9.5	8.25	7.48	5.72
RADIOMETRIC pCi/l:								
Uranium, natural	3385	12300	12321.4	12000	11000	10300	11100	8530
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	20.2+/-1.7
Radium 228		1.9 +/- 1.0	-1	-1	-1	-1	8.9+/-1.1	-1
Combined Ra226/228	5	61.7	55.9	69.8	46.2	23.8	10.4	20.2
Thorium 230		9440 +/- 78	3250 +/- 30.3	1890+/-19.7	2110 +/- 34.9	1650+/-24.3	1620+/-113	671+/-58.2
Lead (Pb210)		-1	-2.7	-2.7	-1	-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	43.9+/-2.0
QUALITY ASSURANCE DATA:								
A/C Balance		1.17	1.19	1.09	1.17	1.22	1.07	1.01
(Energy Labs Inc unless noted)								

QED Associates civil engineering consultants

June 15, 2007

Oscar Paulson
Sweetwater Uranium Facility
Kennecott Uranium Company
P.O. Box 1500
Rawlins, WY 82301-1500

RE: 2007 INSPECTION OF TAILINGS IMPOUNDMENT LINER AND EMBANKMENTS

Dear Oscar:

On June 8, 2007 I inspected specific details of the Sweetwater Uranium Project's tailings impoundment liner, per recommendations in a July 13, 1979 letter report from D'Appolonia Consulting Engineers, Inc. D'Appolonia's letter report recommended inspection as follows:

> "Annual inspection (by a registered engineer and by a person not involved with the daily inspection) should be made to assess the soil cover at the top of the dike (and at the bench until it is covered by water), assure that the membrane is not being pulled from the trenches, assure that chemical or physical action is not exposing the scrim in the Hypalon, and evaluate the general character of the Hypalon, particularly significant decrease in membrane plyability."

Moreover, at the request of Kennecott Uranium Company, inspection of the embankments, both inside and outside the impoundment, were performed so that any conditions affecting performance of the embankments can be noted and rectified.

From February 2006 through May 2007 an estimated total of 230,000 cubic yards of additional 11(e)2 soils from the vicinity of the facility's catch basin have been placed near the east central portion of the impoundment. A ramp was constructed from the west embankment in the center of the impoundment to allow access to the tailings surface. Two lagoons were constructed over these additional 11(e)2 soils that provides for managed evaporative area and for storage of tailings fluid away from damaged portions of the liner.

The visual inspection was performed by driving slowly around the entire crest of the impoundment, by walking along the bench where possible (south, east, and north embankment slopes), and by walking along the entire crest of the impoundment.

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Large portions of the liner have been damaged between the crest and the bench on all four sides of the impoundment, and below the bench on portions of the east and north embankments. Past failure of the liner has been documented elsewhere.

Tailings/Fluid Surface to Bench. The liner has been damaged below the bench along the north half of the east embankment and the east half of the north embankment. The liner is covered by tailings along the west embankment and cannot be observed below the bench. The liner within five vertical feet of the tailings or tailings fluid surface has been maintained intact. The liner remains, by observation, plyable. There is no evidence of exposed scrim by either physical or chemical means. Photograph 1 depicts the liner below the bench in the southeast corner of the impoundment, near the free water pool.

A portion of the liner below the bench along the eastern half of the northern embankment has undergone repairs in 2007 (Photograph 2). Additionally, tailings sand without any rubble has been placed in this portion of the impoundment to move the free water pool away from the most damaged portions of the liner. The repairs consist of adhering a segment of used liner from the impoundment by cleaning and gluing per manufacturer's specifications. The repairs and soil placement should be effective at limiting the potential for tailings fluid to escape through the liner.

Bench. The bench is covered by tailings along the west embankment. The bench is observed to be functioning as designed along only the west halves of the south (Photograph 3) and north embankments, although even in these areas eroded soil from above the bench is accumulating below the liner at the bench putting additional strain on the bench seam. Elsewhere the key trench along the bench is rendered as non-functioning due to tears of the liner or erosion of embankment soils that has billowed the liner at the bench.

Bench to Crest. Between the bench and the crest of the impoundment, the liner is functional only in the impoundment's northwest corner: along the west half of the north embankment (Photograph 4) and the north half of the west embankment. Everywhere else the liner has been significantly torn and is in many places non-existent (Photograph 5).

Crest. A key trench that is functioning as designed only exists in those areas where the liner still exists: along the west half of the north embankment, and the north half of the west embankment.

Liner Conclusions/Recommendations. Above the bench, the liner is only intact and functional in the northwest corner of the impoundment, and in this area the key trench at the crest remains functional. The liner along the bench and the seam at the bench is functional along the west and south embankments, and the west half of the north embankment. The liner remains, by observation, plyable. There is no evidence of exposed scrim by either physical or chemical means.

Liner repair and placement of the additional 11(e)2 soils in the tailings impoundment limits the potential for fluid to escape through damaged liner. The additional 11(e)2 soils have added about 230,000 cubic yards of material to the impoundment. At the mean tailings surface (about

6,630 feet), the impoundment is 40 acres in area. The additional 230,000 cubic yards of soil corresponds to a depth of 4 feet if placed at a uniform depth. Shepherd Miller, Inc. (Final Design, Volume VI, Existing Impoundment Reclamation Plan, August 1997) estimated that the existing tailings (prior to catch basin remediation), would have a mean elevation of 6627 feet if regraded to a 1.0 percent slope from the northeast to the southwest corners. Thus, this elevation would be increased by 4 feet to about 6631 feet with the catch basin remediation 11(e)2 soils. Any repairs to the liner intended to be above the regraded tailings surface will need to take into consideration this additional 4 feet.

Fluid Levels. Fluid into the impoundment includes precipitation and groundwater pumped as part of the facility's Corrective Action Program. Evaporation from the impoundment, both naturally and through the enhanced evaporation system employed by the Sweetwater staff, has helped to offset these fluid inputs, as shown in Table 1 below. For the period from September 2005 to September 2006, the net fluid level in the southeastern pool of the impoundment increased about three feet, to the same level it was in October 2004.

Embankments Observation. Additionally, I observed the exterior of the four tailings embankments by driving slowly around its entire perimeter, and walking to those portions of the embankments that could not be reached by vehicle. The elevations of fluids in the impoundment continue to be well below the surrounding ground elevations, which vary from approximately 6,635 feet above mean sea level at the impoundment's southwest corner to 6,660 feet at its northeast corner. The exception is the small amount of fluid within evaporation ponds that are managed within the western margin of the tailings. Consequently, there is almost no potential for tailings fluid to escape through the embankments, even in the event of a hypothetical, catastrophic failure of an embankment.

The embankment ranges in height at its exterior perimeter from about 25 feet at its northeast corner to about 50 feet at its southwest corner. No significant evidence of either settlement or displacement of the embankment was observed during the June 2007 field visit. Some rilling of the exterior surface has occurred along the west, south, and east sides of the exterior embankment. Two to three rills extend from the toe to the bench, but no further upward, of the outer west embankment. Photograph 7 was taken of the west embankment, and Photograph 8 of the south embankment.

Table 1. Summary of Tailings Impoundment Fluid Levels

End-of-Year Measurement Date	Fluid Elevation, Pool Surface
November 19, 1987	6636.32
October 31, 1988	6632.03
November 20, 1989	6628.96
November 11, 1990	6626.58
October 7, 1991	6624.55
November 5, 1992	6622.20
October 11, 1993	6621.05
October 10, 1994	6618.90
October 3, 1995	6619.15
October 3, 1996	6617.90
October 16, 1997	6616.80
September 14, 1998	6616.55
November 17, 1999	6614.56
November 9, 2000	6610.80
November 19, 2001	6611.40
November 5, 2002	6607.10
October 6, 2003	6606.80
October 14, 2004	6608.70
September 5, 2005	6605.50
September 19, 2006	6608.70

If you have any questions regarding this inspection and any observations or recommendations, please do not hesitate to contact me.

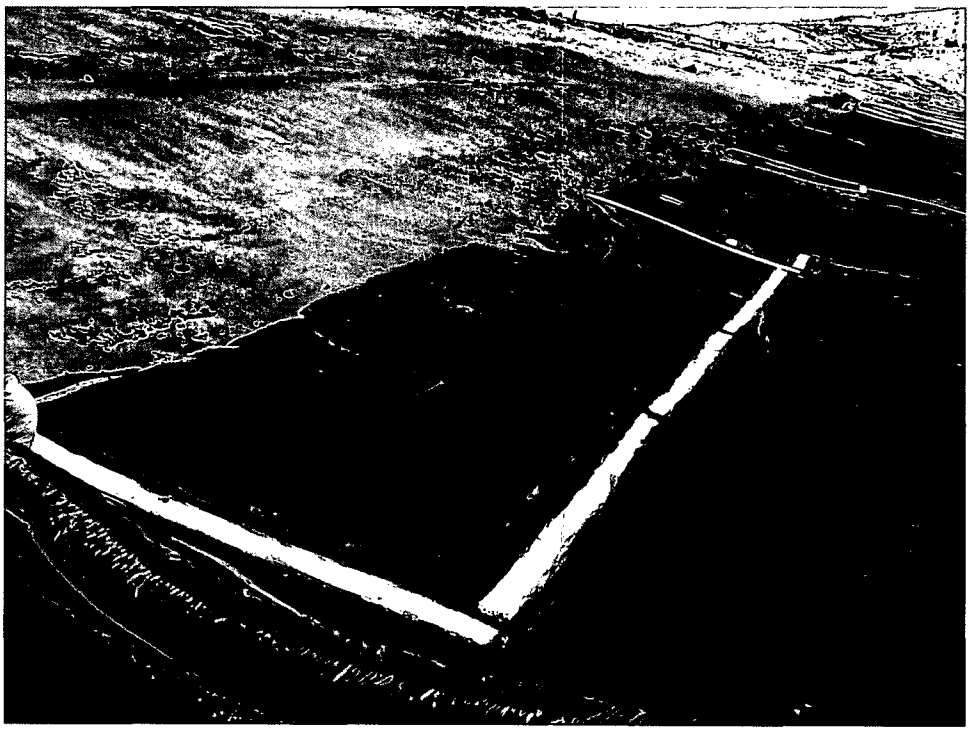
Best regards,

QED Associates

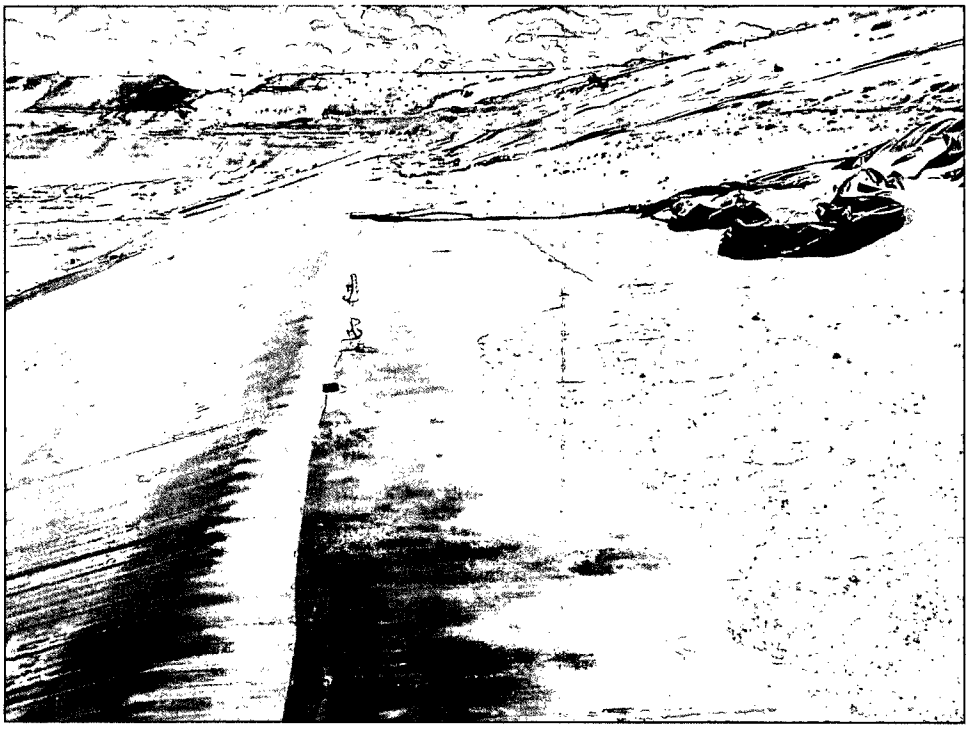
Kent Bruxvoort
Wyoming PE #6645



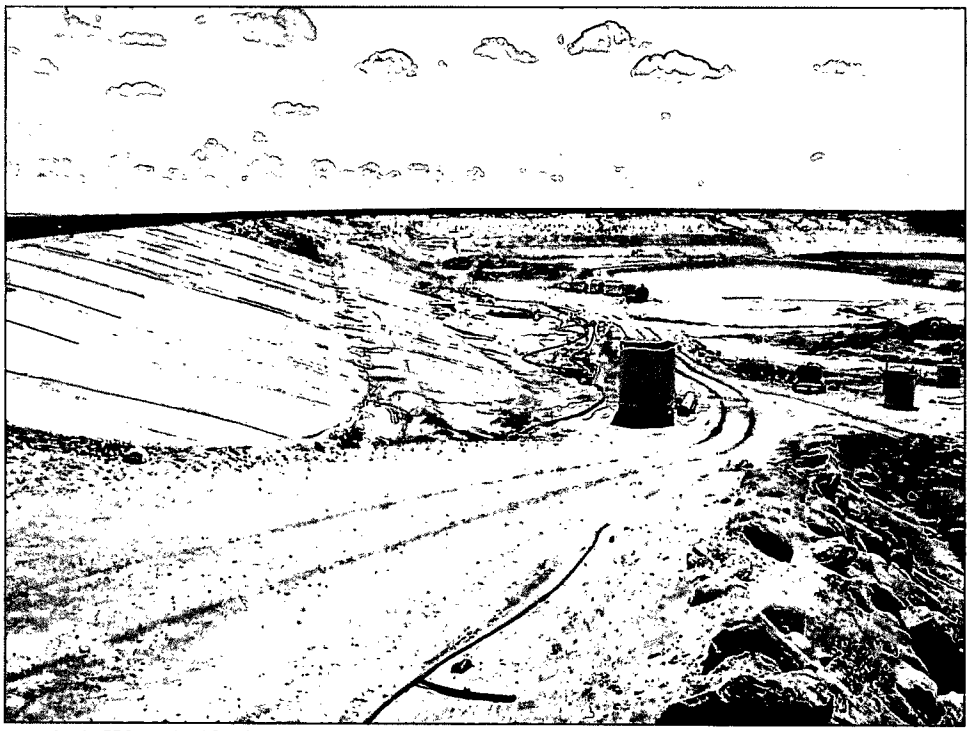
Photograph 1. Liner below bench, southeast corner near free water pool.



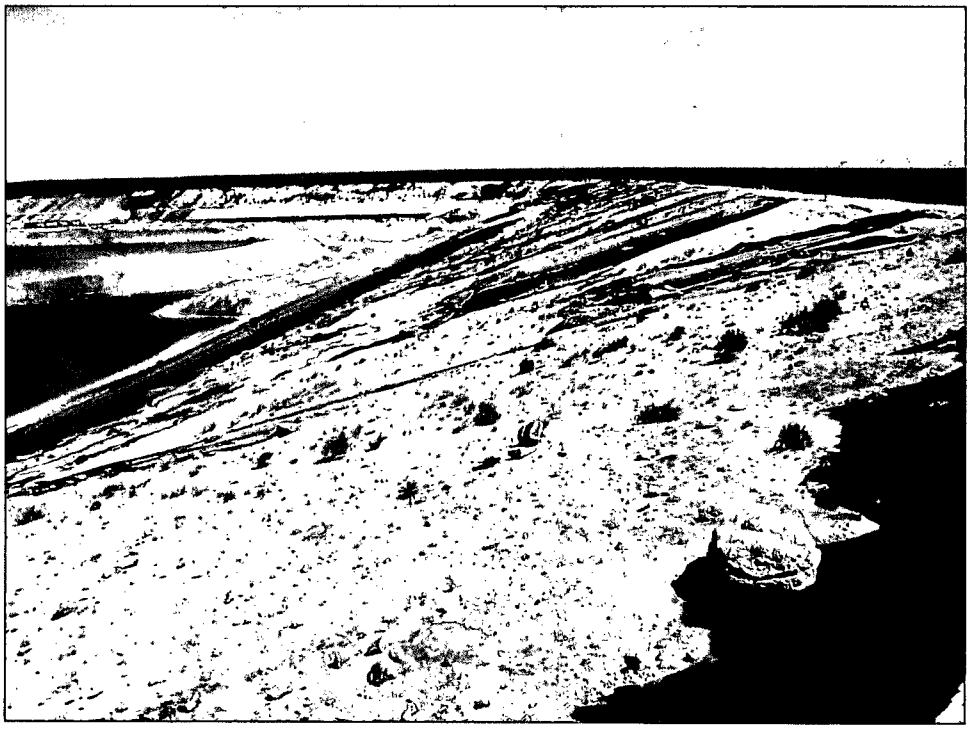
Photograph 2. Recently repair liner segment, north embankment near northeast corner.



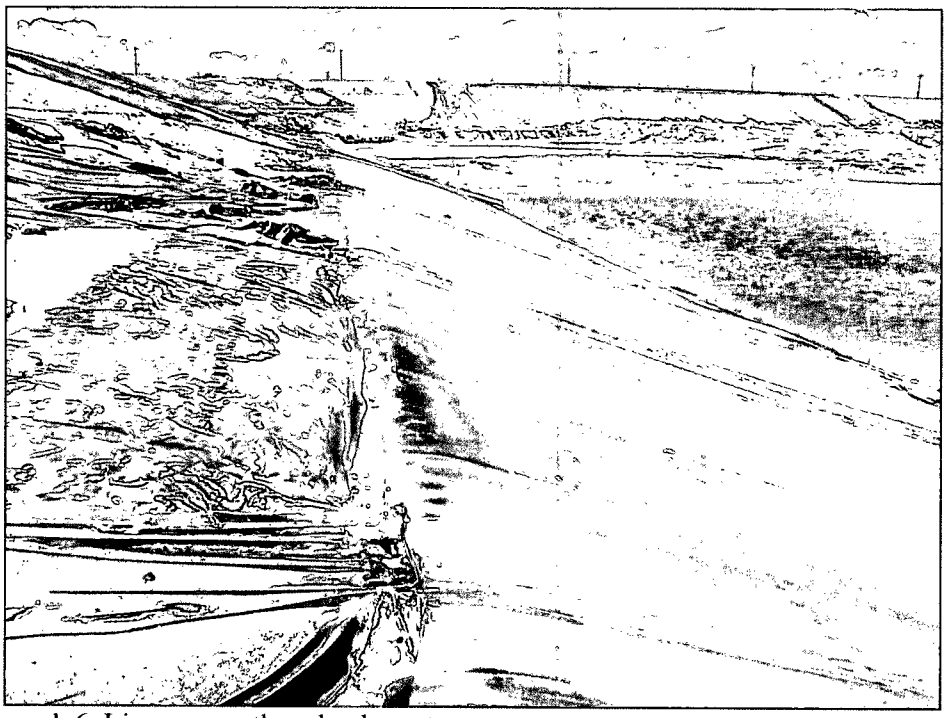
Photograph 3. Bench, south embankment.



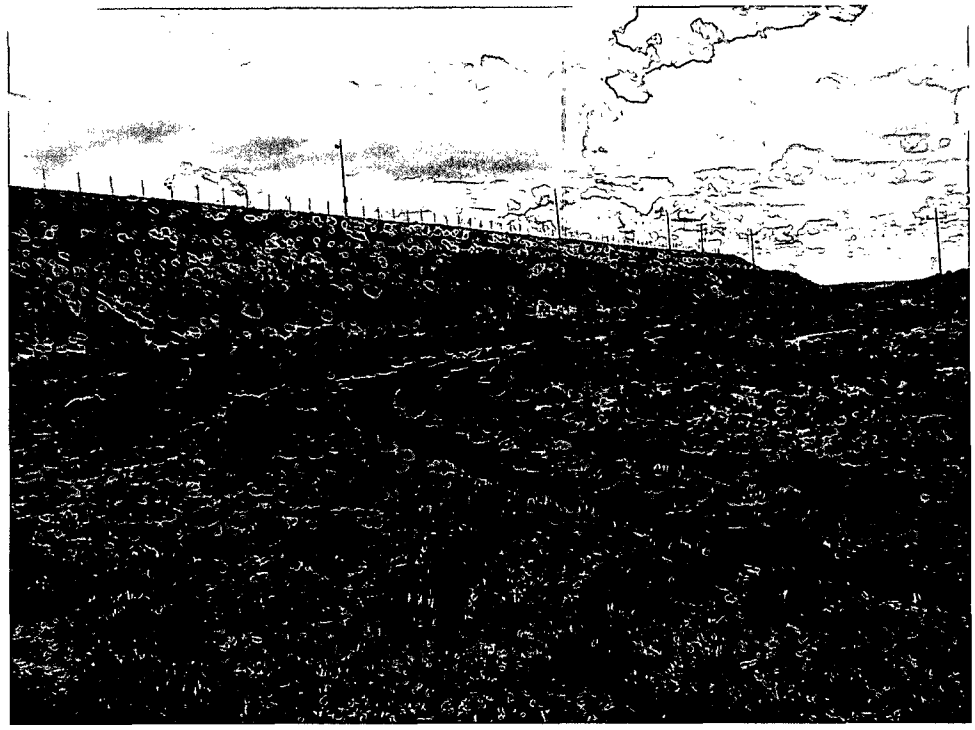
Photograph 4. West half of north embankment; functional liner between bench and crest.



Photograph 5. East and north embankments.



Photograph 6. Liner on south embankment.



Photograph 7. Exterior of west embankment.



Photograph 8. Exterior of south embankment.

QED Associates civil engineering consultants

June 15, 2007

Oscar Paulson
Sweetwater Uranium Facility
Kennecott Uranium Company
P.O. Box 1500
Rawlins, WY 82301-1500

RE: 2007 INSPECTION OF DIVERSION CHANNEL

Dear Oscar:

Overview. On June 8, 2007, I inspected the Sweetwater Uranium Project diversion channel, located east of the tailings impoundment, which was designed to divert Battle Spring Draw runoff around the impoundment during facility operations and standby. In the attached Figure 1 Battle Spring Draw is visible in the upper right hand corner of the aerial photograph, and the diversion channel in the middle right portion of the photograph. The channel will be modified, or a new channel constructed, during site reclamation to divert Probable Maximum Precipitation runoff around the tailings. I have performed the annual inspections since 1994 and have documented the characteristics of the diversion channel, considering both larger and smaller scale processes in bed and bank erosion or deposition. The objective of the inspection is to determine whether the channel is performing as designed and whether any maintenance is required to allow the channel to continue functioning as designed.

The discussion below is organized by the five relatively unique channel reaches observed to have formed within the channel since its construction in 1980.

Reach 1. This most upstream reach is about 300 feet in length and is characterized by sand deposition (Photograph 1) from the headcutting that has occurred at the entrance to the channel (see Photograph 2). The amount of headcutting appears similar to that observed in 2006. The banks of the channel in this reach, with the exception of the entrance itself, are very stable.

Reach 2. The second reach, progressing downstream, is approximately 200 feet in length. It has a shallow, low-flow channel that meanders across the channel bottom. This reach has more vegetation on the bed than the first reach, which provides some control against erosion (Photograph 3). The banks in this reach exhibit very little erosion.

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Reach 3. This middle reach is about 500' long, has the greatest percentage of channel bed covered by vegetation, and has no low flow channel (see Photograph 4). The banks of this reach have two to three specific locations where storm water or snowmelt runoff enter the channel, creating some rill erosion, with consequent local fan deposition of bank sediments (see Photographs 7 and 8.

Reach 4. Reach 4 is about 400 feet in length. It has also experienced some minor rill erosion along the banks where local runoff enters the channel. Is has less bed vegetation than Reach 3, and has a shallow low flow channel (Photograph 5).

Reach 5. This most downstream reach, about 400 feet in length, begins at the location of an isolated sandstone outcrop (see Photograph 6). This outcrop acts as a sort of erosional benchmark; if it were to be buried this would be evidence of deposition, and if it were to become more exposed this would be evidence of scour. The outcrop remains little changed from previous observations. Reach 5 has more grass in its bed and little evidence of a low flow channel. The banks are shorter in this reach, and exhibit localized, minor rill erosion.

Conclusion. While some erosion of the channel banks and bed has occurred, it is minor in nature and localized. Bank erosion has occurred where overland flow enters the channel, but is relatively extensive only at the entrance to the channel. Larger scale erosion of the bank in the form of lateral migration has not occurred.

Little evidence of change in the channel's form has been observed from 2006 to 2007, either in terms of vertical adjustment of the channel bed or in terms of lateral movement of the channel's banks. The diversion channel's capacity has not decreased measurably since its construction, and the channel is expected to continue to operate as designed.

If you have any questions, please do not hesitate to contact me.

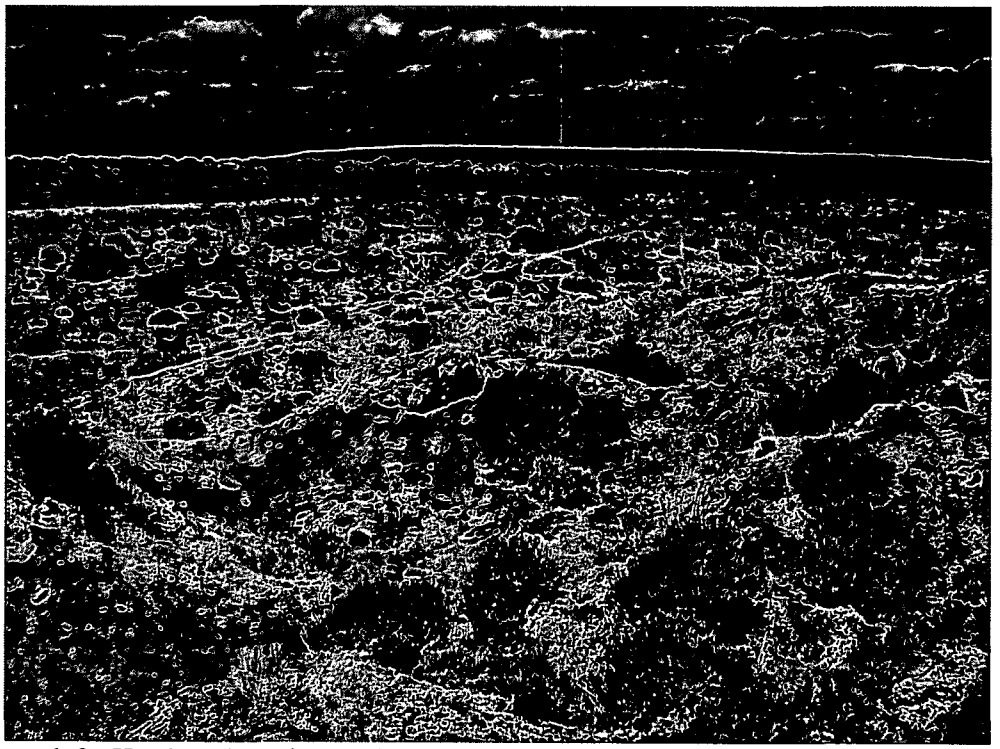
Best regards,

QED Associates

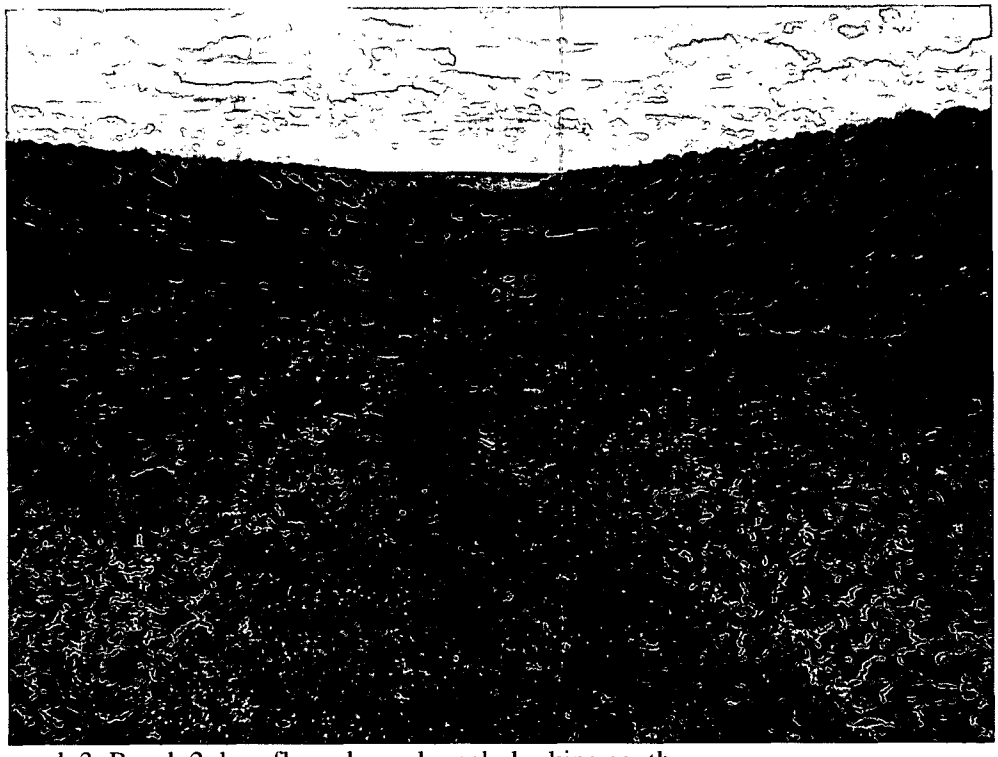
Kent Bruxvoort
Wyoming PE #6645



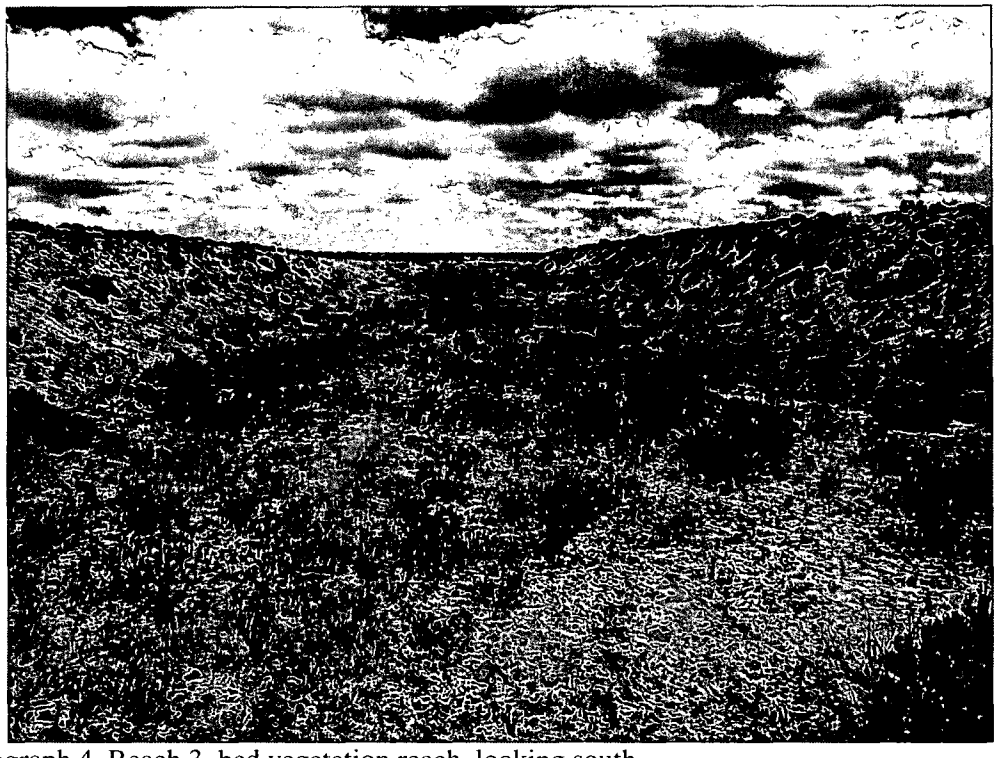
Photograph 1. Depositional reach, Reach 1, looking south, sand deposition in foreground.



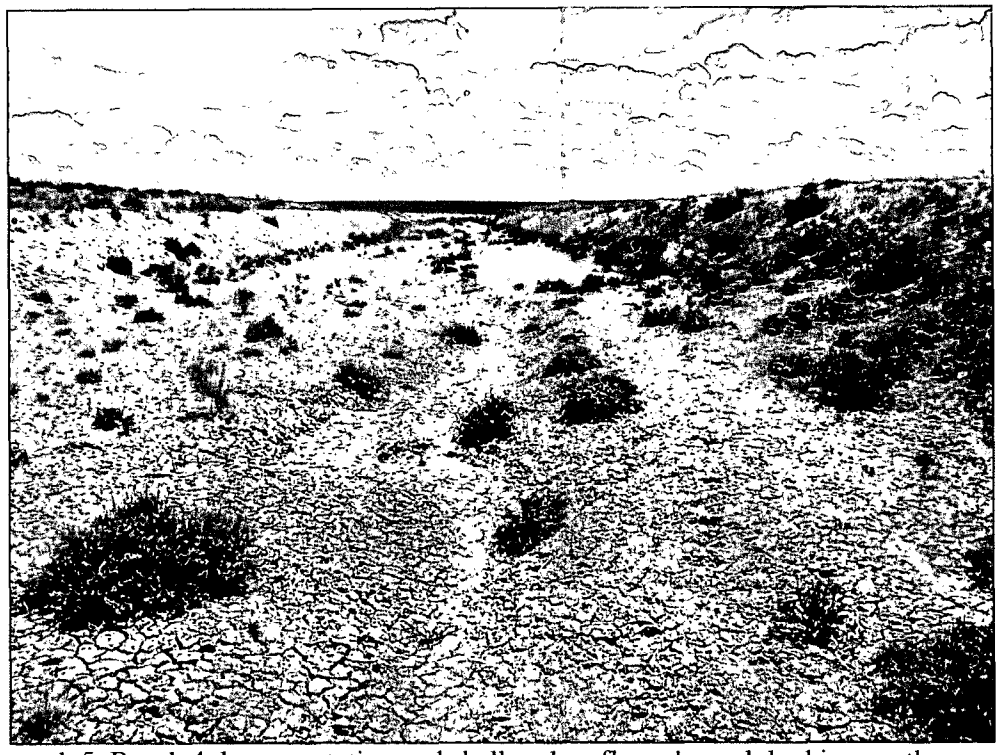
Photograph 2. Headward erosion at channel entrance, looking across the channel entrance toward the northwest.



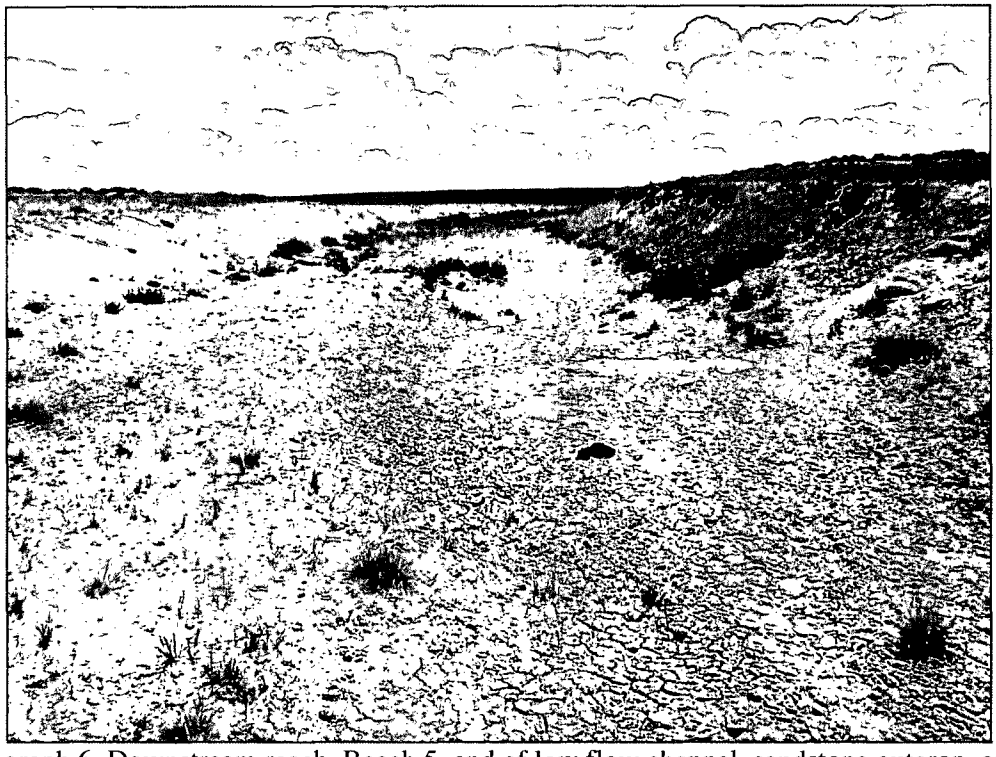
Photograph 3. Reach 2, low-flow channel reach, looking south.



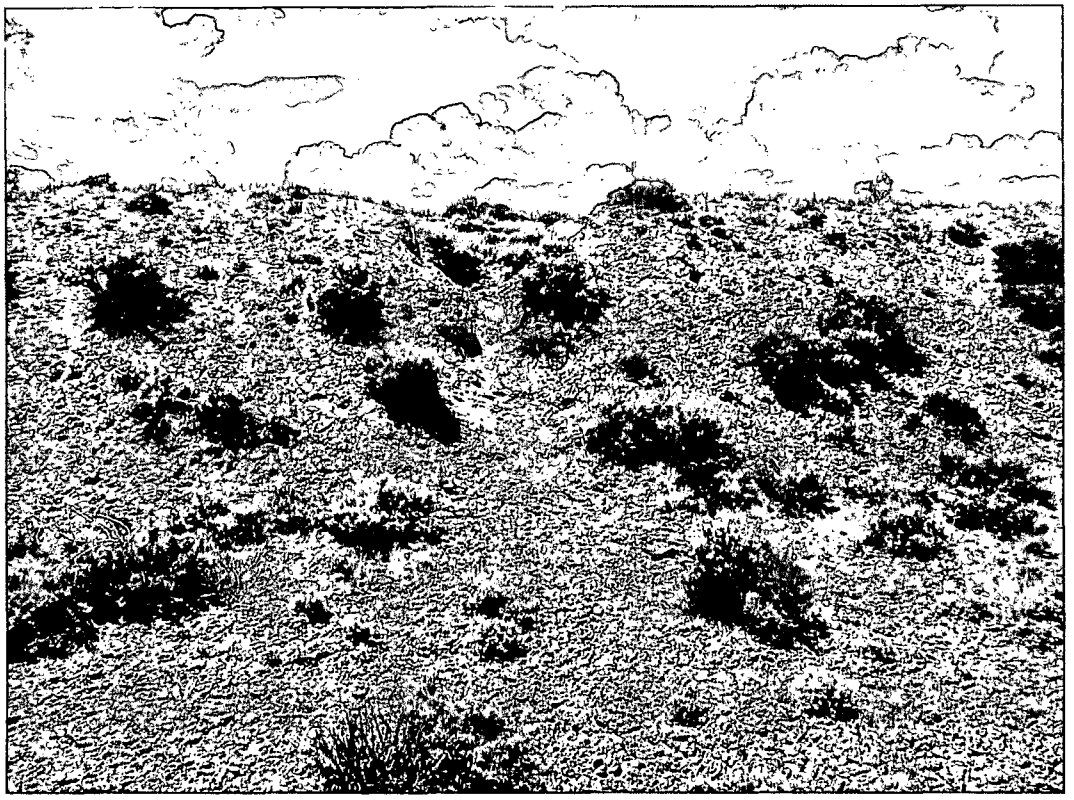
Photograph 4. Reach 3, bed vegetation reach, looking south.



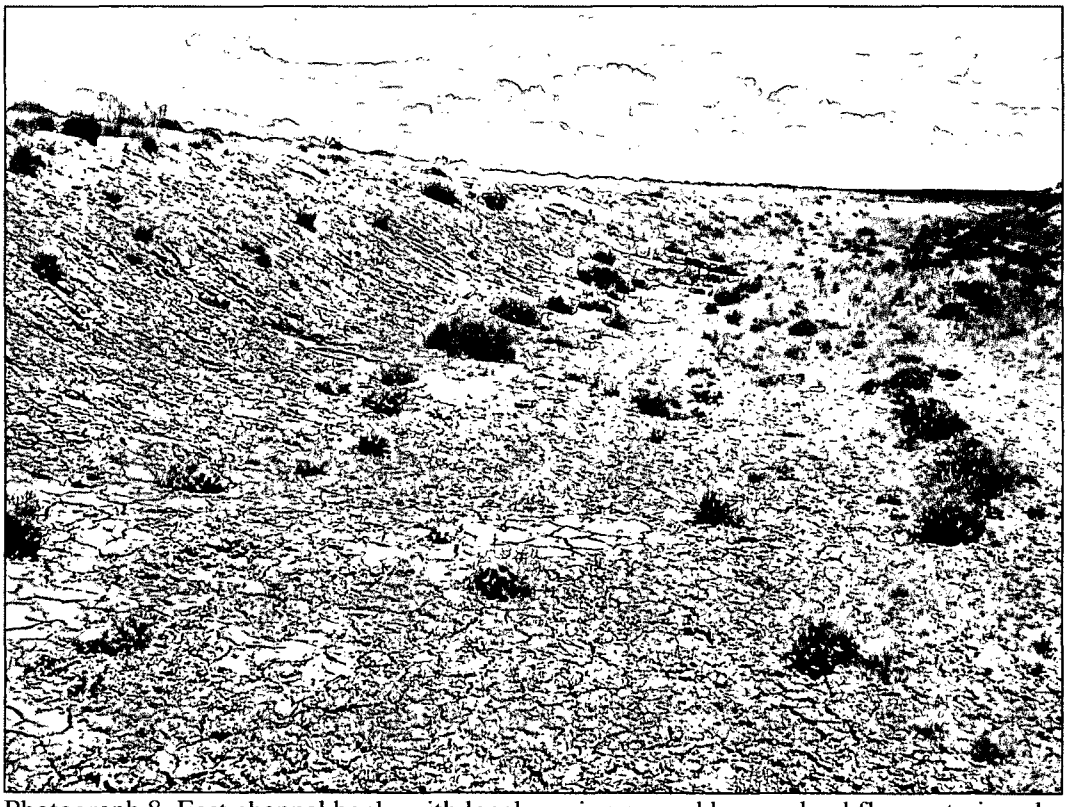
Photograph 5. Reach 4, less vegetation and shallow low flow channel, looking south.



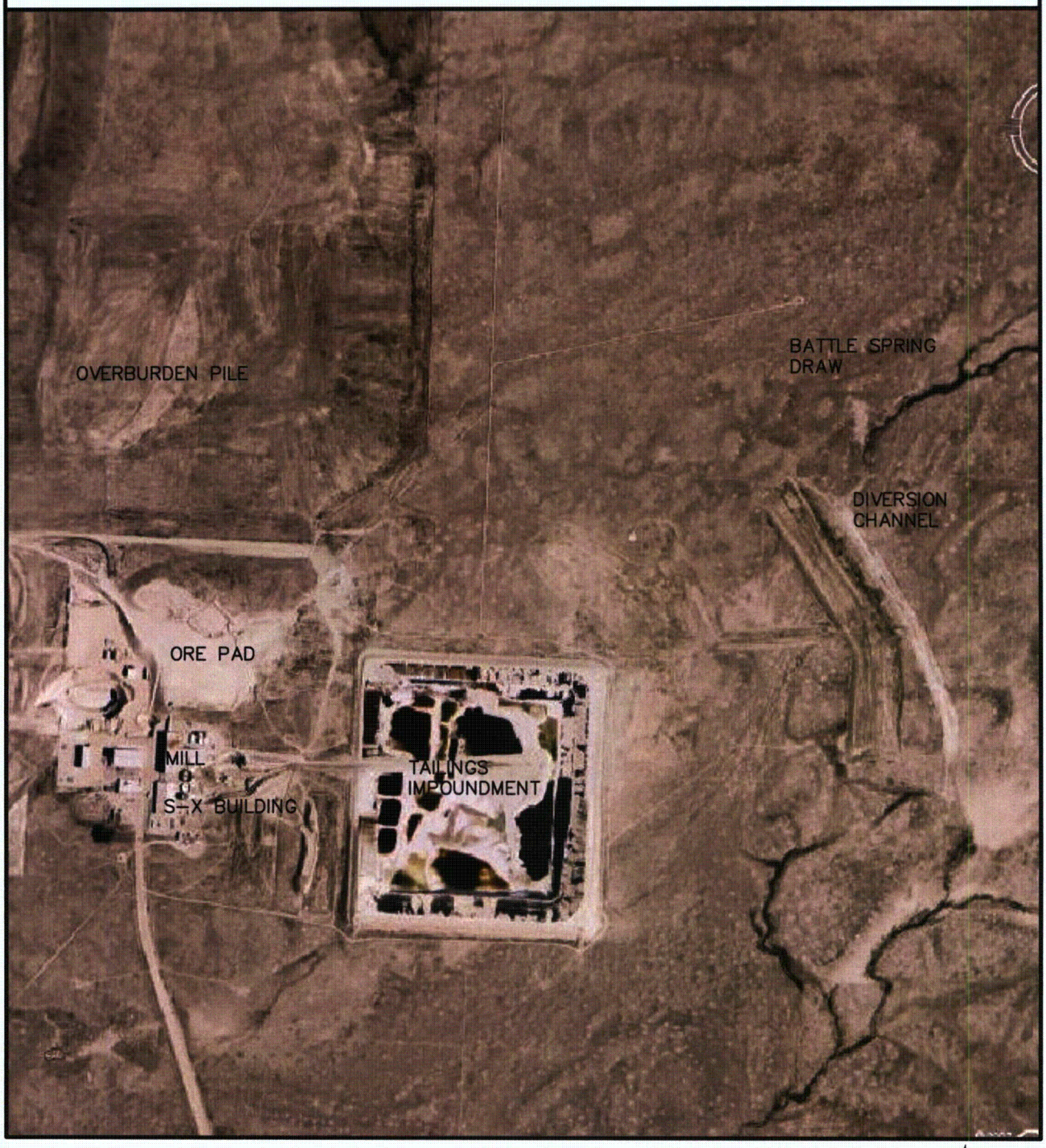
Photograph 6. Downstream reach, Reach 5, end of low flow channel, sandstone outcrop, and vegetated channel bottom, looking south.



Photograph 7. West channel bank, example of local bank erosion/rilling.



Photograph 8. East channel bank, with local erosion caused by overland flow entering channel.



1000' 0 1000'

SCALE: 1" = 1000'

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FIGURE 1	SWEETWATER URANIUM FACILITY AERIAL PHOTO EXHIBIT	QRED Associates	DATE: 6/07 PROJECT NO.: 30-101 DRAWN BY: KJB

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	December 31, 2000 to December 31, 2001
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	1,939,100.00
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	1,530,080.00
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	5,669,760.00
TMW 55	Perch								
TMW 57	Aquifer								1,958,380.00
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	2,312,330.00
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	1,953,690.00
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	2,734,650.00
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								15,000.00
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	18,112,990.00
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	233,231,829.20

TABLE 1

GALLONS PUMPED TO TAILINGS IMPOUNDMENT

WELL:	TYPE:	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	January 1, 2007 to December 31, 2007	
TMW 7	Aquifer		262,880.00	3,371,090.00	2,638,080.00	2,011,900.00	2,807,610.00	11,091,560.00
TMW 16	Aquifer	955,970.00	1,008,140.00					22,170,405.00
TMW 17	Aquifer	991,590.00	1,440,200.00	2,196,440.00	2,121,860.00	1,475,180.00	2,602,950.00	64,267,833.00
TMW 18	Aquifer	6,099,470.00	5,356,710.00	4,085,050.00	4,150,670.00	4,326,090.00	4,450,800.00	98,281,586.00
TMW 55	Perch							101,875.00
TMW 57	Aquifer	2,165,880.00	1,364,700.00	1,907,680.00	2,066,070.00	2,619,800.00	2,963,350.00	15,045,860.00
TMW 58	Aquifer	1,738,740.00	2,122,770.00	2,705,370.00	1,912,700.00	2,170,120.00	821,270.00	35,975,560.00
TMW 59	Aquifer	1,654,000.00	1,754,410.00	1,741,170.00	2,233,710.00	2,312,760.00	2,829,940.00	38,727,007.00
TMW 65	Perch							-
TMW 75	Aquifer	2,551,680.00	2,249,480.00	2,175,390.00	2,351,240.00	1,088,240.00	945,160.00	47,355,540.00
TMW 76	Perch							43,293.00
TMW 79	Perch							39,875.00
TMW 80	Perch							110,330.90
TMW 83	Perch							241,028.00
TMW 85	Perch							2,266.30
TMW 91	Aquifer				4,702.00			4,702.00
TMW 96	Aquifer				1,490,620.00	3,969,900.00	3,108,420.00	8,568,940.00
TMW 97	Aquifer				1,606,540.00	4,374,660.00	3,067,380.00	9,048,580.00
Bison Basin	Disposal							561,120.00
GMIX	Disposal							15,000.00
Subtotal:		16,157,330.00	15,559,290.00	18,182,190.00	20,576,192.00	24,348,650.00	23,596,880.00	351,652,361.20
Cumulative Gallons Pump		249,389,159.20	264,948,449.20	283,130,639.20	303,706,831.20	328,055,481.20	**351,652,361.20**	

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, 2007

SALTS	TMW-7	TMW-16	TMW-17	TMW-18	TMW-55	TMW-57	TMW-58	TMW-59	TMW-65	TMW-75	TMW-76	TMW-79	TMW-80	TMW-83	TMW-85	TMW-91	TMW-96	TMW-97	TAILS CELL
(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	KG	(KG)	(KG)
MAJOR IONS																			
Bicarbonate	8731.23	27851.82	39530.69	202851.85	0.00	7552.52	28517.25	57761.40	0.00	33771.47	0.00	0.00	0.00	0.00	0.00	2.49	4552.48	4297.62	415,420.82
Calcium	7334.09	33391.21	32695.15	221299.94	0.00	7461.15	31435.93	81816.55	0.00	32208.35	0.00	0.00	0.00	0.00	0.00	6.33	5980.55	5533.55	459,162.80
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	1108.23	5014.43	5579.82	34515.12	0.00	874.72	3672.32	11800.90	0.00	4703.56	0.00	0.00	0.00	0.00	0.00	1.01	958.98	775.73	69,004.82
Fluoride	2.49	2.42	30.30	6.59	0.00	9.15	13.57	15.22	0.00	25.26	0.00	0.00	0.00	0.00	0.00	0.00	3.83	5.41	114.24
Magnesium	535.06	2572.42	2055.92	14399.52	0.00	578.40	2410.64	9518.15	0.00	2497.38	0.00	0.00	0.00	0.00	0.00	0.49	437.36	435.71	35,441.05
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	1.47	0.00	377.75
Potassium	157.77	481.94	845.18	2480.90	0.00	196.10	582.46	1000.39	0.00	658.81	0.00	0.00	0.00	0.00	0.00	0.08	127.93	128.56	6,660.12
Silica	738.21	1430.36	3271.82	8413.76	0.00	772.41	2071.93	2941.45	0.00	2764.93	0.00	0.00	0.00	0.00	0.00	0.23	452.81	476.63	23,334.54
Sodium	2088.58	7454.19	10795.17	32762.35	0.00	2334.92	7247.11	13095.85	0.00	9120.53	0.00	0.00	0.00	0.00	0.00	1.28	1621.73	1596.57	88,118.28
Sulfate	15741.32	76973.64	75101.57	444408.92	281.43	17983.46	72703.72	206356.08	407.23	71103.99	2509.88	274.72	966.02	848.22	18.02	16.37	14716.62	12910.13	1,013,321.34
TDS	32318.88	148300.36	148900.13	893736.63	456.46	34333.33	138069.54	376474.11	673.46	145769.97	4529.50	531.92	1651.65	1423.79	33.85	28.12	27248.41	25097.86	1,979,577.97
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	3.99	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	9.52
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	0.49	0.22	1.66	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.81
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	31.90	51.35	22.37	2266.00	0.00	19.17	53.16	4316.18	0.00	27.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	4.72	6,793.07
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	10.00	35.54	19.61	332.43	0.00	8.67	26.10	427.41	0.00	21.48	0.00	0.00	0.00	0.00	0.00	0.00	3.39	4.42	889.05
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	2.14	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.61
Selenium	0.00	0.06	0.11	0.41	0.07	0.01	0.12	0.15	0.18	0.12	0.41	0.03	0.25	0.22	0.00	0.00	0.18	0.00	2.32
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	7.42	0.00	0.80	3.99	2.67	0.00	2.58	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	27.84
RADIOMETRICS																			
Uranium (mg/l)	0.22	24.09	3.52	1.96	0.00	0.44	1.88	1.04	0.00	10.88	0.00	0.00	0.00	0.00	0.00	0.00	1.80	1.92	47.75

KENNECOTT URANIUM COMPANY

TMW-7												
CONTAMINANTS REMOVED												
(Started pumping 12/01/03)	2007											
DATE FS:	10-Jan-07			11-Apr-07			22-Jul-07			01-Oct-07		
		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE
GALLONAGE		701,902.50	8,985,852.50		701,902.50	9,687,755.00		701,902.50	10,389,657.50		701,902.50	11,091,560.00
CONSTITUENTS	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)
Bicarbonate	204.00	542.03	7046.70	218.00	579.22	7625.92	210.00	557.97	8183.89	206.00	547.34	8731.23
Calcium	170.00	451.69	6008.26	183.00	486.23	6494.49	166.00	441.06	6935.55	150.00	398.55	7334.09
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
Chloride	26.00	69.08	893.01	30.00	79.71	972.72	24.00	63.77	1036.49	27.00	71.74	1108.23
Fluoride	0.10	0.27	1.69	0.20	0.53	2.22	0.00	0.00	2.22	0.10	0.27	2.49
Magnesium	13.90	36.93	424.53	16.20	43.04	467.57	13.60	36.14	503.70	11.80	31.35	535.06
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
Potassium	3.70	9.83	126.95	3.90	10.36	137.31	3.70	9.83	147.14	4.00	10.63	157.77
Silica	18.00	47.83	608.01	17.00	45.17	653.18	15.00	39.85	693.04	17.00	45.17	738.21
Sodium	50.90	135.24	1697.73	49.80	132.32	1830.05	49.80	132.32	1962.37	47.50	126.21	2088.58
Sulfate	366.00	972.46	12776.12	405.00	1076.08	13852.20	375.00	996.37	14848.57	336.00	892.75	15741.32
TDS	720.00	1913.03	26112.16	790.00	2099.02	28211.18	780.00	2072.45	30283.63	766.00	2035.25	32318.88
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
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
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
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
B	0.00	0.00	0.19	0.00	0.00	0.19	0.00	0.00	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
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
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
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
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
Fe	0.99	2.63	19.49	1.87	4.97	24.46	1.36	3.61	28.07	1.44	3.83	31.90
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
Mn	0.31	0.82	7.13	0.41	1.09	8.22	0.33	0.88	9.09	0.34	0.90	10.00
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
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
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
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
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
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
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
Zn	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.08
RADIOMETRICS												
U mg/l	0.01	0.01	0.16	0.01	0.02	0.17	0.01	0.02	0.19	0.01	0.02	0.22

KENNECOTT URANIUM COMPANY

TMW-17												
BATTLE SPRING AQUIFER												
CONTAMINANTS REMOVED	**2007**											
DATE FS	14-Mar-07			11-Apr-07			22-Jul-07			03-Oct-07		
(Started pumping 7/1/86)		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE
GALLONAGE		650,737.50	62,315,620.50		650,737.50	62,966,358.00		650,737.50	63,617,095.50		650,737.50	64,267,833.00
CONSTITUENTS	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)
MAJOR IONS												
Bicarbonate	159.00	391.67	38,498.57	134.00	330.08	38,828.65	140.00	344.86	39,173.51	145.00	357.18	39,530.69
Calcium	103.00	253.72	32,082.77	88.40	217.76	32,300.52	84.60	208.40	32,508.92	75.60	186.23	32,695.15
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
Chloride	12.00	29.56	5,515.78	8.00	19.71	5,535.48	8.00	19.71	5,555.19	10.00	24.63	5,579.82
Fluoride	0.20	0.49	29.31	0.20	0.49	29.80	0.10	0.25	30.05	0.10	0.25	30.30
Magnesium	10.30	25.37	2,017.49	5.70	14.04	2,031.53	5.40	13.30	2,044.83	4.50	11.08	2,055.92
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
Potassium	3.00	7.39	822.76	3.00	7.39	830.15	2.90	7.14	837.30	3.20	7.88	845.18
Silica	14.00	34.49	3,163.43	15.00	36.95	3,200.38	14.00	34.49	3,234.87	15.00	36.95	3,271.82
Sodium	41.80	102.97	10,525.19	37.60	92.62	10,617.81	38.00	93.61	10,711.42	34.00	83.75	10,795.17
Sulfate	234.00	576.41	73,759.07	194.00	477.88	74,236.95	182.00	448.32	74,685.27	169.00	416.30	75,101.57
TDS	494.00	1216.87	145,806.21	402.00	990.25	146,796.46	426.00	1049.37	147,845.83	428.00	1054.30	148,900.13
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
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
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
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
Boron	0.00	0.00	0.40	0.00	0.00	0.40	0.00	0.00	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
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
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
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
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
Iron	0.25	0.62	21.78	0.09	0.22	22.00	0.05	0.12	22.12	0.10	0.25	22.37
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
Manganese	0.13	0.32	19.32	0.04	0.10	19.41	0.04	0.10	19.51	0.04	0.10	19.61
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
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
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
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
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
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
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
Zinc	0.00	0.00	7.32	0.00	0.00	7.32	0.00	0.00	7.32	0.00	0.00	7.32
RADIOMETRICS												
Uranium (mg/l)	0.03	0.08	3.47	0.01	0.02	3.48	0.01	0.02	3.50	0.01	0.02	3.52

KENNECOTT URANIUM COMPANY

TMW-18												
BATTLE SPRING AQUIFER												
CONTAMINANTS REMOVED	2007											
DATE FS	25-Jan-07			04-Apr-07			22-Jul-07			01-Oct-07		
(Started pumping 10/8/86)		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE
GALLONAGE		1,112,700.00	94,943,486.00		1,112,700.00	96,056,186.00		1,112,700.00	97,168,886.00		1,112,700.00	98,281,586.00
CONSTITUENTS	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)
MAJOR IONS												
Bicarbonate	571.00	2405.07	195775.65	560.00	2358.74	198134.38	560.00	2358.74	200493.12	560.00	2358.74	202851.85
Calcium	615.00	2590.40	213768.84	596.00	2510.37	216279.21	596.00	2510.37	218789.57	596.00	2510.37	221299.94
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
Chloride	84.00	353.81	33491.60	81.00	341.17	33832.78	81.00	341.17	34173.95	81.00	341.17	34515.12
Fluoride	0.10	0.42	6.59	0.00	0.00	6.59	0.00	0.00	6.59	0.00	0.00	6.59
Magnesium	47.30	199.23	13791.72	48.10	202.60	13994.32	48.10	202.60	14196.92	48.10	202.60	14399.52
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
Potassium	7.30	30.75	2393.71	6.90	29.06	2422.78	6.90	29.06	2451.84	6.90	29.06	2480.90
Silica	22.00	92.66	8135.77	22.00	92.66	8228.43	22.00	92.66	8321.10	22.00	92.66	8413.76
Sodium	96.60	406.88	31486.11	101.00	425.41	31911.52	101.00	425.41	32336.94	101.00	425.41	32762.35
Sulfate	1240.00	5222.91	428740.18	1240.00	5222.91	433963.09	1240.00	5222.91	439186.01	1240.00	5222.91	444408.92
TDS	2470.00	10403.71	863030.95	2430.00	10235.23	873266.17	2430.00	10235.23	883501.40	2430.00	10235.23	893736.63
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
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
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
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
Boron	0.00	0.00	2.30	0.00	0.00	2.30	0.00	0.00	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
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
Cobalt	0.00	0.00	0.39	0.00	0.00	0.39	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
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
Iron	7.09	29.86	2168.45	8.13	34.24	2202.69	6.84	28.81	2231.50	8.19	34.50	2266.00
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
Manganese	1.24	5.22	315.50	1.30	5.48	320.97	1.32	5.56	326.53	1.40	5.90	332.43
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
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
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
Selenium	0.00	0.01	0.39	0.00	0.01	0.39	0.00	0.01	0.40	0.00	0.01	0.41
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
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
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
Zinc	0.00	0.00	7.38	0.00	0.00	7.38	0.00	0.00	7.38	0.01	0.04	7.42
RADIOMETRICS												
Uranium (mg/l)	0.00	0.01	1.94	0.00	0.01	1.94	0.00	0.01	1.95	0.00	0.01	1.96

TMW-57												
CONTAMINANTS REMOVED												
PERCHED AQUIFER WEI	2007											
DATE FS	2/12/07			4/4/07			7/22/07			10/1/07		
(Started pumping May 2001)		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE
GALLONAGE		740837.50	12823347.50		740837.50	13564185.00		740837.50	14305022.50		740837.50	15045860.00
CONSTITUENTS	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)
Bicarbonate	137.00	384.20	6385.90	135.00	378.59	6764.49	140.00	392.61	7157.10	141.00	395.42	7552.52
Calcium	120.00	336.53	6468.40	122.00	342.13	6810.54	121.00	339.33	7149.87	111.00	311.29	7461.15
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
Chloride	14.00	39.26	748.53	14.00	39.26	787.79	14.00	39.26	827.05	17.00	47.67	874.72
Fluoride	0.20	0.56	8.02	0.20	0.56	8.59	0.10	0.28	8.87	0.10	0.28	9.15
Magnesium	8.60	24.12	510.25	8.00	22.44	532.69	8.80	24.68	557.37	7.50	21.03	578.40
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
Potassium	3.40	9.53	166.93	3.50	9.82	176.75	3.30	9.25	186.00	3.60	10.10	196.10
Silica	14.00	39.26	649.02	16.00	44.87	693.89	13.00	36.46	730.34	15.00	42.07	772.41
Sodium	41.40	116.10	1994.75	39.80	111.61	2106.36	42.20	118.34	2224.71	39.30	110.21	2334.92
Sulfate	285.00	799.25	15639.00	274.00	768.40	16407.40	297.00	832.90	17240.30	265.00	743.16	17983.46
TDS	522.00	1463.88	29700.50	544.00	1525.58	31226.08	542.00	1519.97	32746.05	566.00	1587.28	34333.33
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
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
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
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
Boron	0.00	0.00	0.25	0.00	0.00	0.25	0.00	0.00	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
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
Cobalt	0.00	0.01	0.48	0.00	0.01	0.48	0.00	0.01	0.49	0.00	0.01	0.49
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
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
Iron	0.00	0.00	18.92	0.09	0.25	19.17	0.00	0.00	19.17	0.00	0.00	19.17
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
Manganese	0.09	0.25	7.91	0.09	0.25	8.17	0.09	0.25	8.42	0.09	0.25	8.67
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
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
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
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
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
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
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
Zinc	0.00	0.00	0.80	0.00	0.00	0.80	0.00	0.00	0.80	0.00	0.00	0.80
RADIOMETRICS												
Uranium (mg/l)	0.01	0.02	0.39	0.01	0.02	0.41	0.01	0.02	0.42	0.01	0.01	0.44

TMW-58												
BATTLE SPRING AQUIFER												
CONTAMINANTS REMOV	2007											
DATE FS	12-Feb-07			04-Apr-07			22-Jul-07			01-Oct-07		
(Started pumping 6/20/94)		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE
GALLONAGE		205317.50	35223617.51		205317.50	35428935.01		205317.50	35634252.51		205317.50	35839570.01
CONSTITUENTS	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)
Bicarbonate	237.00	184.20	27951.44	242.00	188.09	28139.53	240.00	186.53	28326.06	246.00	191.19	28517.25
Calcium	290.00	225.39	30811.05	268.00	208.29	31019.34	281.00	218.40	31237.74	255.00	198.19	31435.93
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
Chloride	44.00	34.20	3579.06	39.00	30.31	3609.37	40.00	31.09	3640.46	41.00	31.87	3672.32
Fluoride	0.10	0.08	13.26	0.20	0.16	13.42	0.10	0.08	13.49	0.10	0.08	13.57
Magnesium	24.00	18.65	2360.28	22.10	17.18	2377.45	22.80	17.72	2395.17	19.90	15.47	2410.64
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
Potassium	5.00	3.89	571.27	4.50	3.50	574.77	4.70	3.65	578.42	5.20	4.04	582.46
Silica	15.00	11.66	2036.96	15.00	11.66	2048.62	14.00	10.88	2059.50	16.00	12.44	2071.93
Sodium	61.20	47.57	7110.32	56.10	43.60	7153.92	61.00	47.41	7201.33	58.90	45.78	7247.11
Sulfate	685.00	532.39	71230.90	614.00	477.21	71708.11	673.00	523.06	72231.17	608.00	472.54	72703.72
TDS	1220.00	948.20	135224.94	1220.00	948.20	136173.14	1190.00	924.88	137098.02	1250.00	971.51	138069.54
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
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
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
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
Boron	0.00	0.00	0.21	0.00	0.00	0.21	0.00	0.00	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
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
Cobalt	0.00	0.00	0.21	0.00	0.00	0.22	0.00	0.00	0.22	0.00	0.00	0.22
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
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
Iron	0.00	0.00	51.92	0.62	0.48	52.40	0.52	0.40	52.81	0.46	0.36	53.16
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
Manganese	0.28	0.22	25.48	0.27	0.21	25.69	0.26	0.20	25.89	0.27	0.21	26.10
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
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
Nickel	0.00	0.00	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	0.12	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
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
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
Zinc	0.00	0.00	3.97	0.00	0.00	3.97	0.00	0.00	3.97	0.02	0.02	3.99
RADIOMETRICS												
Uranium (mg/l)	0.03	0.02	1.84	0.02	0.02	1.85	0.02	0.02	1.87	0.02	0.02	1.88

TMW-59												
CONTAMINANTS REM	2007											
DATE FS	25-Jan-07			11-Apr-07			22-Jul-07			1-Oct-07		
(Started pumping 9/1/88)		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE
GALLONAGE		707485.00	36604552.00		707485.00	37312037.00		707485.00	38019522.00		707485.00	38727007.00
CONSTITUENTS	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)
MAJOR IONS												
Bicarbonate	388.00	1039.11	55002.94	368.00	985.55	55988.49	350.00	937.34	56925.83	312.00	835.57	57761.40
Calcium	532.00	1424.76	77775.27	531.00	1422.08	79197.35	497.00	1331.03	80528.38	481.00	1288.18	81816.55
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
Chloride	88.00	235.67	11093.87	90.00	241.03	11334.90	87.00	233.00	11567.90	87.00	233.00	11800.90
Fluoride	0.20	0.54	13.35	0.30	0.80	14.15	0.20	0.54	14.69	0.20	0.54	15.22
Magnesium	68.40	183.18	8984.67	67.90	181.84	9166.51	67.30	180.24	9346.75	64.00	171.40	9518.15
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
Potassium	8.00	21.42	939.07	7.60	20.35	959.42	7.20	19.28	978.70	8.10	21.69	1000.39
Silica	18.00	48.21	2799.51	18.00	48.21	2847.72	17.00	45.53	2893.25	18.00	48.21	2941.45
Sodium	94.40	252.81	12341.16	91.40	244.78	12585.94	95.90	256.83	12842.77	94.50	253.08	13095.85
Sulfate	1340.00	3588.68	195777.50	1340.00	3588.68	199366.18	1320.00	3535.12	202901.30	1290.00	3454.78	206356.08
TDS	2420.00	6481.06	356682.79	2470.00	6614.96	363297.75	2470.00	6614.96	369912.71	2450.00	6561.40	376474.11
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
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
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
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
Boron	0.10	0.27	3.46	0.10	0.27	3.72	0.10	0.27	3.99	0.00	0.00	3.99
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
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
Cobalt	0.01	0.03	1.55	0.01	0.03	1.59	0.01	0.03	1.62	0.01	0.03	1.66
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
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
Iron	45.80	122.66	3928.39	46.60	124.80	4053.19	46.00	123.19	4176.38	52.20	139.80	4316.18
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
Manganese	3.97	10.63	395.03	3.83	10.26	405.29	4.12	11.03	416.33	4.14	11.09	427.41
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
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
Nickel	0.02	0.05	2.06	0.01	0.03	2.09	0.01	0.03	2.11	0.01	0.03	2.14
Selenium	0.00	0.01	0.14	0.00	0.00	0.15	0.00	0.00	0.15	0.00	0.00	0.15
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
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
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
Zinc	0.00	0.00	2.62	0.00	0.00	2.62	0.00	0.00	2.62	0.02	0.05	2.67
RADIOMETRICS												
Uranium (mg/l)	0.01	0.02	0.96	0.01	0.02	0.99	0.01	0.03	1.01	0.01	0.03	1.04

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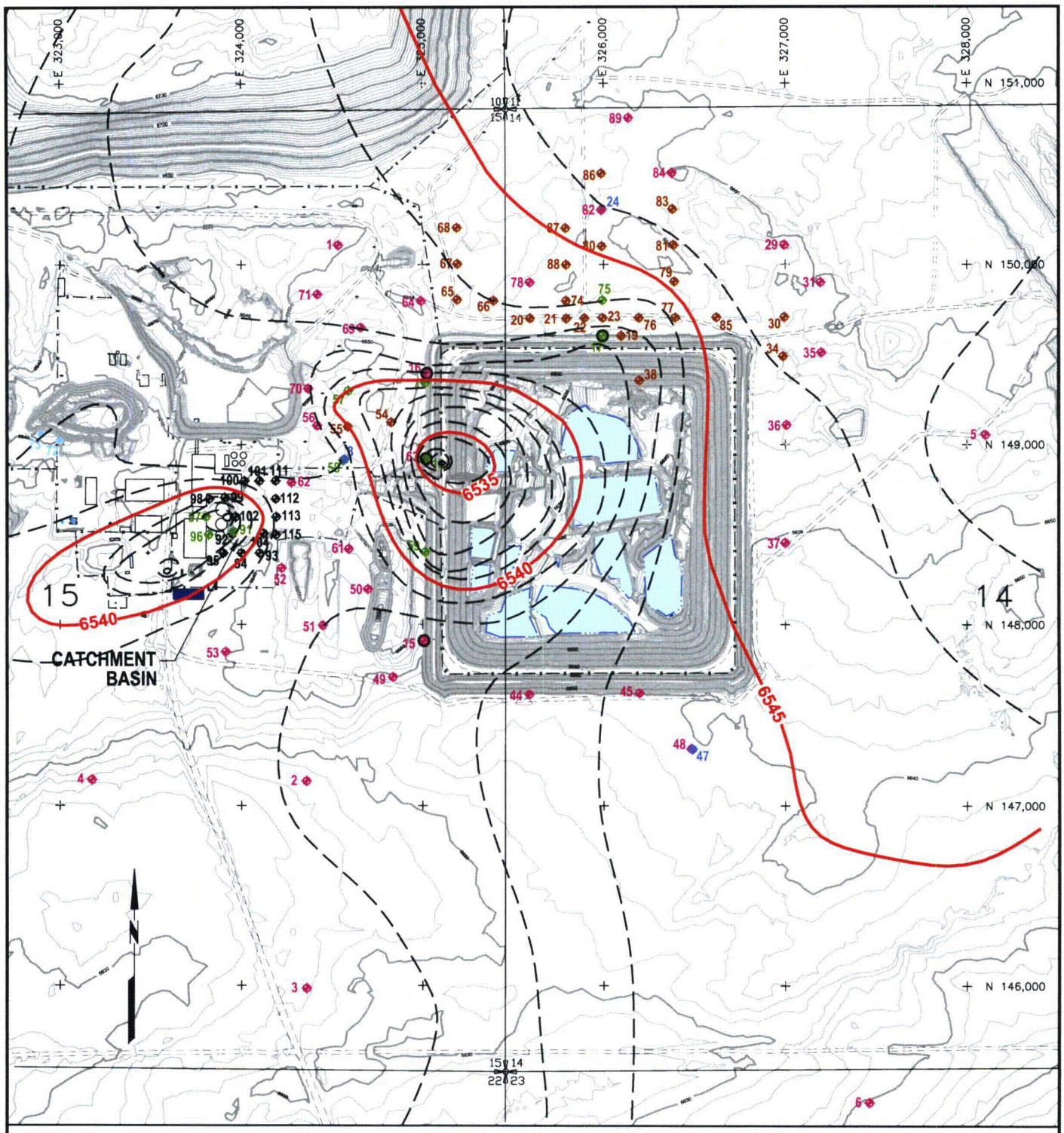
TMW-75												
CONTAMINANTS REMO	2007											
DATE FS	14-Mar-07			11-Apr-07			22-Jul-07			3-Oct-07		
(Started pumping 5/1/88)		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE
GALLONAGE		236290.00	46646670.00		236290.00	46882960.00		236290.00	47119250.00		236290.00	47355540.00
CONSTITUENTS	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)
MAJOR IONS												
Bicarbonate	131.00	117.17	33366.28	144.00	128.80	33495.08	150.00	134.17	33629.25	159.00	142.22	33771.47
Calcium	76.90	68.78	31859.51	127.00	113.60	31973.11	129.00	115.38	32088.49	134.00	119.86	32208.35
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
Chloride	7.00	6.26	4657.05	15.00	13.42	4670.46	16.00	14.31	4684.77	21.00	18.78	4703.56
Fluoride	0.20	0.18	24.91	0.20	0.18	25.08	0.10	0.09	25.17	0.10	0.09	25.26
Magnesium	4.80	4.29	2471.62	9.20	8.23	2479.85	9.80	8.77	2488.62	9.80	8.77	2497.38
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
Potassium	2.60	2.33	649.33	3.40	3.04	652.37	3.30	2.95	655.32	3.90	3.49	658.81
Silica	13.00	11.63	2726.47	14.00	12.52	2738.99	14.00	12.52	2751.52	15.00	13.42	2764.93
Sodium	36.50	32.65	9002.11	44.00	39.36	9041.46	44.60	39.89	9081.36	43.80	39.18	9120.53
Sulfate	168.00	150.27	70264.99	297.00	265.65	70530.64	302.00	270.13	70800.77	339.00	303.22	71103.99
TDS	382.00	341.68	144074.08	558.00	499.11	144573.18	626.00	559.93	145133.11	712.00	636.85	145769.97
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
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
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
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
Boron	0.00	0.00	1.23	0.00	0.00	1.23	0.00	0.00	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
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
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
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
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
Iron	0.00	0.00	26.73	0.10	0.09	26.82	0.11	0.10	26.92	0.09	0.08	27.00
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
Manganese	0.03	0.03	21.24	0.07	0.06	21.30	0.09	0.08	21.38	0.11	0.10	21.48
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
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
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
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
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
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
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
Zinc	0.00	0.00	2.58	0.00	0.00	2.58	0.00	0.00	2.58	0.00	0.00	2.58
RADIOMETRICS												
Uranium (mg/l)	0.01	0.01	10.82	0.01	0.01	10.83	0.02	0.02	10.85	0.03	0.02	10.88

TMW-96												
CONTAMINANTS REMOVE	2007											
DATE FS	7-Mar-07			24-Apr-07			25-Jul-07			2-Oct-07		
Started pumping June 30, 2005		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE
GALLONAGE		777105.00	6237625.00		777105.00	7014730.00		777105.00	7791835.00		777105.00	8568940.00
CONSTITUENTS	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)
MAJOR IONS												
Bicarbonate	143.00	420.66	3258.15	144.00	423.60	3681.75	149.00	438.31	4120.06	147.00	432.42	4552.48
Calcium	274.00	806.02	4533.25	182.00	535.38	5068.63	143.00	420.66	5489.29	167.00	491.26	5980.55
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
Chloride	52.00	152.97	714.82	26.00	76.48	791.31	27.00	79.42	870.73	30.00	88.25	958.98
Fluoride	0.20	0.59	2.66	0.20	0.59	3.24	0.10	0.29	3.54	0.10	0.29	3.83
Magnesium	25.90	76.19	336.17	13.40	39.42	375.59	9.50	27.95	403.54	11.50	33.83	437.36
Nitrate(NO3)	0.50	1.47	1.47	0.00	0.00	1.47	0.00	0.00	1.47	0.00	0.00	1.47
Potassium	6.80	20.00	94.98	4.00	11.77	106.75	3.00	8.82	115.57	4.20	12.35	127.93
Silica	12.00	35.30	332.20	14.00	41.18	373.38	12.00	35.30	408.68	15.00	44.12	452.81
Sodium	66.90	196.80	1210.48	51.40	151.20	1361.68	38.80	114.14	1475.82	49.60	145.91	1621.73
Sulfate	718.00	2112.11	11133.67	445.00	1309.04	12442.71	343.00	1008.99	13451.70	430.00	1264.91	14716.62
TDS	1230.00	3618.24	20094.29	820.00	2412.16	22506.45	780.00	2294.50	24800.95	832.00	2447.46	27248.41
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
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
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
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
Boron	0.00	0.00	0.38	0.00	0.00	0.38	0.00	0.00	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
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
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
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
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
Iron	0.08	0.24	0.96	0.00	0.00	0.96	0.09	0.26	1.22	0.00	0.00	1.22
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
Manganese	0.11	0.32	2.48	0.10	0.29	2.77	0.09	0.26	3.03	0.12	0.35	3.39
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
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
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
Selenium	0.05	0.15	0.17	0.00	0.01	0.17	0.00	0.00	0.18	0.00	0.01	0.18
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
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
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
Zinc	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.04
RADIOMETRICS												
Uranium (mg/l)	0.28	0.81	1.46	0.05	0.15	1.61	0.02	0.07	1.68	0.04	0.11	1.80

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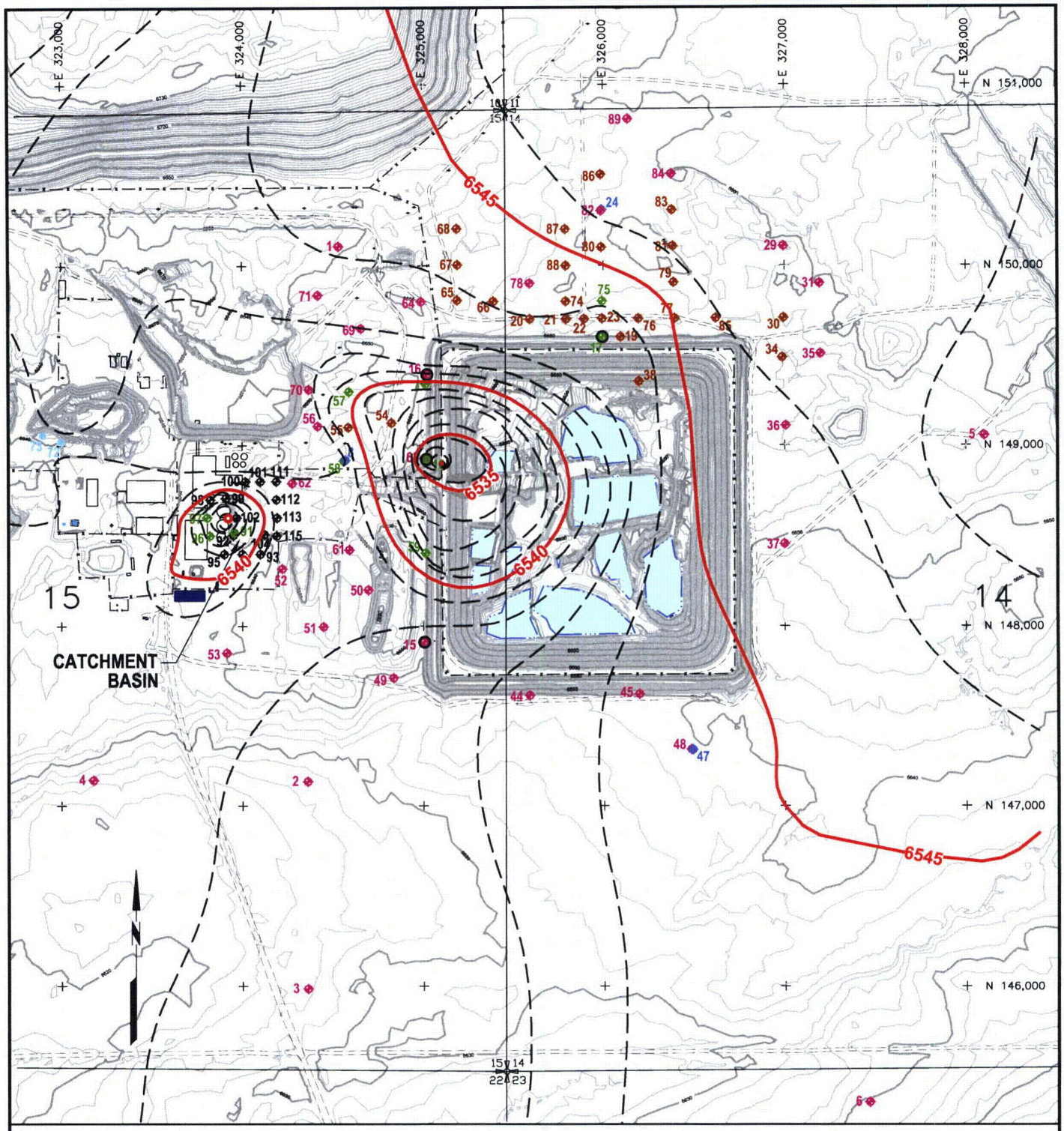
TMW-97												
CONTAMINANTS REMOV	2007											
DATE FS	28-Mar-07			24-Apr-07			12-Sep-07			7-Nov-07		
Started pumping September 6, 2005		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE		VOLUME 2007	CUMULATIVE
GALLONAGE		766845.00	6748045.00		766845.00	7514890.00		766845.00	8281735.00		766845.00	9048580.00
CONSTITUENTS	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)
MAJOR IONS												
Bicarbonate	146.00	423.81	3220.67	122.00	354.14	3574.81	125.00	362.85	3937.67	124.00	359.95	4297.62
Calcium	257.00	746.03	4238.89	145.00	420.91	4659.80	151.00	438.33	5098.13	150.00	435.42	5533.55
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
Chloride	37.00	107.40	598.66	20.00	58.06	656.72	21.00	60.96	717.68	20.00	58.06	775.73
Fluoride	0.20	0.58	3.67	0.30	0.87	4.54	0.20	0.58	5.12	0.10	0.29	5.41
Magnesium	27.40	79.54	337.01	11.60	33.67	370.68	11.20	32.51	403.19	11.20	32.51	435.71
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
Potassium	7.80	22.64	98.66	3.40	9.87	108.53	3.40	9.87	118.40	3.50	10.16	128.56
Silica	13.00	37.74	354.71	14.00	40.64	395.35	14.00	40.64	435.99	14.00	40.64	476.63
Sodium	60.40	175.33	1197.14	45.00	130.63	1327.77	45.50	132.08	1459.85	47.10	136.72	1596.57
Sulfate	705.00	2046.49	9693.80	361.00	1047.92	10741.72	375.00	1088.56	11830.28	372.00	1079.85	12910.13
TDS	1210.00	3512.42	19385.11	670.00	1944.89	21330.00	654.00	1898.45	23228.45	644.00	1869.42	25097.86
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
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
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
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
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
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
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
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
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
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
Iron	1.07	3.11	4.40	0.00	0.00	4.40	0.06	0.17	4.57	0.05	0.15	4.72
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
Manganese	0.45	1.31	3.58	0.10	0.29	3.87	0.10	0.29	4.16	0.09	0.26	4.42
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
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
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
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
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
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
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
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
RADIOMETRICS												
Uranium (mg/l)	0.32	0.93	1.55	0.06	0.16	1.71	0.03	0.09	1.80	0.04	0.12	1.92

Maps



SWEETWATER URANIUM FACILITY
MARCH 2007 PIEZOMETRIC CONTOUR MAP
2007 CORRECTIVE ACTION PROGRAM REVIEW

Date:	FEBRUARY 2008
Project:	06-442\REP2008\
File:	2008-GW-FIG.dwg



SCALE IN FEET

0 800

TOPOGRAPHY UPDATED OCTOBER 2007 BY ROBERT JACK SMITH & ASSOC. INC. CONSULTING LAND SURVEYORS
P.O. BOX 1104, 1015 HARSHMAN ST.
RAWLINS, WY 82301

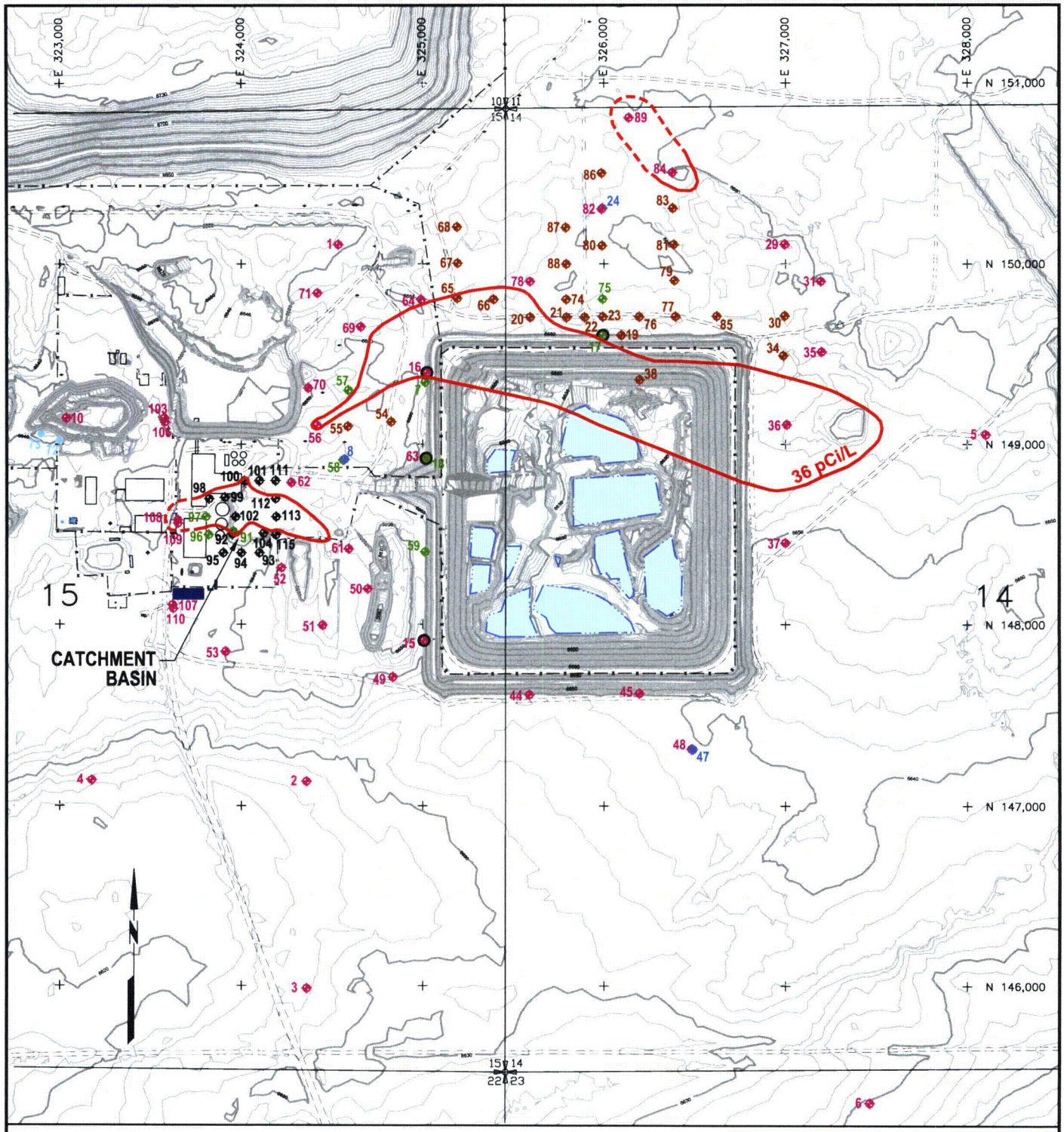
LEGEND

- 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.)

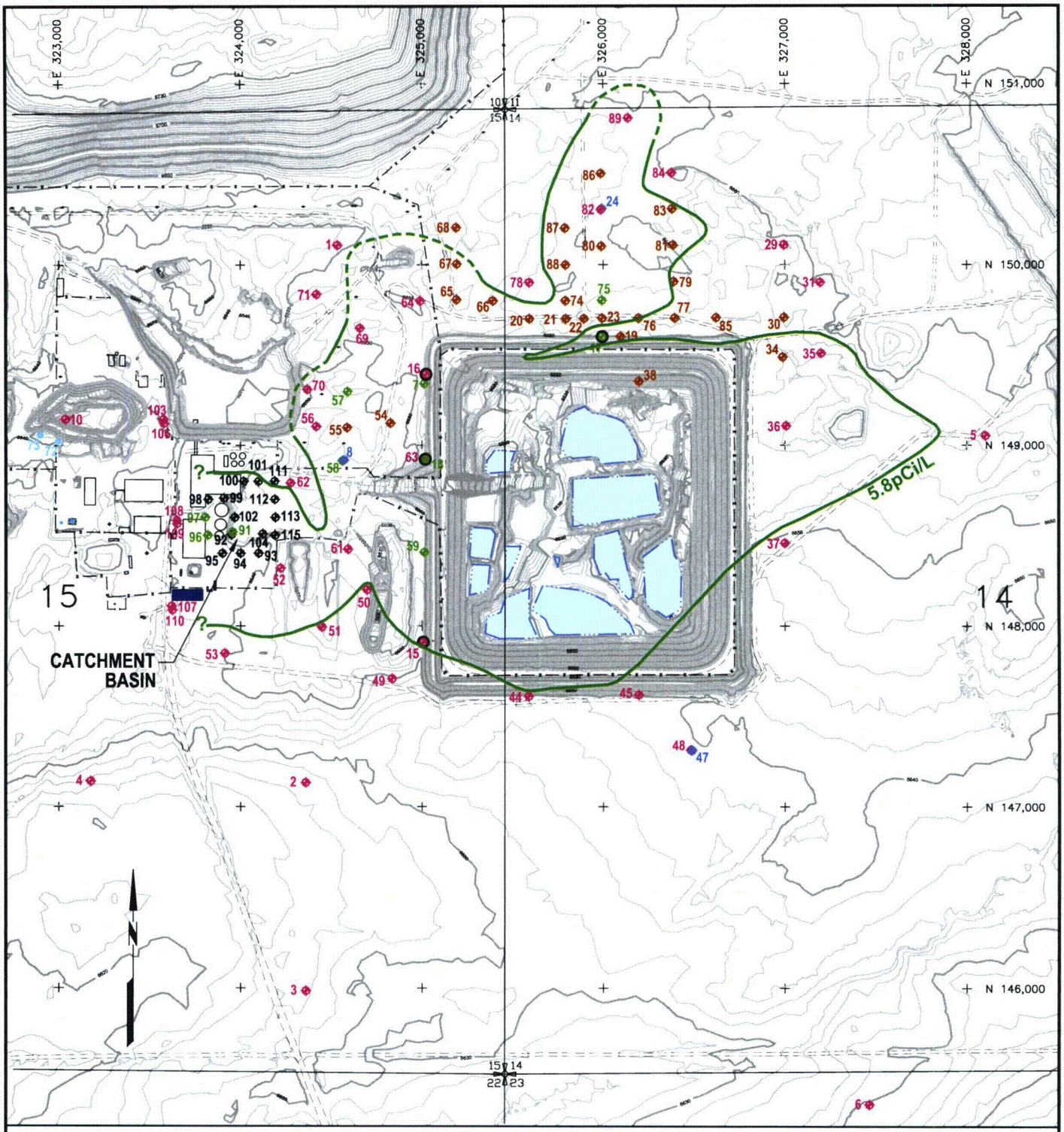
SWEETWATER URANIUM FACILITY
SEPTEMBER 2007 PIEZOMETRIC CONTOUR MAP
2007 CORRECTIVE ACTION PROGRAM REVIEW

Date:	FEBRUARY 2008
Project:	06-442\REP2008\
File:	2008-GW-FIG.dwg



SWEETWATER URANIUM FACILITY
URANIUM (U-nat) CONTOUR MAP
2007 CORRECTIVE ACTION PROGRAM REVIEW

Date:	FEBRUARY 2008
Project:	06-442\REP2008\
File:	2008-UR-FIG.dwg



SCALE IN FEET

0 800

TOPOGRAPHY UPDATED OCTOBER 2007 BY ROBERT JACK SMITH & ASSOC. INC. CONSULTING LAND SURVEYORS
P.O. BOX 1104, 1015 HARSHMAN ST.
RAWLINS, WY 82301

LEGEND

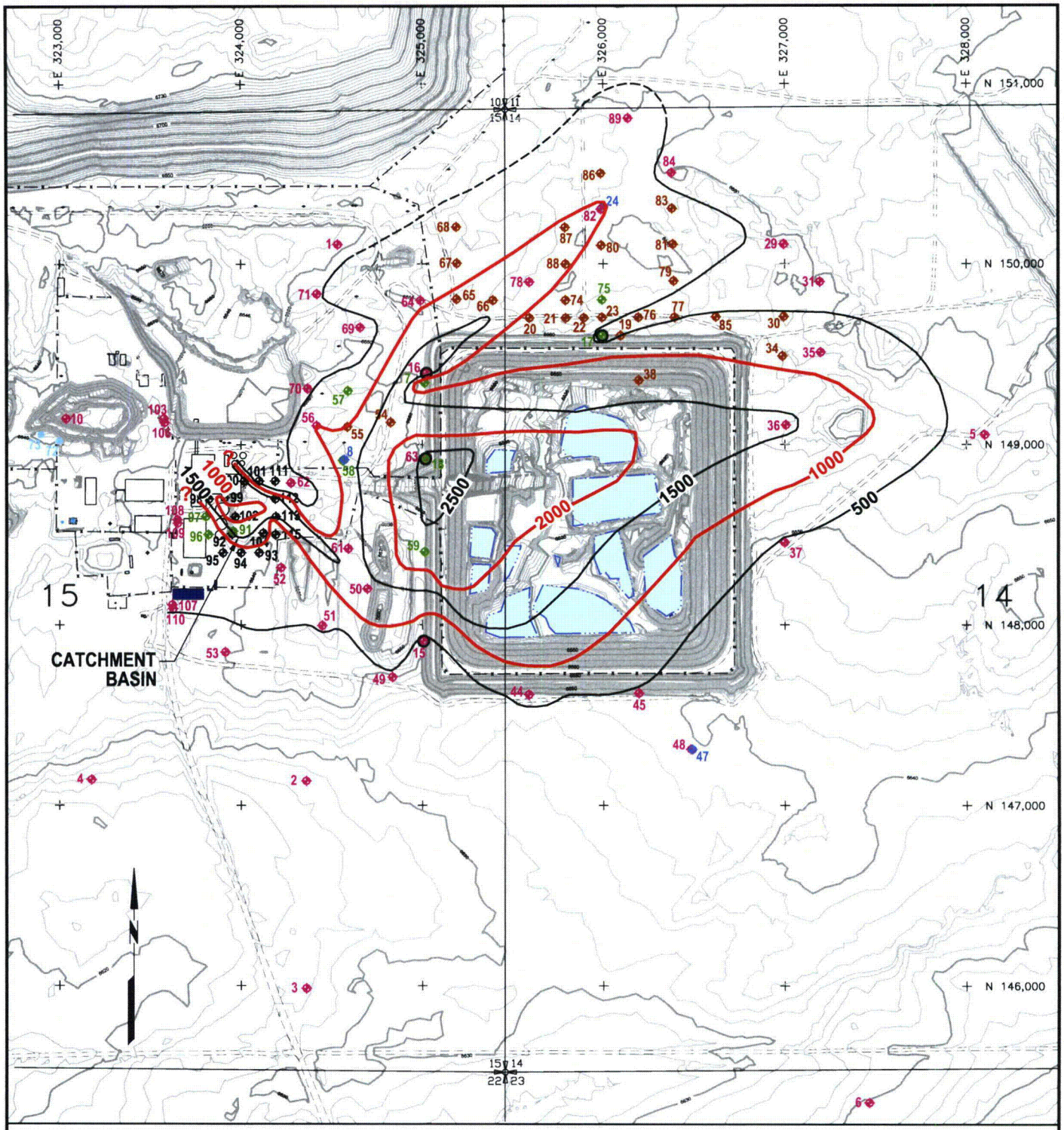
- 5.8 PCI/L COMBINED RADIUM-226/228 CONTOUR BASED ON HIGHEST COMBINED RADIUM-266/228 RESULT FOR GIVEN WELL FOR 2007.

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

SWEETWATER URANIUM FACILITY
COMBINE RADIUM-226/228 CONTOUR MAP
2007 CORRECTIVE ACTION PROGRAM REVIEW

Date:	FEBRUARY 2008
Project:	06-442\REP2008\
File:	2008-RAD-FIG.dwg

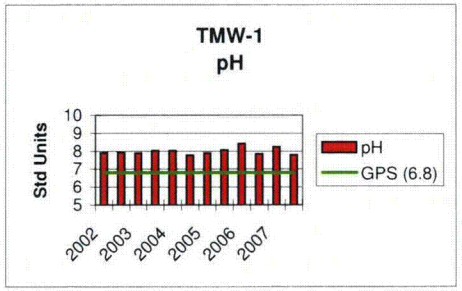


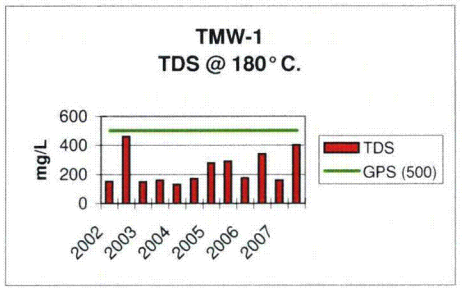
SWEETWATER URANIUM FACILITY
TDS CONTOUR MAP
2007 CORRECTIVE ACTION PROGRAM REVIEW

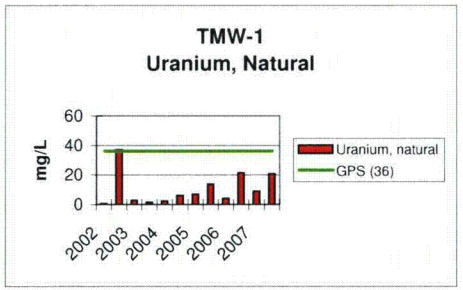
Date:	FEBRUARY 2008
Project:	06-442\REP2008\
File:	2008-TDS-FIG.dwg

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

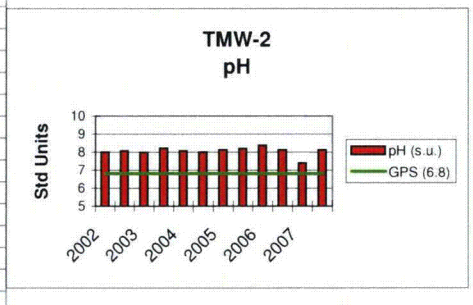
KENNECOTT URANIUM COMPANY													
TMW-1													
NORTHING: 150,107.66 EASTING: 324,536.42	Groundwater Protection	**2002**		**2003**		**2004**		**2005**		**2006**		**2007**	
ND = Non-detectable	Standard	01/14/02	07/11/02	01/13/03	07/01/03	01/06/04	07/13/04	01/04/05	07/12/05	01/11/06	07/25/06	01/10/07	07/17/07
FIELD PARAMETERS:	(GPS)												
Temperature (C)	as of 5/26/05	8		8	8	8	13	10	12	9.8	14.4	9.4	12.6
Ph (Standard units)		7.6		6.9	6.7	7.3	7.3	7.6	7.3	7.78	7.51	7.84	7.8
Conductivity (umho/cm)		240		280	240	240	200	400	280	230	500	270	515
TDS													
MAJOR IONS mg/l:													
Alkalinity (CaCO3)		82	130	85	81	81	82	99	108	90	110	85	116
Bicarbonate (HCO3)		99.4	158	103	98.2	98.2	101	120	132	107	134	104	142
Calcium (Ca)		16.7	100	17.4	16.8	17	20	46.7	60.9	22.2	72.2	28.1	79.6
Carbonate (CO3)		-1	-1	-1	-1	-1	-1	-1	-1	2	-1	-1	-1
Chloride (Cl)		-1	-1	2.2	4.6	-1	4	2	2	2	4	3	4
Fluoride (F)		0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	-0.1	0.1	0.2	0.1
Magnesium (Mg)		-1	6	-1	-1	-1	1	2.4	3.6	1.2	4.4	1.7	5.1
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
Potassium (K)		1.1	2.9	2.7	1.1	1	2	1.8	1.7	1	1.5	1.5	2.6
Silica (SIO2)		12.8	7.7	10.6	12.2	12	12	12	11	11	10	11	9
Sodium (Na)		36.4	32.8	36.6	35.8	36	35	39.4	36.8	36.5	34.4	33.6	34.3
Sulfate (SO4)		39.6	204	39.2	39	45	47	102	134	53	153	56	164
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
PHYSICAL PROPERTIES:													
Conductivity (umho/cm)		250	678	269	257	256	266	412	500	280	526	291	556
pH (s.u.)	GPS (6.8)	7.9	7.93	7.89	8.03	8.03	7.78	7.88	8.06	8.42	7.85	8.24	7.8
TDS @ 180 C.	GPS (500)	150	460	148	160	130	170	279	290	176	340	160	402
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
Arsenic (As)	GPS (.05)	0.002	0.001	0.002	0.002	0.002	0.003	0.002	-0.001	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
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
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
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
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
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
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
Iron (Fe), Dissolved	GPS (0.6)	-0.1	0.156	-0.05	-0.05	-0.05	-0.05	-0.05	0.14	-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
Manganese (Mn)	GPS (0.2)	0.01	0.11	0.01	0.01	-0.01	0.04	0.05	0.07	0.02	0.08	0.03	0.09
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	0.0004	-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
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
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
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
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
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
Zinc (Z)		0.06	-0.01	-0.01	0.02	-0.01	0.02	-0.01	-0.01	-0.01	-0.01	0.02	-0.01
RADIOMETRIC pCi/l:													
Uranium, natural	GPS (36)	0.745	37.0996	2.9	1.5	2.4	6.2	7	13.7	4.2	21.3	8.9	20.8
Radium 226		1	4.9	1.2	0.8	0.5	0.7	1.4	1.7	1	2.2	1.1	2.4
Radium Precision +/-		0.2	0.5	0.3	0.2	0.4	0.2	0.7	0.5	0.4	0.7	0.5	0.6
Radium 228		1.9	-1	-1	-1	-1	-1	-1	-1	-1	1.2	-1	2.8
Radium Precision +/-		1									0.8		0.9
Combined Ra226/228	GPS (5.8)	2.9	4.9	1.2	0.8	0.5	0.7	1.4	1.7	1	3.4	1.1	5.2
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
Thorium Precision +/-													
Lead (Pb210)	GPS (8.9)	-1	-2.7	-2.7	-2.7	-2.7	-1		-1	-1	-1	-1	-1
Lead Precision +/-													
Gross Alpha	GPS (15)	-1	4.6	1.5	-1	-1	1.5	1.9	4	1.3	2.1	1.2	2.8
Gross Alpha Precision +/-			1	1			1	1.4	1.8	0.8	0.8	0.4	0.5
QUALITY ASSURANCE DATA:													
TDS A/C Balance (dec. %)		1.03	1.05	0.91	0.99	0.87	1	1.05	0.92	0.97	0.99	0.86	1.09
(LAB: Energy Labs Inc. unless noted.)													

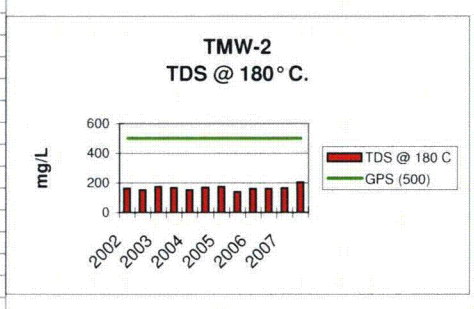




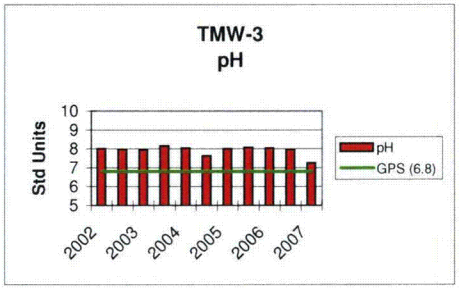


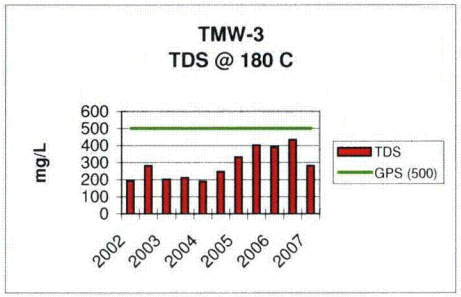
KENNECOTT URANIUM COMPANY														
TMW-2														
NORTHING: 147,133.96	Groundwater	2002		2003		2004		2005		2006		2007		
EASTING: 324,360.13	Protection													
ND = Non-detectable	Standard	01/14/02	07/11/02	01/13/03	07/01/03	01/06/04	07/13/04	01/04/05	07/12/05	01/16/06	08/10/06	02/11/07	07/18/07	
FIELD PARAMETERS:	(GPS)													
Temperature (C)	as of 5/26/05	8		8	8	8	13	11	13	7.5	14.2	10	11	
pH (Std. Units)		7.7		6.7	6.7	7.2	7.6	7.9	8.5	7.8	7.39	7.45	8.4	
Cond (umho/cm)		1240		240	260	280	200	260	180	230	252	255	248	
TDS														
MAJOR IONS mg/l:														
Alk-CaC03		87	84	88	87	89	84	84	88	88	88	92	90	
Bicarbonate (HCO3)		106	102	107	106	108	103	103	107	104	107	112	110	
Calcium (Ca)		21.4	18	23.3	21.7	26	22	18.7	21.3	24	26.8	29.9	24.8	
Carbonate (CO3)		-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	
Chloride (Cl)		2.6	-1	-1	5.9	1.2	4	2	2	3	6	3	2	
Fluoride (F)		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-0.1	0.2	0.2	0.2	
Magnesium (Mg)		1	-1	1.2	1	1.3	1	0.9	0.9	1.3	1.4	1.6	1.3	
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	
Potassium (K)		1.3	1.5	2.8	1.5	1.5	2	1.3	1.1	1.5	2	1.8	1.5	
Silica (SiO2)		13	11.9	11.5	12.8	13	12	13	12	13	13	14	13	
Sodium (Na)		33.5	37.4	34.1	34.5	32	33	35.6	34.2	31.6	32.6	35.4	34.4	
Sulfate (SO4)		41.4	38.3	41.4	42.4	46	42	39	45	44	47	55	46	
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	
PHYSICAL PROPERTIES:														
Cond (umho/cm)		265	254	280	272	283	265	256	277	270	293	282	268	
pH (s.u.)	GPS (6.8)	8	8.07	7.99	8.22	8.07	8	8.12	8.2	8.37	8.13	7.39	8.12	
TDS @ 180 C	GPS (500)	162	153	174	167	152	169	173	140	160	160	166	204	
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	
Arsenic (As)	GPS (.05)	0.002	0.002	0.002	0.002	0.001	0.001	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	-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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
Zinc (ZN)		0.05	-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)	0.406	-0.0003	0.5	0.6	1	1.4	0.3	0.6	0.3	0.4	0.4	0.3	
Radium 226		1.1	0.6	1.2	0.8	0.9	0.8	-0.2	0.6	-0.2	0.6	0.8	0.5	
Radium Precision +/-		0.2	0.2	0.2	0.2	0.4	0.2		0.3		0.3	0.5	0.3	
Radium 228		-1	-1	-1	-1	5.7	-1	-1	-1	-1	-1	-1	2.2	
Radium Precision +/-						1.2							0.9	
Combined Ra226/228	GPS (5.8)	1.1	0.6	1.2	0.8	6.6	0.8	0	0.6	0	0.6	0.8	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	-0.2	
Thorium Precision +/-														
Lead (Pb210)	GPS (8.9)	-1	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1	-1	
Lead Precision +/-														
Gross Alpha	GPS (15)	1.4	-1	1.4	-1	1.7	-1	-1	1.6	-1	1.2	-1	1.3	
Gross Alpha Precision +/-		1		1		1			1.5		0.6		0.4	
QUALITY ASSURANCE DATA:														
TDS A/C Balance (dec. %)		1.04	0.95	1.03	0.96	0.94	1.01	1.07	0.82	0.94	0.88	0.85	1.16	
(LAB: Energy Labs Inc. unless noted.)														



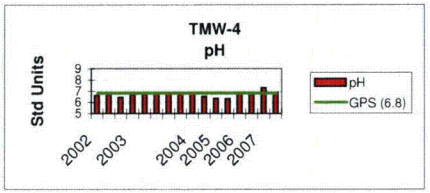


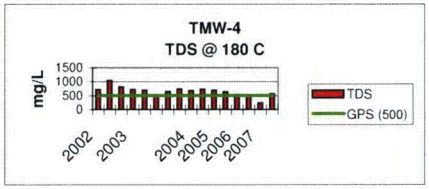
KENNECOTT URANIUM COMPANY													
TMW-3													
NORTHING: 145,984.03	Groundwater												
EASTING: 324,361.03	Protection	2002		2003		2004		2005		2006		2007	
ND = Non-detectable	Standard	01/14/02	07/11/02	01/13/03	07/01/03	01/06/04	07/13/04	01/04/05	07/12/05	01/12/06	08/15/06	02/11/07	07/22/07
FIELD DATA:	(GPS)												
Temperature (C)	as of 5/26/05	8	8	8	8	8	15	10	15	8.5	12.3	8.7	11
pH (Std. Units)		7.3	6.8	7.2	6.8	7.2	7.4	7.2	7.6	7.51	7.32	7.47	8
Cond (umho/cm)		280	380	260	340	360	280	480	380	440	629	407	477
TDS (mg/L)													
MAJOR IONS mg/l:													
Alk-CaCO3		88	94	88	89	89	90	96	107	103	100	98	100
Bicarbonate (HCO3)		107	115	107	109	108	110	117	130	125	122	120	120
Calcium (Ca)		27	48.6	28.4	33	32	41	57.2	85.5	77.7	91.3	57.6	62.7
Carbonate (CO3)		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		2.5	-1	-1	2.6	-1	6	4	4	6	6	5	4
Fluoride (F)		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-0.1	0.1	0.2	0.2
Magnesium (Mg)		1.7	3.4	1.8	2.1	1.9	3	4	7	6.8	7.6	4.1	5.3
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
Potassium (K)		1.4	2	2.8	1.7	1.5	2	1.9	2	2.3	2.4	2.2	2.1
Silica (SiO2)		13	12.3	10.9	12.7	13	12	13	13	14	15	14	12
Sodium (Na)		34	39.6	35.4	35.8	34	36	38.2	41.6	38.6	42.1	41.9	39.8
Sulfate (SO4)		60.4	114	61.3	76.7	67	96	134	208	189	226	137	154
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
PHYSICAL PROPERTIES:													
Cond (umho/cm)		304	437	404	348	332	384	481	657	593	690	445	493
pH (units)	GPS (6.8)	8	7.97	7.95	8.15	8.03	7.63	8	8.07	8.04	7.97	7.25	7.97
TDS (mg/L)	GPS (500)	193	282	202	212	188	248	333	402	390	434	282	304
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
Arsenic (As)	GPS (.05)	0.002	0.002	0.001	0.002	0.002	0.001	0.001	0.001	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
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
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
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
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
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
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
Iron (Fe)	GPS (0.6)	-0.1	0.093	-0.05	-0.05	-0.05	0.06	0.06	0.24	-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
Manganese (Mn)	GPS (0.2)	0.01	0.03	0.02	0.02	0.02	0.02	0.04	0.05	0.06	0.05	0.03	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
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
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
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
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
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
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
Zinc (ZN)		0.01	-0.01	-0.01	0.02	-0.01	0.02	0.01	-0.01	-0.01	-0.01	-0.01	0.01
RADIOMETRIC pCi/l:													
Uranium, natural	GPS (36)	2.166	-0.2	0.4	0.6	0.6	1.1	0.7	1.5	1.3	1.9	0.5	1
Radium 226		0.8	1	0.8	1.1	0.7	0.9	1	2.4	1.1	2.1	1.3	1.2
Radium Precision +/-		0.2	0.2	0.2	0.2	0.4	0.2	0.5	0.5	0.7	0.5	0.6	0.4
Radium 228		-1	-1	-1	-1	-1	-1	1.9	-1	-1	1.5	2.5	-1
Radium Precision +/-								1			0.7	0.9	
Combined Ra226/228	GPS (5.8)	0.8	1	0.8	1.1	0.7	0.9	2.9	2.4	1.1	3.6	3.8	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
Thorium Precision +/-													
Lead (Pb210)	GPS (8.9)	-1	-1	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1	-1
Lead Precision +/-													
Gross Alpha	GPS (15)	-1	-1	1.2	-1	2.6	1.7	-1	-1	2.4	1.5	-1	-1
Gross Alpha Precision +/-				1		1	1			1	1		
QUALITY ASSURANCE DATA:													
TDS A/C Balance (dec. %)		1.06	1.01	1.03	0.96	0.99	0.99	1.07	0.94	0.98	0.96	0.88	0.89
(LAB: Energy Labs Inc. unless noted.)													

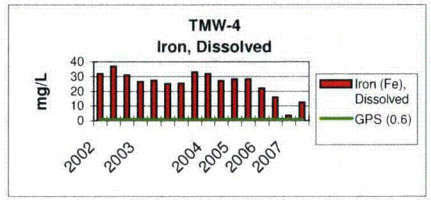


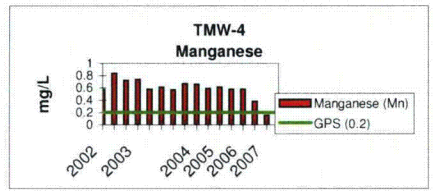


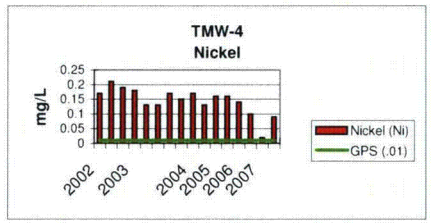
KENNECOTT URANIUM COMPANY																	
TMW-4																	
NORTHING: 147,141.81 EASTING: 323,176.55	Groundwater Protection	2002			2003					2004		2005		2006		2007	
ND = Non-detectable	Standard	1/14/02	7/16/02	10/10/02	1/1/03	3/10/03	5/13/03	7/1/03	9/17/03	1/6/04	7/19/04	1/4/05	7/12/05	1/12/06	7/25/06	2/11/07	7/17/07
FIELD PARAMETERS:	(GPS)																
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	12	10	14	8	18.8	9.9	12.1
Ph (Standard units)		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	6.65	7.2
Conductivity (umho/cm)		780	880	840	760	760	500	640	650	800	560	880	500	590	613	419	718
TDS (mg/l)																	
MAJOR IONS mg/l:																	
Alkalinity (CaCO3)		47	24	17	30	41	22	29	42	41	31	30	28	70	54	70	64
Bicarbonate (HCO3)		56.7	28.7	20.1	36	49.4	26.8	35.4	51.2	49.4	37	36	35	85	66	85	78
Calcium (Ca)		117	173	161	108	110	100	100	120	117	103	105	106	90.6	74.9	39.8	88.5
Carbonate (CO3)		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		5.4	8.7	13.1	3.9	4.9	6.5	5.1	8.1	1.9	7	6	4	5	4	5	5
Fluoride (F)		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	0.3	0.2
Magnesium (Mg)		24	32.5	29.3	22.5	24.2	21.6	22.8	25.7	26	22.8	24	25.9	21.8	16	6.7	18.3
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	-0.1	-0.1
Potassium (K)		2.9	3.7	4.4	4.3	3.1	3.4	3	3.2	3	2.8	3.1	3	3	1.8	3	2.7
Silica (SIO2)		16.8	18.7	19	15.7	16.7	15.2	16.4	17.5	17	16	18	18	17	16	12	14
Sodium (Na)		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	41.6	47
Sulfate (SO4)		450	700	555	448	398	387	390	436	434	388	410	435	347	287	140	318
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
PHYSICAL PROPERTIES:																	
Conductivity (umho/cm)		975	1220	1170	1010	922	868	845	944	968	913	864	956	789	693	441	776
pH (s.u.)	GPS (6.8)	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	7.31	6.89
TDS @ 180° C. mg/l	GPS (500)	716	1040	807	716	692	457	641	740	680	731	692	637	541	462	244	568
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)	0.002	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	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	0.11	-0.1	-0.1	0.12	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-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)		0.105	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	0.017	0.061
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)	32	36.9	31	26.4	27.3	25.2	25.4	33.1	32	27.2	28.1	28.3	22	15.9	3.57	12.5
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)	0.57	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	0.15	0.44
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)	0.17	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	0.02	0.09
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)		0.13	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	0.01	0.05
RADIOMETRIC pCi/l:																	
Uranium, natural	GPS (36)	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	2.9	5.2
Radium 226		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	-0.2	1.5
Radium Precision +/-		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		0.5
Radium 228		5.5	10	11.8	-1	4.8	3.1	-1	6.5	3.7	-1	3.4	2.6	1.8	6.3	1.3	2.3
Radium Precision +/-		1	1.6	1.2		1.1	1.2		1.3	1.2		1	1.1	1.1	0.9	0.9	0.9
Combined Ra226/228	GPS (5.8)	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	1.3	3.8
Thorium 230	GPS (7.0)	-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	-0.2	-0.2
Thorium Precision +/-							0.3										
Lead (Pb210)	GPS (8.9)	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1	-1
Lead Precision +/-																	
Gross Alpha	GPS (15)	2.4	5	2	1	3.9	1.2	-1	4.6	-1	4.6	3.1	5.6	2.3	-1	-1	2.1
Gross Alpha Precision +/-		1	1	1	0.4	1	1		1.2		1.6	1.6	2	1			0.5
QUALITY ASSURANCE DATA:																	
TDS A/C Balance (dec. %)		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	0.84	1.07
(LAB: Energy Labs Inc. unless noted.)																	

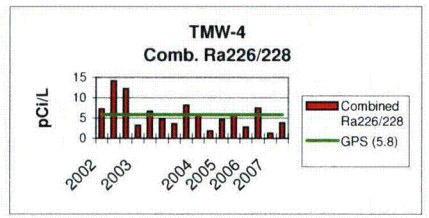




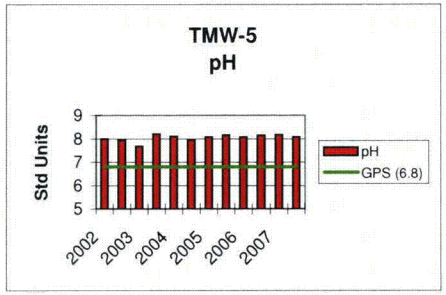


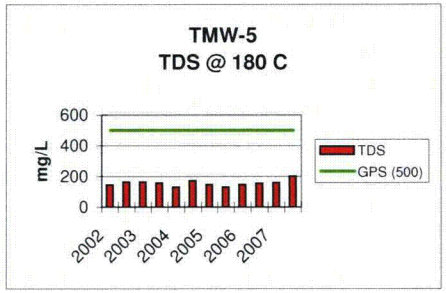




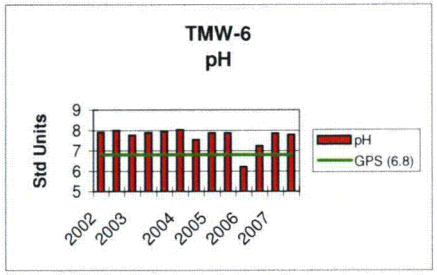


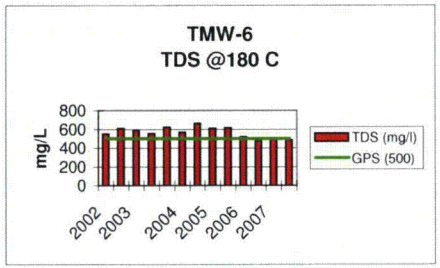
KENNECOTT URANIUM COMPANY													
TMW-5													
NORTHING: 149,053.50 EASTING: 328,102.80	Groundwater Protection	2002		2003		2004		2005		2006		2007	
ND=Non-detectable	Standard	1/15/02	7/16/02	1/20/03	7/1/03	1/6/04	7/19/04	1/10/05	7/12/05	1/16/06	8/15/06	2/11/07	7/18/07
FIELD DATA mg/l:	(GPS)												
Temperature (C)	as of 5/26/05	8	8	8	8	8	14	14	14	7.8	11.7	9.1	13
pH (Std. Units)		7.3	6.8	7.2	7.1	7.4	7.6	7.9	7.5	7.64	7.36	7.57	8.3
Cond (umho/cm)		240	220	240	240	340	180	260	160	220	236	238	244
TDS (mg/l)													
MAJOR IONS mg/l:													
Alk-CaCO3		88	87	87.5	87	88	84	90	83	92	88	89	94
Bicarbonate (HCO3)		107	106	107	106	107	103	109	101	113	107	109	115
Calcium (Ca)		20.4	19.8	21.3	21.9	22	21.6	23.9	20.3	23.5	24.2	25	25.9
Carbonate (CO3)		-1	-1	5.2	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		3	-1	5.7	7.2	3.9	3	-1	-1	2	2	2	2
Fluoride (F)		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-0.1	0.1	0.2	0.2
Magnesium (Mg)		-1	-1	1	1.1	1	1	1.2	1	1.2	1	1.2	1.3
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
Potassium (K)		1.3	1.4	2.7	1.6	1.4	1.3	1.5	1.1	1.5	1.4	1.6	1.5
Silica (SiO2)		13.7	13.4	12.9	13.4	14	13	13	13	14	15	13	13
Sodium (Na)		30.2	31.9	37.2	30.9	30	31.3	31.4	31	29.8	32.2	32.5	33.9
Sulfate ((SO4)		31.5	29.1	32.1	35.6	34	30	36	31	37	40	41	44
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
PHYSICAL PROPERTIES:													
Cond (umho/cm)		240	237	232	258	251	263	256	247	264	283	262	270
pH (units)	GPS (6.8)	8	7.94	7.67	8.2	8.1	7.95	8.08	8.16	8.08	8.15	8.17	8.07
TDS @ 180º C. (mg/l)	GPS (500)	145	164	163	157	131	171	146	130	146	156	160	202
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
Zinc (Zn)		-0.01	-0.01	-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)	0.2708	1.2186	1	0.4	0.5	1.5	0.5	0.5	0.4	0.3	0.3	0.4
Radium 226		0.9	0.7	0.8	1.1	0.7	1	0.8	0.6	-0.2	1.1	1.3	0.5
Radium Precision +/-		0.2	0.2	0.2	0.2	0.4	0.3	0.4	0.4		0.4	0.6	0.3
Radium 228		2.2	-1	-1	-1	2.2	-1	-1	-1	-1	1.5	2	-1
Radium Precision +/-		1				1.1					0.7	0.9	
Combined Ra226/228	GPS (5.8)	3.1	0.7	0.8	1.1	2.9	1	0.8	0.6	0	2.6	3.3	0.5
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-													
Lead (Pb210)	GPS (8.9)	-1	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	-1	-1	-1	-1
Lead Precision +/-													
Gross Alpha	GPS (15)	-1	-1	1.9	-1	-1	-1	-1	-1	-1	1.4	1.3	1.3
Gross Alpha Precision +/-				1							0.9	0.5	0.4
QUALITY ASSURANCE DATA:													
TDS A/C Balance (dec. %)		1.02	1.09	0.97	0.95	0.91	1.13	0.91	0.88	0.88	0.93	0.94	1.13
(LAB: Energy Labs Inc. unless noted.)													

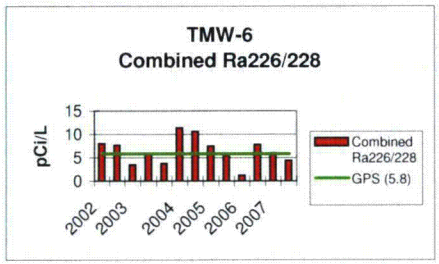




KENNECOTT URANIUM COMPANY														
TMW-6														
NORTHING: 145,356.25	Groundwater	2002		2003			2004		2005		2006		2007	
'EASTING: 327,464.50	Protection													
ND = Non-detectable	Standard	01/14/02	07/16/02	01/20/03	03/10/03	07/01/03	01/06/04	07/19/04	01/10/05	07/13/05	01/12/06	08/15/06	02/11/07	07/22/07
FIELD PARAMETERS:	(GPS)													
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	13	11	13	8.6	14.7	9.7	13
Ph (Standard units)		7.2	6.8	6.9	6.8	6.8	8.4	7.7	7.3	7.2	7.41	7.31	7.3	7.7
Conductivity (umho/cm)		840	660	700	700	880	820	500	780	480	560	718	730	736
TDS (mg/l)														
MAJOR IONS mg/l:														
Alkalinity (CaCO3)		146	152	150	156	149	152	150	154	150	142	146	119	140
Bicarbonate (HCO3)		178	185	182	190	182	185	183	188	183	174	179	145	170
Calcium (Ca)		118	134	125	125	133	137	140	142	138	116	116	118	116
Carbonate (CO3)		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		5.8	10.5	10.9	5	9.2	9.8	7	5	9	7	5	6	5
Fluoride (F)		0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	-0.1	0.1	0.2	0.2
Magnesium (Mg)		9.5	11.2	10.4	10	11.4	11	11.5	12.1	12	10.4	9.4	10.3	10.2
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
Potassium (K)		2.8	3.2	3.7	3.7	3.4	3	3	3.4	2.5	2.9	2.8	3	3
Silica (SIO2)		13.6	13.4	12.6	12.1	13.2	14	13	13	15	14	14	13	12
Sodium (Na)		38.7	41.9	43.9	39.4	40.6	39	41.8	41.4	42	39.6	39.3	39.9	42.1
Sulfate (SO4)		259	298	266	266	302	294	289	300	305	256	258	265	268
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
PHYSICAL PROPERTIES:														
Conductivity (umho/cm)		784	853	797	841	875	852	907	861	848	757	783	783	750
pH	GPS (6.8)	7.9	7.99	7.76	7.88	7.95	8.03	7.54	7.87	7.87	6.21	7.23	7.85	7.78
TDS @ 180° C. (mg/l)	GPS (500)	551	609	589	553	621	568	663	608	616	518	480	496	484
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
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
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
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
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
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
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
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
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
Iron (Fe), Dissolved	GPS (0.6)	0.237	-0.05	0.185	0.168	-0.05	0.18	0.12	-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
Manganese (Mn)	GPS (0.2)	0.07	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.07	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
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
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
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
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
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
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
Zinc (Z)		-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
RADIOMETRIC pCi/l:														
Uranium, natural	GPS (36)	2.0987	3.2496	2.8	2.5	3.6	2.4	3.3	3.7	3.3	2.8	2.4	2.5	2.5
Radium 226		2.9	3.2	3.5	5.1	3.8	3.5	3.2	3.1	3.3	1.2	3.6	2.3	2.6
Radium Precision +/-		0.3	0.3	0.4	0.4	0.4	0.7	0.5	0.7	0.7	1	0.6	0.7	0.6
Radium 228		5.1	4.5	-1	4.9	-1	7.9	7.4	4.4	2.2	-1	4.2	3.8	1.8
Radium Precision +/-		1	1.4		1.1		1.3	2.1	1	1.2		0.8	0.9	0.9
Combined Ra226/228	GPS (5.8)	8	7.7	3.5	6	3.8	11.4	10.6	7.5	5.5	1.2	7.8	6.1	4.4
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
Thorium Precision +/-														
Lead (Pb210)	GPS (8.9)	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-1	-1	-1	7.1	-1	-1	-1
Lead Precision +/-											3.2			
Gross Alpha	GPS (15)	4.2	2.3	4.8	6.6	3.3	3.7	4.6	2.6	4.2	3	2.2	2.9	3.4
Gross Alpha Precision +/-		1.2	1	1	1.2	1	1.2	1.6	1.2	1.5	1.1	1	0.7	0.6
QUALITY ASSURANCE DATA:														
TDS A/C Balance (dec. %)		1.05	1	1.04	0.99	1.02	0.97	1.11	1	1	0.97	0.9	0.94	0.89
(LAB: Energy Labs Inc. unless noted.)														

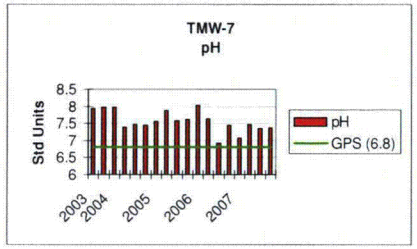


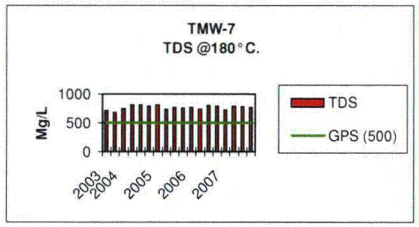


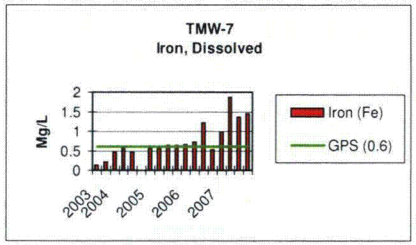


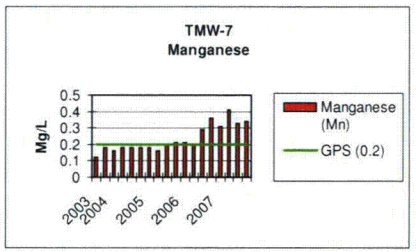
KENNECOTT URANIUM COMPANY																			
TMW-7																			
NORTHING: 149,339.65	Groundwater	**2003**		**2004**				**2005**				**2006**				**2007**			
EASTING: 325,014.01	Protection																		
ND = Non-detectable	Standard	8/26/03	10/20/03	1/5/04	4/5/04	7/12/04	10/7/04	1/5/05	4/6/05	7/11/05	11/7/05	1/11/06	4/10/06	7/3/06	10/5/06	1/10/07	4/11/07	7/22/07	10/1/07
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	9.4	9.4	12.8	12
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	6.98	7.04	7.1	7.1
Cond. (umho/cm)		700	780	940	800	860	680	1040	740	680	680	800	680	1021	1118	1089	1018	1012	952
TDS																			
MAJOR IONS mg/l:																			
Alk-CaCO3		169	157	169	178	169	167	171	173	169	170	175	171	166	168	167	179	170	169
Bicarbonate (HCO3)		206	192	206	217	206	203	208	211	206	207	214	209	203	205	204	218	210	206
Calcium (Ca)		142	150	176	192	182	188	173	180	180	156	171	178	171	180	170	183	166	150
Carbonate (CO3)		-1	-1	-1	-1	-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	26	30	24	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	0.1	0.2	-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	13.9	16.2	13.6	11.8
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
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	3.7	3.9	3.7	4
Silica (SiO2)		14.9	17.8	18	18.3	18	19	18	18	18	17	17	18	18	16	18	17	15	17
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	50.9	49.8	49.8	47.5
Sulfate (SO4)		360	342	364	404	396	395	371	366	377	340	364	369	386	383	366	405	375	336
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
PHYSICAL PROPERTIES:																			
Cond (umho/cm)		1000	969	1050	1120	1050	1070	1050	1040	1100	1070	1040	1030	1110	1100	1040	1150	1090	1120
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	7.07	7.46	7.35	7.37
TDS @ 180°C.	GPS (500)	711	679	741	811	806	787	807	728	762	753	764	734	798	790	720	790	780	766
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)	0.005	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	-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
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	-0.1	-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
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)		-0.001	-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
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	0.99	1.87	1.36	1.44
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)	0.12	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	0.31	0.41	0.33	0.34
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)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-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	-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 (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
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	-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	3.6	4.7	5.1	5.1
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	2.5	2	2.3	1.2
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	0.7	0.5	0.5	0.3
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	-1	2.9	4	5.9
Radium Precision +/-					1.5	1.5	1.1	1	1.3	0.9	1	1		0.8	1.1		0.9	1	0.9
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	2.5	4.9	6.3	7.1
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	-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	-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	1.7	5.4	2.5	3.5
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	0.5	0.9	0.5	0.9
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	0.96	0.97	1.04	1.1
(LAB: Energy Labs Inc. unless noted.)																			

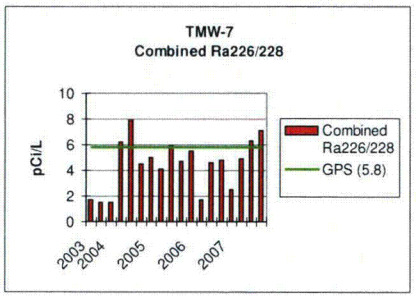
KENNECOTT URANIUM COMPANY	
TMW-7	
NORTHING: 149,339.65	Groundwater
EASTING: 325,014.01	Protection
ND = Non-detectable	Standard
FIELD DATA mg/l:	(GPS)
Temperature (C)	as of 5/26/05
pH (Std. Units)	
Cond. (umho/cm)	
TDS	
MAJOR IONS mg/l:	
Alk-CaCO3	
Bicarbonate (HCO3)	
Calcium (Ca)	
Carbonate (CO3)	
Chloride (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.)	



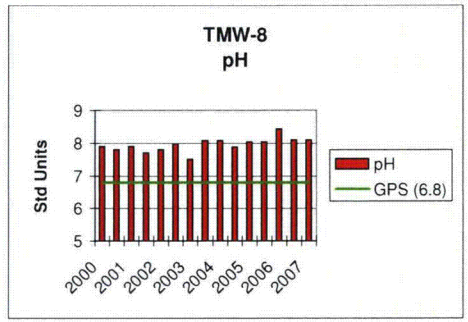


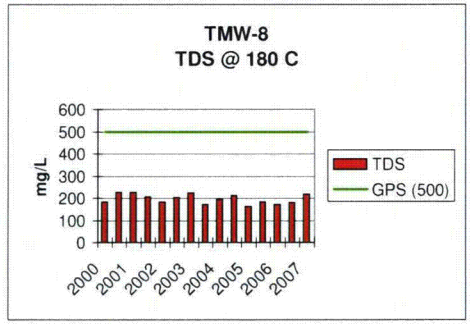


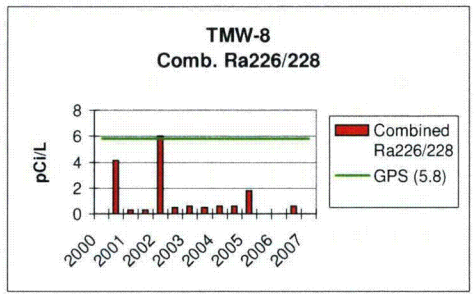




KENNECOTT URANIUM COMPANY																	
TMW-8																	
NORTHING: 148,912.15 EASTING: 324,561.80	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006		2007	
ND = Non-detectable	Standard	01/05/00	07/19/00	07/25/01	10/02/01	01/14/02	07/16/02	01/20/03	07/14/03	01/13/04	07/20/04	01/10/05	07/13/05	01/17/06	08/23/06	07/18/07	
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	12.4	
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	8.2	
Cond (umho/cm)		240	280	280	300	300	280	300	280	280	240	260	180	250	270	274	
TDS																	
MAJOR IONS mg/l:																	
Alk-CaC03		95	83	85	86	85	85	85	85	86	84	84	83	85	84	86	
Bicarbonate (HCO3)		116	101	103	104	103	103	103	103	104	102	103	101	101	102	105	
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	25	
Carbonate (CO3)		-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1	-1	
Chloride (Cl)		1	7.98	10.1	4.2	4.5	-1	6	-1	14.7	3	-1	4	3	3	2	
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	0.2	
Magnesium (Mg)		0.95	1	1.4	1	-1	1	1	-1	1.2	1	1	0.9	0.9	0.8	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	
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	1.5	
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	13	
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	38.7	
Sulfate (SO4)		68.1	66.7	58.8	58.3	63.6	64.1	63.3	58.8	81	56	53	52	51	56	57	
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	-0.005	
PHYSICAL PROPERTIES:																	
Cond (umho/cm)		323	322	312	313	312	309	302	316	312	335	290	280	282	310	287	
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	8.09	
TDS @ 180° C. (mg/L)	GPS (500)	182	225	225	205	183	203	223	170	194	213	161	182	170	180	218	
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)	0.002	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	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	
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)	0.19	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	-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	
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	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	-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	-0.001	-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 (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	-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	-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	0.3	
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	-0.2	
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	-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	0	
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	-1	-1	-1	-1	-2.7	-1	-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	-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	1.15	
(LAB: Energy Labs Inc. unless noted.)																	

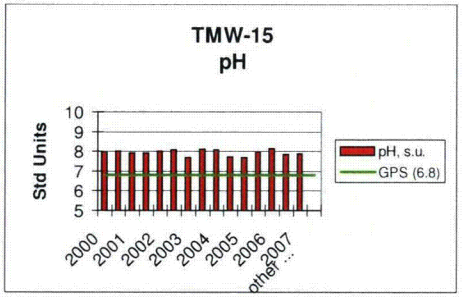


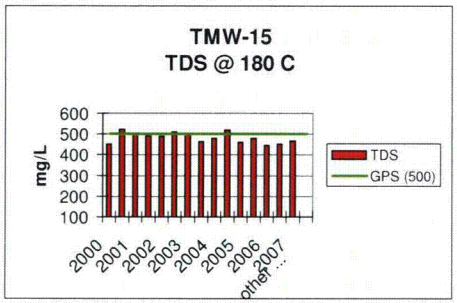


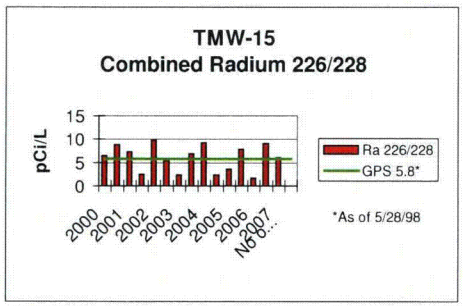


KENNECOTT URANIUM COMPANY																	
TMW-15																	
NORTHING: 147,910.39 EASTING: 325,006.29	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006		2007	No other sample
0 = ND or 0	Standard	01/05/00	07/19/00	07/25/01	10/02/01	01/15/02	07/29/02	01/20/03	07/14/03	01/12/04	07/19/04	01/11/05	07/14/05	01/16/06	07/25/06	07/22/07	taken
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	12	
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	7.8	
Cond. (umho/cm)		500	600	600	640	600	600	600	540	580	480	600	400	560	647	669	
TDS																	
MAJOR IONS mg/l:																	
Alkalinity (CaCO3)		112	126	128	129	128	127	126	125	123	121	121	123	128	122	120	
Bicarbonate (HCO3)		136	154	155	157	156	154	154	152	149	148	148	150	156	148	150	
Calcium (Ca)		102	105	100	103	104	98	98.6	100	104	108	106	105	98.8	102	104	
Carbonate (CO3)		-0.1	-0.1	-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	9	
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	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	8.6	
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	
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	3.1	
Silica (SiO2)		13.7	14.6	14	14.2	14.7	13	13	14	15	15	14	16	15	15	13	
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	38.4	
Sulfate (SO4)		224	223	207	211	233	219	209	220	221	216	222	227	217	230	237	
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	
PHYSICAL PROPERTIES:																	
Conductivity (umho/cm)		715	714	711	705	713	692	678	715	711	733	689	684	679	696	690	
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	7.89	
Solids, TDS @ 180°C	GPS (500)	450	521	504	490	488	510	502	463	480	519	460	478	444	450	466	
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)		-0.001	-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)	0.12	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	-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	
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	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	
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	-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	-0.001	-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 (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	
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	-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	1.5	
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	2.1	
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	0.5	
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	3.6	
Radium Precision +/-		0.2	0.2	1		1	1		1.7	1		1	1.3		0.9	1	
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	6.1	
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	
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	-1	
Lead Precision +/-																	
Gross Alpha minus Rn & U	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	1.8	
Gross Alpha Precision +/-				1	1	1	1	1	1	1.3	1.4	1	1.2	1	0.7	0.5	
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	0.95	
(LAB: Energy Labs Inc. unless noted.)																	

KENNECOTT URANIUM COMPANY	
TMW-15	
NORTHING: 147,910.39	Groundwater
EASTING: 325,006.29	Protection
0 = ND or 0	Standard
FIELD DATA mg/l:	(GPS)
Temperature (C)	as of 5/26/05
pH (Std. Units)	
Cond. (umho/cm)	
TDS	
MAJOR IONS mg/l:	
Alkalinity (CaCO3)	
Bicarbonate (HCO3)	
Calcium (Ca)	
Carbonate (CO3)	
Chloride (Cl)	
Fluoride (F)	
Magnesium (Mg)	
Nitrate (NO3-N)	
Potassium (K)	
Silica (SiO2)	
Sodium (Na)	
Sulfate (SO4)	
NON-METALS:	
Cyanide (CN) mg/L	
PHYSICAL PROPERTIES:	
Conductivity (umho/cm)	
pH, s.u.	GPS (6.8)
Solids, 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 (V)	
Zinc (Z)	
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 minus Rn & U	GPS (15)
Gross Alpha Precision +/-	
QUALITY ASSURANCE DATA:	
TDS A/C Balance (dec. %)	
(LAB: Energy Labs Inc. unless noted.)	

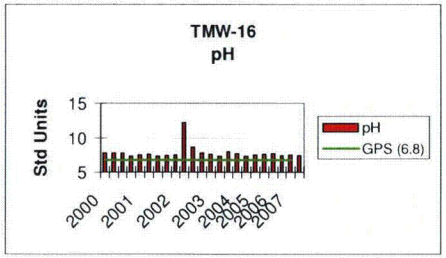


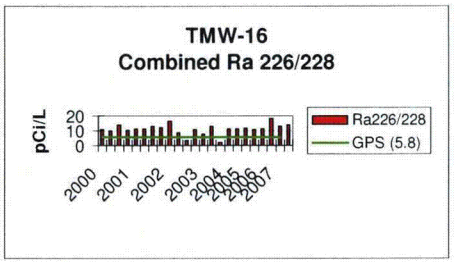


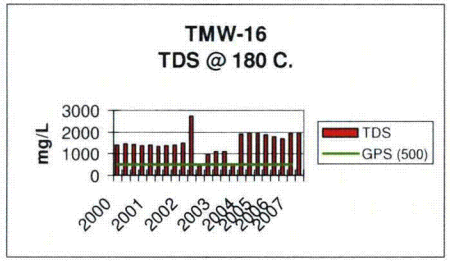


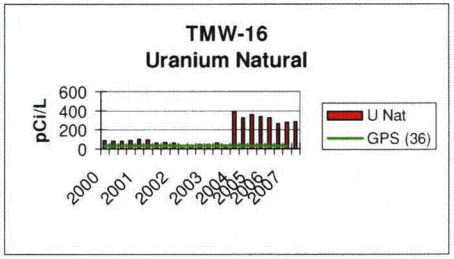
KENNECOTT URANIUM COMPANY																		
TMW-16																		
NORTHING: 149,397.99 EASTING: 325,023.08	Groundwater Protection	2000				2001				2002				2003			2004	
0 = Non Detectable or 0	Standard	01/04/00	04/04/00	07/12/00	10/03/00	01/10/01	04/03/01	07/02/01	10/02/01	01/08/02	04/08/02	07/31/02	10/03/02	01/07/03	04/07/03	07/14/03	01/12/04	07/20/04
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	13
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	6.7
Cond. (umho/cm)		1260	1140	1020	1380	1500	1400	1500	1380	1560	1480	580	1080	1080	1140	640	1340	1120
TDS																		
MAJOR IONS mg/l:																		
Alk-CaCO3		244	225	219	199	202	192	230	202	233	1670	93	178	196	181	117	182	178
Bicarbonate (HCO3)		297	273	267	242	246	234	280	246	284	7.1	108	217	239	221	143	222	218
Calcium (Ca)		279	313	281	277	303	283	279	290	334	49.3	46.3	195	226	221	115	374	370
Carbonate (CO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-1	-1	-1	-1	635	2.7	-1	-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	217
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	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	44
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
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	5.5
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	11
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	108
Sulfate (SO4)		681	786	601	585	744	649	621	630	804	550	196	478	512	531	262	932	935
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	-0.005
PHYSICAL PROPERTIES:																		
Cond (umho/cm)		1820	1850	1770	1720	1760	1680	1760	1760	1840	8780	648	1370	1470	1450	818	2330	2140
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	7.33
Solids, TDS @ 180°C	GPS (500)	1410	1470	1430	1360	1390	1340	1370	1390	1480	2720	443	970	1110	1100	539	1910	1970
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	-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	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	0.11	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-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	0.002	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	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	-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	0.39
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)	0.53	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	0.3
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	-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	-0.08
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	-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	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
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 (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
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	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	322
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	5.6
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	0.7
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	5.7
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	1.3
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	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	-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	-1
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	9.4
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	1.1
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	1.09
(LAB: Energy Labs Inc. unless noted.)																	TMW-16	

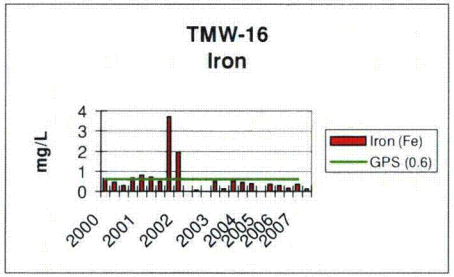
KENNECOTT URANIUM COMPANY							
TMW-16							
NORTHING: 149,397.99	Groundwater	2005		2006		2007	
EASTING: 325,023.08	Protection						
0 = Non Detectable or 0	Standard	01/11/05	07/14/05	01/17/06	08/22/06	01/10/07	07/22/07
FIELD DATA mg/l:	(GPS)						
Temperature (C)	as of 5/26/05	12	13	9.8	13.3	10.5	11.1
pH (Std. Units)		6.8	7.1	7.13	7.06	7.09	7.1
Cond. (umho/cm)		1820	960	1400	1900	234	249
TDS							
MAJOR IONS mg/l:							
Alk-CaCO3		193	177	192	186	206	220
Bicarbonate (HCO3)		236	216	235	227	251	260
Calcium (Ca)		422	382	377	356	403	419
Carbonate (CO3)		-1	-1	-1	-1	-1	-1
Chloride (Cl)		117	102	96	99	100	97
Fluoride (F)		0.1	-0.1	-0.1	0.1	-0.1	-0.1
Magnesium (Mg)		49.6	47.2	44.7	43.8	49.4	50.5
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		6.6	5.2	5.8	5.7	6.2	6
Silica (SiO2)		11	11	11	12	12	10
Sodium (Na)		94.6	94.7	86.9	86	94	104
Sulfate (SO4)		1040	1030	934	1010	1040	1100
NON-METALS:							
Cyanide (CN) mg/L		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:							
Cond (umho/cm)		2320	2210	2160	2220	2320	2330
pH (units)	GPS (6.8)	7.54	7.61	7.73	7.46	7.52	7.47
Solids, TDS @ 180°C	GPS (500)	1970	1880	1790	1700	1930	1950
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	0.002	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	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.002	0.002	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	0.34	0.29	0.17	0.36	0.12
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.34	0.28	0.27	0.28	0.32	0.28
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.08	-0.08	-0.08	-0.08	-0.08	-0.08
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	0.004	0.002	0.002	0.001	0.003	-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	0.02
RADIOMETRIC pCi/l:							
Uranium, natural	GPS (36)	354	334	324	261	274	283
Radium 226		4.6	4.5	4.3	4.9	7.7	5.1
Radium Precision +/-		0.8	0.8	1.2	0.7	1	0.8
Radium 228		7.2	6.4	7	13.3	5.5	8.6
Radium Precision +/-		1.1	1.4	1.2	1.4	1	1.1
Combined Ra226/228	GPS (5.8)	11.8	10.9	11.3	18.2	13.2	13.7
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 minus Rn & U	GPS (15)	5.6	5.8	4	9.1	5.3	7.2
Gross Alpha Precision +/-		1.5	1.7	1.4	1.9	0.8	0.8
QUALITY ASSURANCE DATA:							
TDS A/C Balance (dec. %)		1.06	1.06	1.07	0.98	1.05	1.02
(LAB: Energy Labs Inc. unless noted.)							

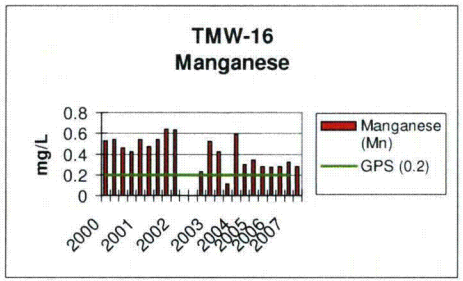


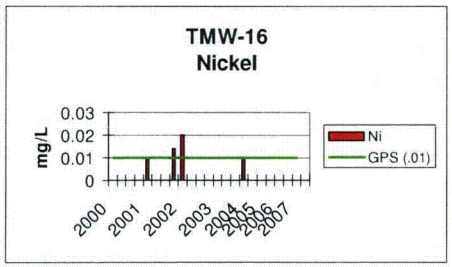








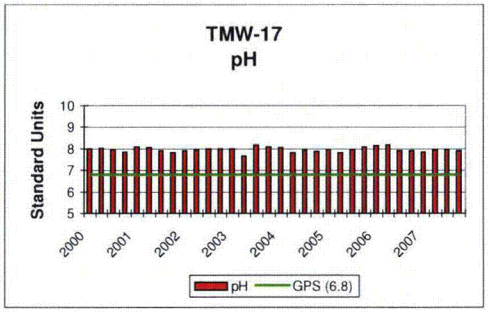


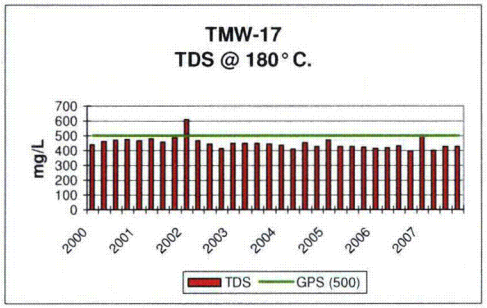


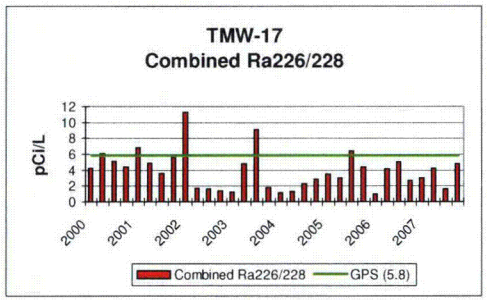
KENNECOTT URANIUM COMPANY																		
TMW-17																		
NORTHING: 149,602.14	Groundwater	2000				2001				2002				2003				2004
EASTING: 325,994.00	Protection																	
ND = Non-detectable	Standard	01/04/00	04/04/00	07/12/00	10/03/00	01/10/01	04/03/01	07/02/01	10/02/01	01/08/02	04/08/02	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				2007			
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	03/14/07	04/11/07	07/22/07	10/03/07
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	8.4	8.6	13.3	10
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	7.47	7.76	7.8	7.6
Conductivity (umho/cm)		560	560	420	620	500	400	440	510	440	612	593	707	543	594	558
TDS																
MAJOR IONS mg/l:																
Alkalinity (CaCO3)		115	114	111	115	117	114	110	112	116	110	120	130	110	120	119
Bicarbonate (HCO3)		141	138	136	141	142	139	134	137	142	134	146	159	134	140	145
Calcium (Ca)		95.6	93	98	90.9	96.9	93.7	82.9	88.4	92.9	87.6	90.5	103	88.4	84.6	75.6
Carbonate (CO3)		-1	-1	-1	-1	-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	12	8	8	10
Fluoride (F)		0.1	0.2	0.2	0.2	0.1	0.2	0.1	-0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1
Magnesium (Mg)		6	6	6.2	5.8	6	6	5.6	5.8	5.9	5.2	5.8	10.3	5.7	5.4	4.5
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
Potassium (K)		4.1	3	3	2.8	2.9	2.8	2.6	3	2.9	2.8	2.9	3	3	2.9	3.2
Silica (SIO2)		14.5	15	16	15	15	15	15	16	16	17	15	14	15	14	15
Sodium (Na)		37.5	39	40.7	37.4	38.9	38	34.9	36.2	34.8	36	38.4	41.8	37.6	38	34
Sulfate (SO4)		203	203	208	198	202	199	183	192	194	197	190	234	194	182	169
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:																
Conductivity (umho/cm)		651	630	620	641	645	657	639	627	617	626	616	74	632	613	604
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	7.85	7.94	7.96	7.91
TDS @ 180°C.	GPS (500)	409	452	427	469	426	428	422	414	418	430	394	494	402	426	428
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)		-0.001	-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), 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	0.25	0.09	0.05	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	-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	0.13	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	-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	-0.001	-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 (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
Zinc (Z)		0.01	-0.01	-0.01	-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)	4.6	4.8	4.3	4.6	4.4	4.5	4.7	5	5.3	4.8	4.6	22	4.9	5.3	4.8
Radium 226		1.3	2.3	0.9	1.3	0.9	1.7	1.7	1	1.2	0.8	1.1	3	1.2	1.6	0.9
Radium Precision +/-		0.4	0.5	0.4	0.7	0.4	0.5	0.5	0.7	0.4	0.3	0.4	0.8	0.4	0.4	0.3
Radium 228		-1	-1	1.9	2.2	2.1	4.7	2.7	-1	2.9	4.2	1.6	-1	3	-1	3.9
Radium Precision +/-				1	1.6	1.3	0.9	1		0.9	0.8	1		0.9		0.9
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	3	4.2	1.6	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	-0.2
Thorium Precision +/-																
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-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	2.4	4.7	1.6	2.7
Gross Alpha Precision +/-		1.1	1	1	1.3	2.3	1.7	1.1	0.9	0.8	1	0.6	0.6	0.9	0.5	0.8
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	1	0.96	1.05	1.11
(LAB: Energy Labs Inc. unless noted.)																

KENNECOTT URANIUM COMPANY	
TMW-17	
NORTHING: 149,602.14	Groundwater
EASTING: 325,994.00	Protection
ND = Non-detectable	Standard
FIELD PARAMETERS:	(GPS)
Temperature (C)	as of 5/26/05
Ph (Standard units)	
Conductivity (umho/cm)	
TDS	
MAJOR IONS mg/l:	
Alkalinity (CaCO3)	
Bicarbonate (HCO3)	
Calcium (Ca)	
Carbonate (CO3)	
Chloride (Cl)	
Fluoride (F)	
Magnesium (Mg)	
Nitrate (NO3-N)	
Potassium (K)	
Silica (SIO2)	
Sodium (Na)	
Sulfate (SO4)	
NON-METALS:	
Cyanide (CN)	
PHYSICAL PROPERTIES:	
Conductivity (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), Dissolved	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 (V)	
Zinc (Z)	
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.)	

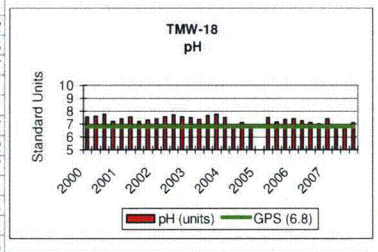


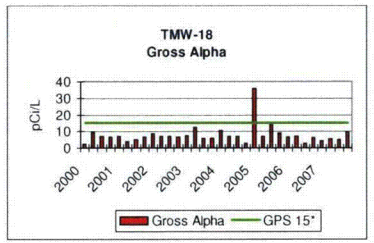


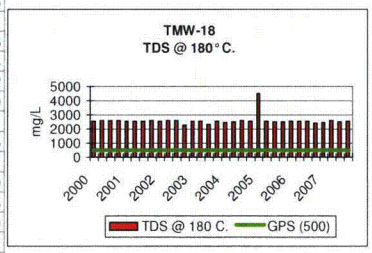


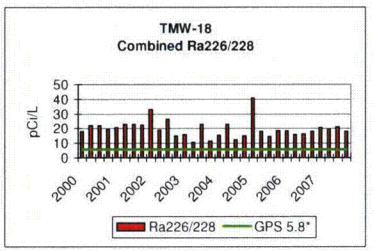
KENNECOTT URANIUM COMPANY																					
TMW-18																					
NORTHING: 148,922.42 EASTING: 225,018.57	Groundwater Protection	2000				2001				2002				2003				2004			
ND = Non-detectable	Standard	01/04/00	04/04/00	07/12/00	10/03/00	01/10/01	04/03/01	07/02/01	10/02/01	01/08/02	04/08/02	07/10/02	10/03/02	01/07/03	04/07/03	07/09/03	10/16/03	01/05/04	04/05/04	07/12/04	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	8	8	8	8	8	10	6	10	15	10
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	6.1
Cond. (umho/cm)		1960	1580	1420	2800	2200	2400	2400	2000	2600	1840	1860	1700	1800	1760	1400	1360	1680	1420	2500	1400
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	447
Bicarbonate (HCO3)		590	602	598	599	594	573	590	589	576	582	580	573	575	559	548	565	591	566	558	545
Calcium (Ca)		695	618	551	640	643	716	718	610	625	669	622	620	656	524	498	617	693	651	639	637
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)		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	82
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	-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	47.9
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	-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	6.9
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	24
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	107
Sulfate (SO4)		1360	1290	993	1480	1190	1380	1390	1100	1340	1230	1220	1140	1300	1160	1080	1220	1350	1240	1260	1280
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	-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	3360
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	6.89
TDS @ 180 C.	GPS (500)	2530	2570	2590	2570	2550	2550	2540	2590	2550	2570	2580	2270	2550	2550	2300	2540	2440	2490	2570	2560
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	-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	0.03	-0.01	-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	-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)	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	5.17
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)	0.91	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	1.18
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	-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	0.02	-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	-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	0.004
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)		0.02	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	-0.01
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	1.1
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	2.3
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	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	12.4
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	1.4
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	14.7
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	-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	-1	-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	2.9
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	1.1
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	1.04
(LAB: Energy Labs Inc. unless noted.)																					

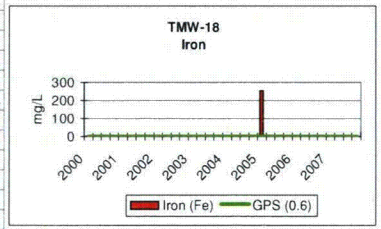
KENNECOTT URANIUM COMPANY													
TMW-18													
NORTHING: 148,922.42 EASTING: 225,018.57	Groundwater Protection	2005				2006				2007			
ND = Non-detectable	Standard	01/10/05	4/6/2005	7/11/2005	11/8/2005	01/11/06	4/10/2006	7/3/2006	10/5/2006	01/25/07	4/4/2007	7/22/2007	10/1/2007
FIELD DATA mg/l:	(GPS)												
Temperature (C)	as of 5/26/05	13	11	14	8.7	8.7	9.5	13.3	10.9	6.6	9.5	13.1	12
pH (Std. Units)		4.6	6.1	6.2	6.53	6.6	6.83	6.56	6.49	6.41	6.83	6.7	6.6
Cond. (umho/cm)		4800	1600	1420	1470	1750	1580	304	300	303	304	310	297
TDS		*											
MAJOR IONS mg/l:													
Alk-CaCO3		5	467	463	458	470	475	444	459	468	467	460	477
Bicarbonate (HCO3)		6	569	565	558	573	580	541	560	571	570	570	582
Calcium (Ca)		1160	629	597	632	607	665	593	596	615	622	626	577
Carbonate (CO3)		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		1920	85	83	82	75	102	96	81	84	93	82	93
Fluoride (F)		0.8	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.1	-0.1	-0.1	-0.1
Magnesium (Mg)		86.5	47.6	48.3	51	44	52	46.9	48.1	47.3	46.8	46.8	45.6
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
Potassium (K)		11.1	6.8	6.7	7.1	6.5	7.1	7.4	6.9	7.3	7.7	6.9	8
Silica (SiO2)		61	23	24	24	21	25	25	22	22	24	20	24
Sodium (Na)		100	104	100	101	94.2	92.2	94	101	96.6	99.2	100	102
Sulfate (SO4)		1240	1260	1260	1240	1120	1340	1280	1240	1240	1260	1300	1240
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
PHYSICAL PROPERTIES:													
Cond (umho/cm)		6950	2860	2880	2900	2900	2900	2960	2950	2910	3000	2920	3090
pH (units)	GPS (6.8)	4.96	7.51	7.15	7.37	7.39	7.23	7.09	7.01	7.39	6.92	6.89	7.08
TDS @ 180 C.	GPS (500)	4510	2530	2520	2510	2540	2530	2540	2430	2470	2570	2520	2540
METALS-DISSOLVED mg/l:													
Aluminum (Al)	GPS (1.8)	15	-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)	0.004	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
Beryllium (Be)	GPS (.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
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
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
Chromium (Cr)	GPS (.05)	0.13	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		0.026	-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
Iron (Fe)	GPS (0.6)	253	6.77	6.95	7.44	6.56	8.21	6.03	7.38	7.09	8.13	6.84	8.19
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
Manganese (Mn)	GPS (0.2)	4.72	1.13	1.14	1.29	1.17	1.3	1.2	1.24	1.24	1.3	1.32	1.4
Mercury (Hg)		0.0003	-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
Nickel (Ni)	GPS (.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
Selenium (Se)	GPS (.01)	0.008	0.003	0.001	0.001	0.001	0.002	0.001	0.002	0.002	0.002	0.002	0.002
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
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
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
Zinc (ZN)		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)	3.4	0.9	1	1.1	1	0.9	0.9	1	0.9	1	1	1.2
Radium 226		10.5	3.3	5.6	5.3	3.3	2.7	1.7	2.9	6.3	3.6	5.2	2.2
Radium Precision +/-		1.1	0.7	0.8	0.7	0.7	0.6	0.4	0.6	0.7	0.6	0.7	0.5
Radium 228		30.3	14.8	8.9	13.3	15	13.1	14.6	14.9	14.3	15.9	15.7	15.8
Radium Precision +/-		1.5	1.6	1	1.2	1.2	1.1	1	1.4	1.1	1.1	1.3	1.1
Combined Ra226/228	GPS (5.8)	40.8	18.1	14.5	18.6	18.3	15.8	16.3	17.8	20.6	19.7	20.9	18
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
Thorium Precision +/-													
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Lead Precision +/-													
Gross Alpha	GPS (15)	35.6	7.1	14.2	9.1	6.6	7.1	2.6	6.3	4.1	5.4	5	9.7
Gross Alpha Precision +/-		3.4	2.3	2.8	1.9	1.3	2.3	1.1	0.9	0.8	0.9	0.7	1.2
QUALITY ASSURANCE DATA:													
TDS A/C Balance (dec. %)		0.98	1.04	1.05	1.04	1.13	0.98	1.05	1.03	1.03	1.06	1.02	1.07
(LAB: Energy Labs Inc. unless noted.)	*Possible acid still in formation.												

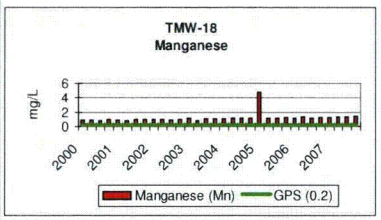


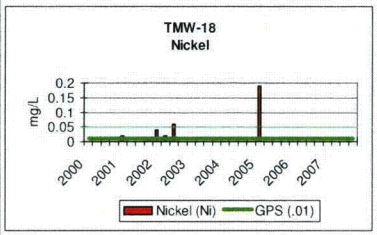




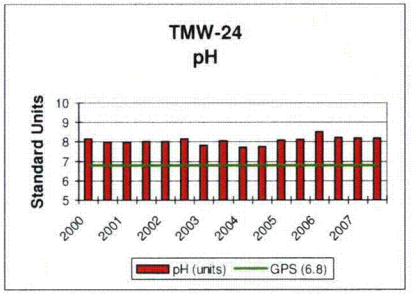


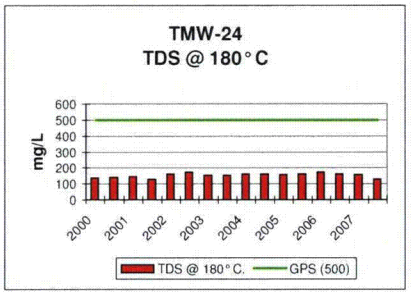






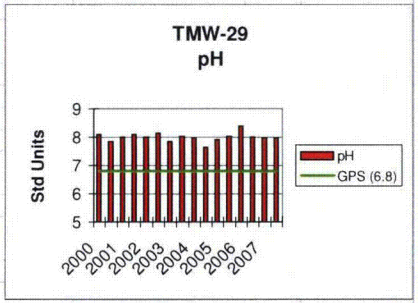
KENNECOTT URANIUM COMPANY																	
TMW-24																	
NORTHING: 150,307.90 EASTING: 325,992.24	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006		2007	
ND = Non-detectable	Standard	02/01/00	08/01/00	02/20/01	08/09/01	02/05/02	08/05/02	02/04/03	08/04/03	02/03/04	08/02/04	02/01/05	08/03/05	02/08/06	08/22/06	02/15/07	08/17/07
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	9.7	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	7.24	7.8
Cond (umho/cm)		194	240	240	260	240	260	240	240	220	200	240	180	195	226	218	218
TDS																	
MAJOR IONS mg/l:																	
Alk-CaC03		85	84	85	86	85	85	85	83	85.6	83	82	85	88	86	80	90
Bicarbonate (HCO3)		104	102	104	104	104	104	103	101	104	101	100	103	104	105	98	110
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	22.4	23.4
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1	-1	-1
Chloride (Cl)		2.9	3	-1	2.9	-1	11	1.6	-1	-1	-1	3	2	2	3	2	2
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	0.3	0.3
Magnesium (Mg)		1	1	1.1	1.1	1	1	1.1	1	1.1	1	1	1	1.1	0.9	1.1	1.1
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	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	1.6	1.5
Silica (SiO2)		12.9	13	13.3	13	12	12.2	12.8	30.6	14	13	13	13	14	14	13	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	30.6	31
Sulfate (SO4)		34.6	32.9	34.9	32	33.4	31.1	34.2	-0.1	38.2	31	33	33	32	37	37	36
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)		247	246	247	249	243	243	244	251	253	240	245	245	243	266	242	220
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	8.18	8.18
TDS @ 180° C.	GPS (500)	136	139	144	127	161	175	153	154	163	162	158	160	174	160	156	130
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	0.002	0.001	0.0016	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.002	-0.001	0.001	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	0.26	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-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	-0.01	-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	-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	-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	-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	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	-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	-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	-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 (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	-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	-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	0.5	0.3
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	1.3	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	0.5	0.4
Radium 228		2.4	1.8	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2.6	-1	-1
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	1.3	0.9
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	-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	-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	-1	1.1
Gross Alpha Precision +/-							1				1	1			0.9		0.6
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	0.99	0.8
(LAB: Energy Labs Inc. unless noted.)																	

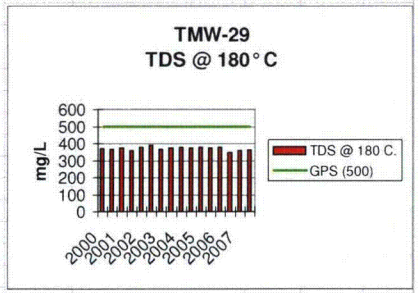




KENNECOTT URANIUM COMPANY																	
TMW-29																	
NORTHING: 150,108.27 EASTING: 326,786.49	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006		2007	
ND = Non-detectable	Standard	02/01/00	08/01/00	02/20/01	08/09/01	02/05/02	08/05/02	02/04/03	08/04/03	2/3/2004	08/02/04	2/1/2005	08/03/05	2/8/2006	08/16/06	2/15/2007	08/16/07
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	9.4	9.9
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	7.12	7.6
Cond. (umho/cm)		420	520	360	520	500	540	560	460	460	400	520	340	430	519	525	509
TDS																	
MAJOR IONS mg/l:																	
Alk-CaCO3		117	113	116	116	116	116	115	112	115	110	112	114	115	114	113	120
Bicarbonate (HCO3)		142	138	141	141	142	142	140	137	140	134	137	140	137	139	138	146
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	78.6	82.3
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1	-1	-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	7	6
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	0.2	0.2
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	5.3	5.4
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	-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	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	14	14
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	35.1	35.4
Sulfate (SO4)		159	162	161	140	152	148	154	-0.1	167	140	156	145	148	159	165	165
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)		575	570	571	566	548	544	555	564	568	550	554	553	545	583	553	550
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	7.97	7.97
TDS @ 180 C.	GPS (500)	371	366	372	360	379	389	367	372	378	372	376	372	378	346	360	362
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	-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)	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	-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	-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	0.06	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	-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 (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	0.04	-0.01	0.03	0.04	-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)	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	5.4	6.7
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	1.2	0.7
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	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	-1	-1
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	1.2	0.7
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	-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	-1	-1	-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	1.3	1.9
Gross Alpha Precision +/-		1.4				1	1.2		1	1	1.6	1.4	1.1	1.2		0.6	0.7
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	0.96	0.95
(LAB: Energy Labs Inc. unless noted.)																	

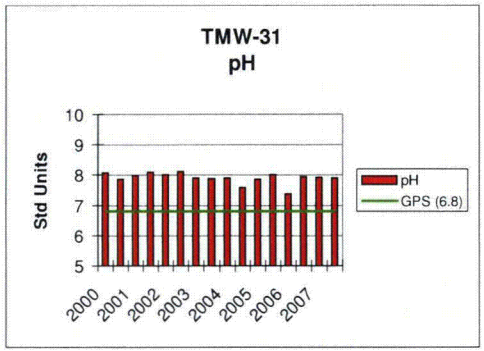
KENNECOTT URANIUM COMPANY	
TMW-29	
NORTHING: 150,108.27	Groundwater
EASTING: 326,786.49	Protection
ND = Non-detectable	Standard
FIELD DATA mg/l:	(GPS)
Temperature (C)	as of 5/26/05
pH (Std. Units)	
Cond. (umho/cm)	
TDS	
MAJOR IONS mg/l:	
Alk-CaCO3	
Bicarbonate (HCO3)	
Calcium (Ca)	
Carbonate (CO3)	
Chloride (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.)	

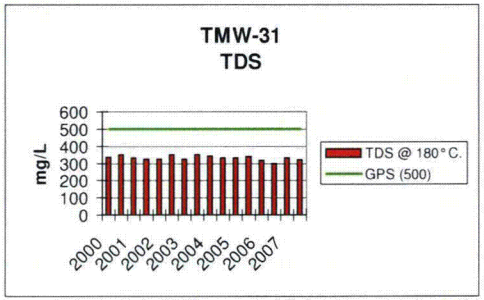


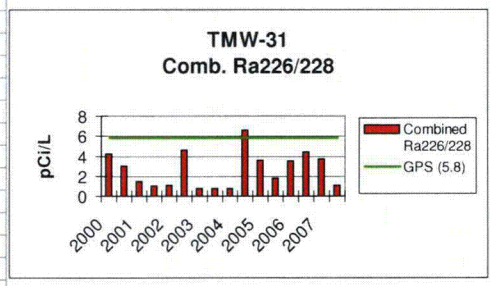


KENNECOTT URANIUM COMPANY																	
TMW-31																	
NORTHING: 149,901.61 EASTING: 327,194.15	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006		2007	
ND = Non-detectable	Standard	02/07/00	08/01/00	02/20/01	08/09/01	02/05/02	08/05/02	02/04/03	08/04/03	02/03/04	08/02/04	02/01/05	08/03/05	02/07/06	08/16/06	02/15/07	08/16/07
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	9.4	10.1
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	7.01	7.6
Cond. (umho/cm)		340	480	320	480	460	500	460	420	460	360	480	280	400	443	479	457
TDS																	
MAJOR IONS mg/l:																	
Alk-CaCO3		116	113	113	114	110	114	114	111	113	109	110	112	112	110	109	119
Bicarbonate (HCO3)		141	138	138	138	134	138	139	135	138	133	134	137	137	134	133	145
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	70.9	73.3
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-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	7	5
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	0.3	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	5.6	5.6
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	-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	2.8	2.5
Silica (SiO2)		13.3	13.7	13.9	13	12.7	13.1	13.4	30.3	15	14	14	14	15	15	14	14
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	29.9	29.9
Sulfate (SO4)		146	146	141	120	131	135	138	-0.1	145	121	131	128	126	136	142	137
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)		538	536	524	525	499	503	508	518	519	507	501	509	495	528	504	489
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	7.92	7.9
TDS @ 180° C.	GPS (500)	336	350	331	325	324	349	326	349	343	333	332	340	318	298	330	320
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	0.0013	-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)	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	-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)	0.04	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	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	-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 (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	0.04	-0.01	0.04	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)	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	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	1.6	1.1
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	0.5	0.4
Radium 228		3.5	2.1	-1	-1	-1	2.1	-1	-1	-1	5.6	2	-1	2.5	2.9	2.1	-1
Radium Precision +/-		0.2	0.1				1				1.7	0.9		0.9	0.8	1.5	
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	3.7	1.1
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	-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	-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	1.5	2.4
Gross Alpha Precision +/-		1.6				1	1.1		1	1	1.1	1.3	1	1.2	0.9	0.6	0.7
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	0.98	0.94
(LAB: Energy Labs Inc. unless noted.)																	

KENNECOTT URANIUM COMPANY	
TMW-31	
NORTHING: 149,901.61	Groundwater
EASTING: 327,194.15	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.)	

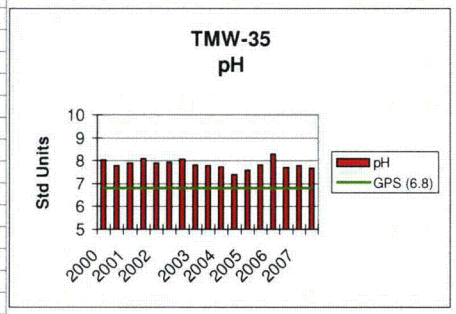


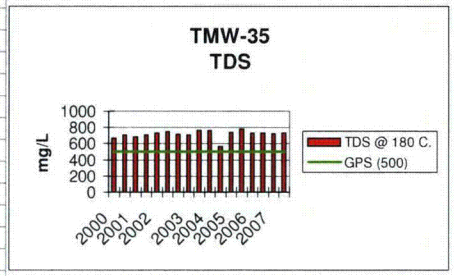


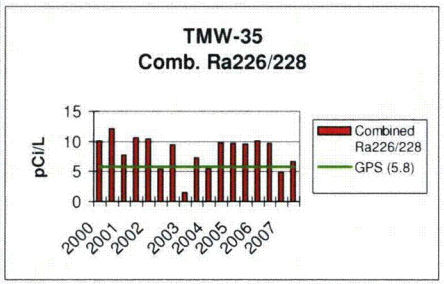


KENNECOTT URANIUM COMPANY																		
TMW-35																		
NORTHING: 149,509.35 EASTING: 327,198.92	Groundwater Protection	2000		2001		2002			2003		2004		2005		2006		2007	
ND = Non-detectable	Standard	02/07/00	08/01/00	02/20/01	08/09/01	02/05/02	07/22/02	08/05/02	02/04/03	08/04/03	02/03/04	08/03/04	02/01/05	08/03/05	02/06/06	08/16/06	02/12/07	08/16/07
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	10.1	10.5
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	7.52	7.3
Cond. (umho/cm)		620	780	560	800	800	760	800	760	740	700	580	900	540	760	980	1003	861
TDS																		
MAJOR IONS mg/l:																		
Alk-CaCO3		143	142	144	146	146	145	145	146	143	147	143	144	146	148	146	146	150
Bicarbonate (HCO3)		174	173	176	178	178	177	177	178	174	179	175	176	178	180	178	178	183
Calcium (Ca)		136	154	159	160	166	146	151	159	167	182	159	168	162	162	175	166	175
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-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	7	7
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	0.2	0.2
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	19	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	-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	3.8	3.6
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	14	15
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	38.3	38.3
Sulfate (SO4)		330	362	362	330	373	367	376	373	-0.1	427	360	388	384	376	431	414	409
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:																		
Cond (umho/cm)		927	968	967	989	973	961	965	987	1010	1030	607	998	1020	1000	1090	1030	1020
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	7.78	7.67
TDS @ 180 C.	GPS (500)	663	707	679	704	727	747	712	703	759	760	565	737	776	730	730	724	728
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)		0.003	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	0.001	0.001
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	-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	0.26	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	-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	0.12	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	-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	0.011	0.01	-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	-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 (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
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	-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	6.2	6.4
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	1.2	2.1
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	0.6	0.5
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	3.7	4.5
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	0.9	1
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	4.9	6.6
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	-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	-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	2.7	4.8
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	0.7	0.9
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	0.96	0.96
(LAB: Energy Labs Inc. unless noted.)																		

KENNECOTT URANIUM COMPANY	
TMW-35	
NORTHING: 149,509.35	Groundwater
EASTING: 327,198.92	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.)	

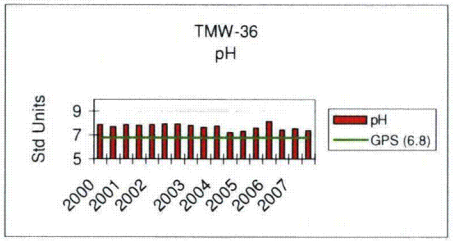


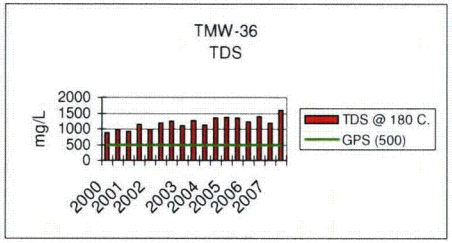


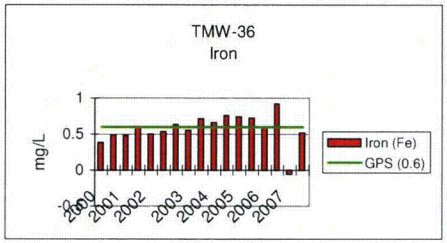


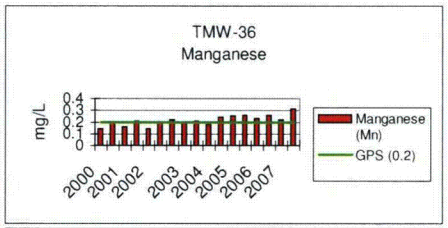
KENNECOTT URANIUM COMPANY																
TMW-36																
NORTHING: 149,108.62	Groundwater	2000		2001		2002			2003		2004		2005		2006	
EASTING: 327,007.02	Protection															
ND = Non-detectable	Standard	02/07/00	08/01/00	02/20/01	08/14/01	02/05/02	07/22/02	08/05/02	02/04/03	08/04/03	02/03/04	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.)																

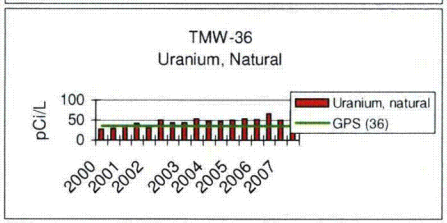
KENNECOTT URANIUM COMPANY			
TMW-36			
NORTHING: 149,108.62 EASTING: 327,007.02	Groundwater Protection	2007	
ND = Non-detectable	Standard	02/12/07	08/16/07
FIELD DATA mg/l:	(GPS)		
Temperature (C)	as of 5/26/05	21.7	9.9
pH (Std. Units)		7.13	6.9
Cond. (umho/cm)		1427	1671
TDS			
MAJOR IONS mg/l:			
Alk-CaCO3		160	185
Bicarbonate (HCO3)		195	226
Calcium (Ca)		262	376
Carbonate (CO3)		-1	-1
Chloride (Cl)		12	11
Fluoride (F)		0.2	0.2
Magnesium (Mg)		38.3	53
Nitrate-N (NO3)		-0.1	-0.1
Potassium (K)		4.9	5.1
Silica (SiO2)		13	12
Sodium (Na)		43.3	47.1
Sulfate (SO4)		723	962
NON-METALS:			
Cyanide (CN)		-0.005	-0.005
PHYSICAL PROPERTIES:			
Cond (umho/cm)		1510	1940
pH	GPS (6.8)	7.57	7.41
TDS @ 180 C.	GPS (500)	1180	1600
TRACE METALS mg/l:			
Aluminum (Al)	GPS (1.8)	-0.1	-0.1
Arsenic (As)	GPS (.05)	-0.001	-0.001
Barium (Ba)		-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01
Boron (B)		-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01
Cobalt (Co)		0.001	0.001
Copper (Cu)		-0.01	-0.01
Iron (Fe)	GPS (0.6)	-0.05	0.52
Lead (Pb)		-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.22	0.31
Mercury (Hg)		-0.0002	-0.0002
Molybdenum (Mo)		0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001
Silver (Ag)		-0.01	0.01
Thallium (Tl)		-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1
Zinc (ZN)		-0.01	-0.01
RADIOMETRIC pCi/l:			
Uranium, natural	GPS (36)	50.5	72.5
Radium 226		2.6	3.4
Radium Precision +/-		0.8	0.6
Radium 228		5.8	10.9
Radium Precision +/-		1	1.1
Combined Ra226/228	GPS (5.8)	8.4	14.3
Thorium 230	GPS (7.0)	-0.2	-0.2
Thorium Precision +/-			
Lead (Pb210)	GPS (8.9)	-1	-1
Lead Precision +/-			
Gross Alpha	GPS (15)	3.2	8.3
Gross Alpha Precision +/-		0.7	1.2
QUALITY ASSURANCE DATA:			
TDS A/C Balance (dec. %)		0.99	1.01
(LAB: Energy Labs Inc. unless noted.)			

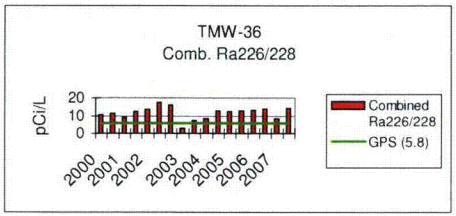






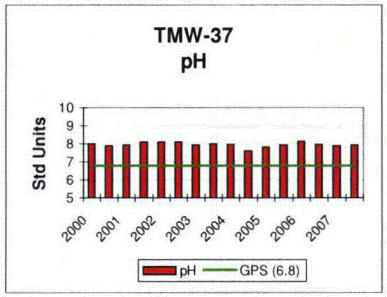


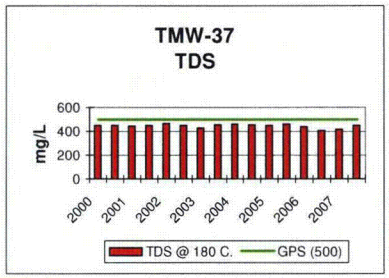


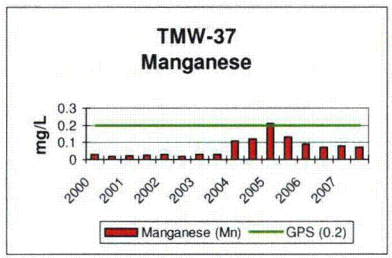


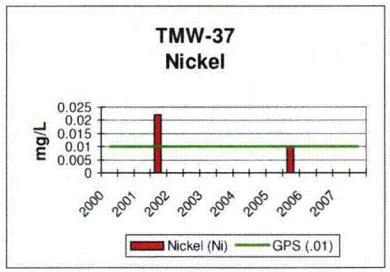
KENNECOTT URANIUM COMPANY																	
TMW-37																	
NORTHING: 148,455.68 EASTING: 326,999.77	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006		2007	
ND = Non-detectable	Standard	02/02/00	08/01/00	02/20/01	08/14/01	02/05/02	08/06/02	02/04/03	08/04/03	02/04/04	08/02/04	02/01/05	08/03/05	02/02/06	08/16/06	02/12/07	08/16/07
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	17.9	9.9
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	7.6	7.2
Cond. (umho/cm)		540	600	440	780	580	600	580	500	500	460	600	700	500	609	658	616
TDS																	
MAJOR IONS mg/l:																	
Alk-CaCO3		133	129	128	129	132	127	130	124	126	126	122	130	130	124	132	134
Bicarbonate (HCO3)		161	157	156	157	160	154	158	151	154	154	149	159	159	151	160	163
Calcium (Ca)		93.9	98.5	100	96	104	93.7	94.5	101	107	96	97.3	95.8	95.9	94.1	102	99.9
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-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	7	6
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	0.2	0.2
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	8.8	8.6
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	-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	3.6	3.3
Silica (SiO2)		8.6	9.1	8.8	9	8.8	8	8.5	35.7	9.5	10	9	10	10	11	10	10
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	36.8	35.8
Sulfate (SO4)		208	204	208	200	205	209	202	-0.1	223	192	195	195	198	203	219	207
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)		682	671	676	670	667	658	675	669	681	666	645	670	650	682	674	654
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	7.91	7.92
TDS @ 180 C.	GPS (500)	450	449	443	451	465	450	429	456	458	454	450	459	436	406	418	448
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)	0.015	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	0.04	0.043
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	0.02	-0.01	-0.01	-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	-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	-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	-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)	0.03	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	0.08	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	-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	0.022	-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 (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	0.011	-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)	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	6	5.6
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	1.4	4.5
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	0.6	0.4
Radium 228		5.1	2.7	-1	2.9	5.4	-1	-1	-1	-1	2.4	1.8	-1	-1	1.3	3.2	-1
Radium Precision +/-		0.6	0.2		1	1.7					1.6	0.9			0.7	0.9	
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	4.6	4.5
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	-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	-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	2.1	2.9
Gross Alpha Precision +/-		1.4	1		1		1		1	1	1.8	1.4	1.1	1	0.9	0.6	0.8
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	0.9	0.99
(LAB: Energy Labs Inc. unless noted.)																	

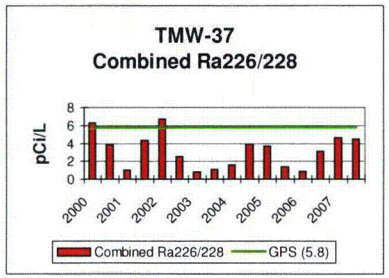
KENNECOTT URANIUM COMPANY	
TMW-37	
NORTHING: 148,455.68	Groundwater
EASTING: 326,999.77	Protection
ND = Non-detectable	Standard
FIELD DATA mg/l:	(GPS)
Temperature (C)	as of 5/26/05
pH (Std. Units)	
Cond. (umho/cm)	
TDS	
MAJOR IONS mg/l:	
Alk-CaCO3	
Bicarbonate (HCO3)	
Calcium (Ca)	
Carbonate (CO3)	
Chloride (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.)	





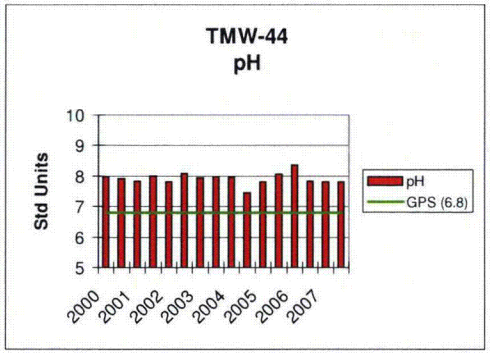


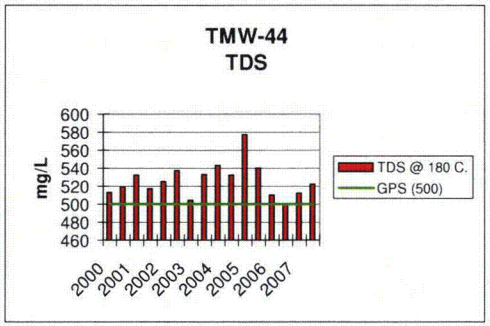


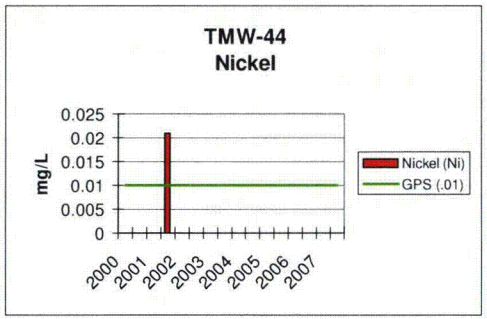


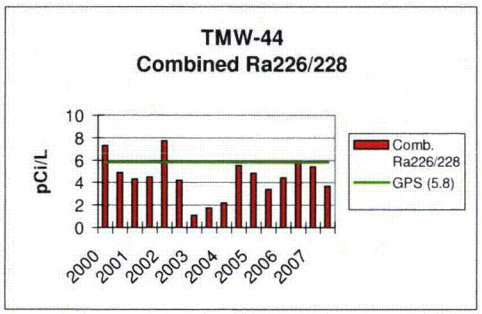
KENNECOTT URANIUM COMPANY																
TMW-44																
NORTHING: 147,612.17 EASTING: 325,588.96	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006		2007
ND = Non-detectable	Standard	02/07/00	08/02/00	02/20/01	08/14/01	02/11/02	08/06/02	02/06/03	08/05/03	02/04/04	08/03/04	02/02/05	08/04/05	02/06/06	08/23/06	02/20/07
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	10.2
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	7.09
Cond (umho/cm)		560	480	460	680	640	660	600	600	620	500	600	440	600	730	714
TDS																
MAJOR IONS mg/L:																
Alk-CaC03		127	124	126	126	126	129	128	128	126	125	122	120	128	124	122
Bicarbonate (HCO3)		155	151	153	153	154	157	156	156	154	152	149	146	152	152	149
Calcium (Ca)		105	111	116	110	117	110	111	117	119	109	119	117	113	112	117
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1	-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	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	0.3
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	10.5
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
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	3.4
Silica (SiO2)		13.7	14.3	14.4	14	13.3	13.9	13.8	14	15.6	14	15	15	15	16	14
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	40.4
Sulfate (SO4)		243	252	256	240	247	258	251	274	277	233	255	252	252	272	280
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)		751	746	762	743	739	753	762	767	761	736	765	779	747	790	755
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	7.81
TDS @ 180 C.	GPS (500)	513	519	532	517	525	537	504	533	543	532	577	540	510	500	512
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)		-0.001	-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	-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)	0.16	-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	-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	-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	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	-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	-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	-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	-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 (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
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	-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	2.1
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	1.6
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	0.4
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	3.8
Radium Precision +/-		0.6	0.2	1.2	1	1.6					1	0.9	1	0.9	1.2	0.9
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	5.4
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	-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	-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	2.4
Gross Alpha Precision +/-		1.7	1		1.2		1.2		1	1	1.2	1.6	1.2	1.3	1.1	0.7
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	0.93
(LAB: Energy Labs Inc. unless noted.)																

KENNECOTT URANIUM COMPANY		
TMW-44		
NORTHING: 147,612.17 EASTING: 325,588.96	Groundwater Protection	
ND = Non-detectable	Standard	08/16/07
FIELD DATA mg/L:	(GPS)	
Temperature (C)	as of 5/26/05	10.2
pH (Std. Units)		7.5
Cond (umho/cm)		707
TDS		
MAJOR IONS mg/L:		
Alk-CaC03		132
Bicarbonate (HCO3)		161
Calcium (Ca)		113
Carbonate (CO3)		-1
Chloride (Cl)		8
Fluoride (F)		0.3
Magnesium (Mg)		9.9
Nitrate-N (NO3)		-0.1
Potassium (K)		2.9
Silica (SiO2)		15
Sodium (Na)		38.6
Sulfate (SO4)		254
NON-METALS:		
Cyanide (CN)		-0.005
PHYSICAL PROPERTIES:		
Cond. (umho/cm)		756
pH	GPS (6.8)	7.8
TDS @ 180 C.	GPS (500)	522
METALS-DISSOLVED 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)		-0.1
Cadmium (Cd)	GPS (.01)	-0.005
Chromium (Cr)	GPS (.05)	-0.01
Cobalt (Co)		-0.01
Copper (Cu)		-0.01
Iron (Fe)	GPS (0.6)	-0.05
Lead (Pb)		-0.01
Manganese (Mn)	GPS (0.2)	0.08
Mercury (Hg)		-0.0002
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 (V)		-0.1
Zinc (Zn)		-0.01
RADIOMETRIC pCi/l:		
Uranium, natural	GPS (36)	1.8
Radium 226		1.3
Radium Precision +/-		0.4
Radium 228		2.4
Radium Precision +/-		0.9
Comb. Ra226/228	GPS (5.8)	3.7
Thorium 230	GPS (7.0)	-0.2
Thorium Precision +/-		
Lead (Pb210)	GPS (8.9)	-1
Lead Precision +/-		
Gross Alpha	GPS (15)	2.8
Gross Alpha Precision +/-		0.8
QUALITY ASSURANCE DATA:		
TDS A/C Balance (dec. %)		1
(LAB: Energy Labs Inc. unless noted.)		



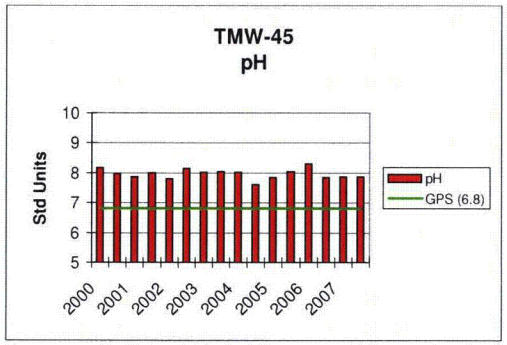


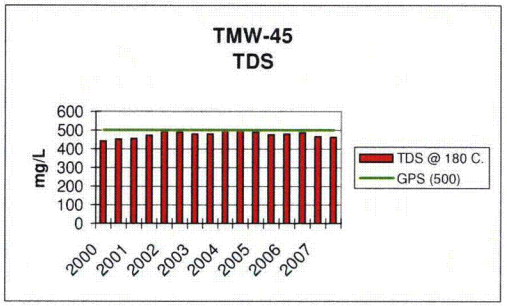


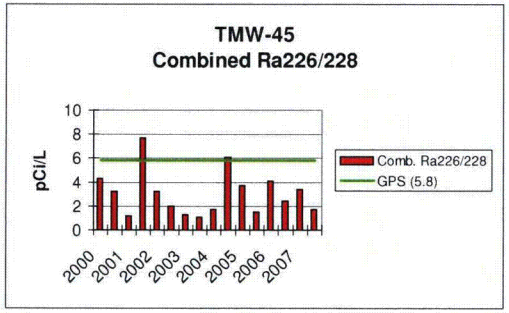


KENNECOTT URANIUM COMPANY																	
TMW-45																	
NORTHING: 147,619.66 EASTING: 326,196.14	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006		2007	
ND = Non-detectable	Standard	02/07/00	08/02/00	02/20/01	08/02/01	02/11/02	08/06/02	02/06/03	08/05/03	02/04/04	08/03/04	02/02/05	08/04/05	02/02/06	08/10/06	02/20/07	08/16/07
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	10.5	10
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	7.28	7.5
Cond (umho/cm)		480	400	400	600	580	580	580	580	640	480	640	380	500	650	667	634
TDS																	
MAJOR IONS mg/l:																	
Alk-CaCO3		137	135	132	137	137	138	137	137	137	133	131	129	140	136	138	143
Bicarbonate (HCO3)		167	164	161	166	166	168	167	167	167	163	160	158	168	166	168	174
Calcium (Ca)		97.2	101	103	97.5	109	99.7	101	107	114	102	106	107	104	105	113	108
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1	-1	-1
Chloride (Cl)		5.8	11	1	8	11	6.3	8.3	-1	6.7	5	7	7	7	8	7	6
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	0.3	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	8.7	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	-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	2.8	3
Silica (SiO2)		14.6	14.7	14.7	14.3	13.8	14.3	14	14.4	16.3	15	15	15	16	16	18	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	40.3	37.9
Sulfate (SO4)		203	204	207	190	210	214	207	232	246	198	213	210	216	225	241	223
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)		667	680	681	679	685	683	694	708	723	671	694	707	693	729	705	689
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	7.87	7.87
TDS @ 180 C.	GPS (500)	443	452	455	474	494	489	479	481	500	495	489	476	478	486	466	462
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	-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)	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	-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)	0.1	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	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	-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	0.002	-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	-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	0.03	-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	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	1.4	1.4
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	1.4	1.7
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	0.4	0.5
Radium 228		3.3	1.8	-1	2.6	1.9	-1	-1	-1	-1	4	2.4	-1	1.7	1.1	2	-1
Radium Precision +/-		0.2	0.1		1	1.5					1.4	0.9		1.2	0.8	0.9	
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	3.4	1.7
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	-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	-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	1.5	3.4
Gross Alpha Precision +/-					1.2		1.2		1	1	1.1	1.2	1.3	0.8	0.8	0.6	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	0.91	0.95
(LAB: Energy Labs Inc. unless noted.)																	

KENNECOTT URANIUM COMPANY	
TMW-45	
NORTHING: 147,619.66 EASTING: 326,196.14	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:	
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.)	

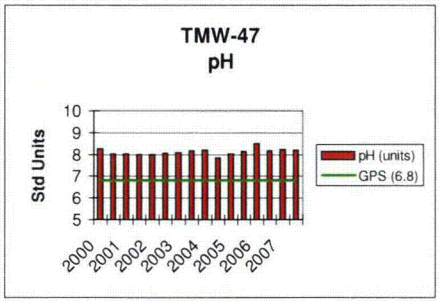


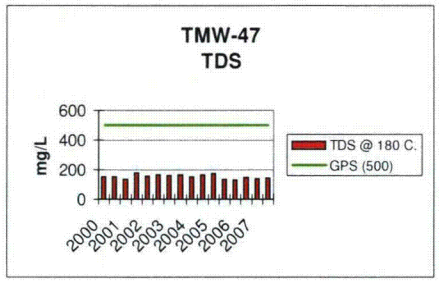


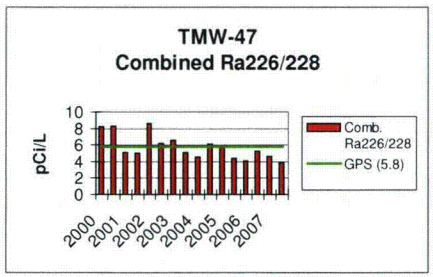


KENNECOTT URANIUM COMPANY																	
TMW-47																	
NORTHING: 147,310.10	Groundwater	2000		2001		2002		2003		2004		2005		2006		2007	
EASTING: 326,491.24	Protection																
ND = Non-detectable	Standard	02/07/00	08/02/00	02/22/01	08/02/01	02/05/02	08/21/02	02/06/03	08/05/03	02/10/04	08/03/04	02/02/05	08/04/05	02/02/06	08/22/06	02/20/07	08/17/07
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	11.6	9
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	7.48	7.8
Cond (umho/cm)		200	180	160	240	240	260	240	240	260	200	260	160	194	200	219	219
TDS																	
MAJOR IONS mg/l:																	
Alk-CaC03		86	84	85	87	86	86	87	84	86.7	83	84	81	85	85	80	89
Bicarbonate (HCO3)		105	103	104	106	104	105	106	102	106	101	103	99	101	104	98	108
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	21.3	21.7
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1	-1	-1
Chloride (Cl)		-0.1	2.9	-1	5.1	6.5	-1	5	-1	-1	-1	2	3	3	2	2	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	0.3	0.3
Magnesium (Mg)		0.9	0.9	1	0.9	-1	-1	-1	-1	-1	0.9	0.9	0.9	0.9	0.7	0.9	0.9
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	-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	1.1	1.3
Silica (SiO2)		12.9	13	13.8	12.9	12.4	13.5	12.3	13.1	13.9	13	13	14	13	15	15	14
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	35.1	33.3
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	39	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	-0.005	-0.005
PHYSICAL PROPERTIES:																	
Cond (umho/cm)		257	256	257	252	250	251	255	259	259	251	254	254	243	265	246	223
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	8.23	8.19
TDS @ 180 C.	GPS (500)	151	151	133	179	158	166	159	167	154	164	172	136	130	150	138	144
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	0.002	0.002	0.002	0.001	0.001	0.002	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	-0.01	-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	-0.1	0.052	-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	-0.03	-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	0.01	0.02	0.01	-0.01	0.02	0.04	0.02	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	-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	-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	-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 (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	-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	-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	0.4	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	4.6	3.8
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	0.7	0.7
Radium 228		2.7	3.2	-1	-1	3.6	-1	-1	-1	-1	-1	3.3	-1	-1	-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	4.6	3.8
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	-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	-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	3.7	7.3
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	0.8	1.1
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	0.85	0.88
(LAB: Energy Labs Inc. unless noted.)																	

KENNECOTT URANIUM COMPANY	
TMW-47	
NORTHING: 147,310.10 EASTING: 326,491.24	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-CaC03	
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 (units)	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 (V205)	
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.)	

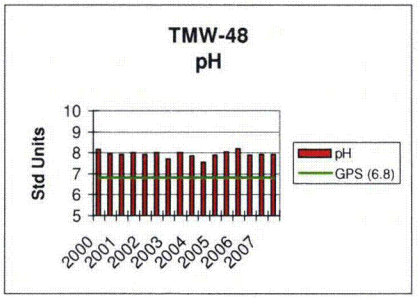


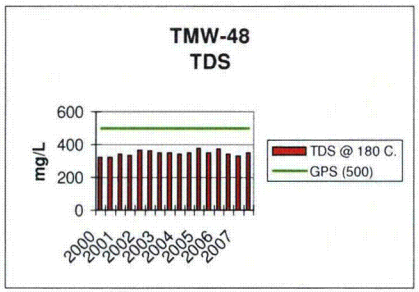


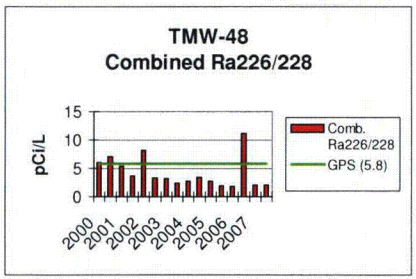


KENNECOTT URANIUM COMPANY																	
TMW-48																	
NORTHING: 147,312.58 EASTING: 326,482.99	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006		2007	
ND = Non-detectable	Standard	2/3/00	8/2/00	2/22/01	8/2/01	2/5/02	8/21/02	2/6/03	8/5/03	2/10/04	8/3/04	2/2/05	8/4/05	2/2/06	8/22/06	2/21/07	8/16/07
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	10.1	9.9
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	7.14	7.5
Cond (umho/cm)		380	340	320	460	480	480	520	460	480	380	500	300	420	500	513	492
TDS																	
MAJOR IONS mg/l:																	
Alk-CaC03		111	107	109	107	109	109	110	112	111	108	109	106	115	112	110	117
Bicarbonate (HCO3)		135	130	132	130	133	133	134	136	135	132	133	129	140	136	134	142
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	81	80.4
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-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	5	5
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	0.3	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	5.3	5.2
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	-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	2.4	2.6
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	17	15
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	34.1	32.8
Sulfate (SO4)		138	141	149	125	144	138	141	158	150	136	147	141	169	160	166	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	-0.005	-0.005
PHYSICAL PROPERTIES:																	
Cond (umho/cm)		514	511	520	502	510	511	523	529	540	508	529	534	570	561	539	526
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	7.92	7.9
TDS @ 180 C.	GPS (500)	323	320	340	333	366	359	348	349	340	348	377	350	374	340	328	350
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)	-0.01	-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	-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	-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)	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	-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	-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	0.04	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
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	-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	-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 (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	-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	-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	0.4	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	2.1	2.1
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	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	-1	-1
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	2.1	2.1
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	-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	-1	-1
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	2.9	2.3
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	0.7	0.7
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	0.87	0.94
(LAB: Energy Labs Inc. unless noted.)																	

KENNECOTT URANIUM COMPANY	
TMW-48	
NORTHING: 147,312.58	Groundwater
EASTING: 326,482.99	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-CaC03	
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 (TI)	
Vanadium (V205)	
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.)	



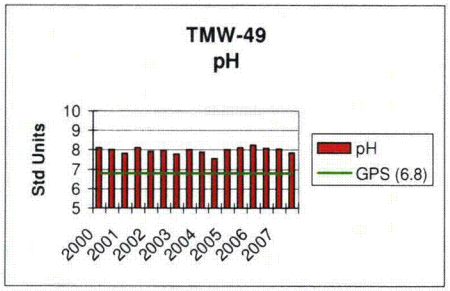


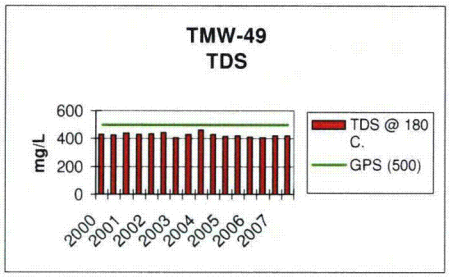


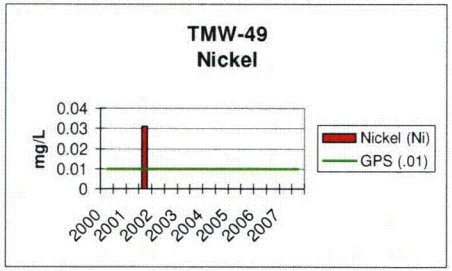
KENNECOTT URANIUM COMPANY																	
TMW-49																	
NORTHING:147,708.93 EASTING:324,836.10	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006		2007	
ND = Non-detectable	Standard	03/08/00	09/06/00	03/21/01	09/04/01	03/06/02	09/04/02	03/05/03	09/15/03	3/9/2004	9/15/2004	3/1/2005	12/17/2005	3/2/2006	9/5/2006	2/27/2007	9/17/2007
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	8.8	10
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	8.13	7.1
Cond. (umho/cm)		460	480	380	780	580	580	580	500	460	420	440	440	450	572	597	586
TDS																	
MAJOR IONS mg/l:																	
Alk - CaCO3		109	109	108	110	110	111	110	110	110	108	107	108	118	115	107	112
Bicarbonate (HCO3)		132	132	132	134	134	135	134	134	134	132	131	131	143	140	131	136
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	92.9	89.7
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-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	9	7
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	0.2	0.2
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	4.9	4.9
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	-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	3.3	2.9
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	16	14
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	40.5	38.4
Sulfate (SO4)		198	203	206	186	217	197	182	-0.1	204	203	198	207	194	200	215	221
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)		637	627	632	629	627	612	626	660	637	613	649	635	620	669	639	630
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	8.04	7.84
TDS @ 180 C.	GPS (500)	427	424	437	427	433	445	404	429	461	431	417	419	412	406	420	420
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	0.002	-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	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-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	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-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	-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)	0.04	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	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	-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	0.031	-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	0.002	-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
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	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	-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	0.4	0.5
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	1.6	1
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	0.5	0.3
Radium 228		5	2.5	4.4	-1	7.1	-1	2.9	1.4	-1	-1	-1	-1	-1	-1	1.7	2.5
Radium Precision +/-		0.5	0.1	1		1		1	1							0.9	0.9
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	3.3	3.5
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-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	-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	1.3	1.9
Gross Alpha Precision +/-		1.3		1.5	1	2.1	1.2	1	1	1	1	1.7		0.8	0.4	0.4	0.6
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	0.98	0.94
(LAB: Energy Labs Inc. unless noted.)																	

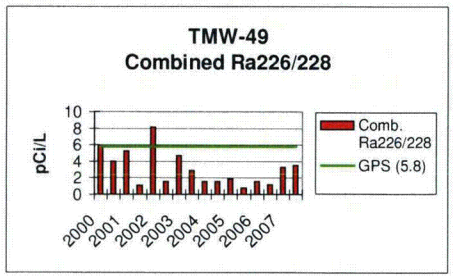
Red = Revised

KENNECOTT URANIUM COMPANY	
TMW-49	
NORTHING:147,708.93 EASTING:324,836.10	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 +/-	
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.)	



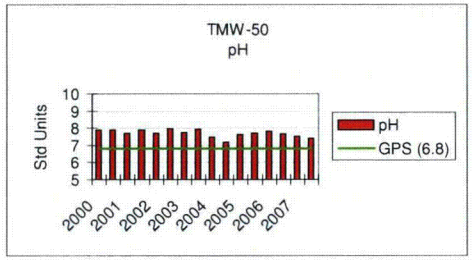


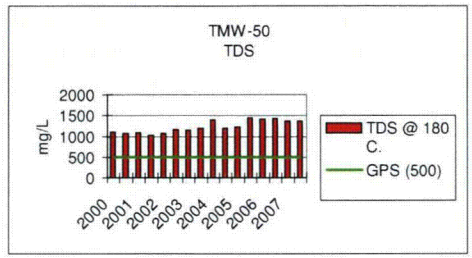


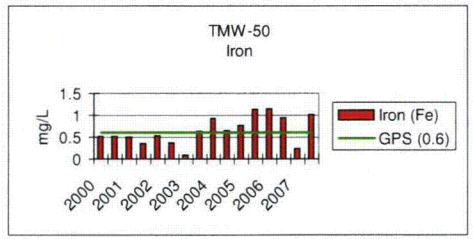


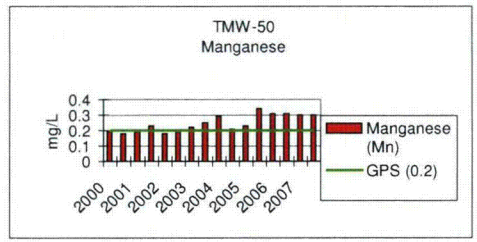
KENNECOTT URANIUM COMPANY																	
TMW-50																	
NORTHING: 148,198.81 EASTING: 324,697.71	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006		2007	
ND = Non-detectable	Standard	3/8/00	9/6/00	3/21/01	9/4/01	3/6/02	9/4/02	3/5/03	9/15/03	3/9/04	9/15/04	3/1/04	12/16/05	3/2/06	9/5/06	2/27/07	9/12/07
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	9.5	10.6
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	7.53	7.1
Cond. (umho/cm)		940	1020	760	1060	1300	1060	1060	980	1020	820	900	1040	1140	1580	1579	1563
TDS																	
MAJOR IONS mg/l:																	
Alk. - CaCO3		191	188	184	181	184	191	194	194	217	188	195	232	235	230	210	216
Bicarbonate (HCO3)		233	229	224	221	224	232	237	236	265	229	238	284	287	281	256	263
Calcium (Ca)		229	247	253	230	263	258	223	278	311	282	292	354	330	325	326	326
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-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	38	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	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	27	29.1
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
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	5.7	5
Silica (SiO2)		15.6	15.6	16.9	16.2	17.9	16.7	13.8	17.6	19	17	16	19	19	18	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	66.4	66.1
Sulfate (SO4)		524	555	556	480	613	580	522	627	728	616	645	798	761	802	775	808
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)		1430	1390	1370	1320	1370	1430	1460	1610	1690	1420	1620	1800	1740	1810	1710	1800
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	7.51	7.41
TDS @ 180 C.	GPS (500)	1100	1070	1080	1020	1070	1160	1150	1200	1390	1190	1230	1440	1410	1430	1370	1370
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	0.002	-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)	0.51	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	0.24	1.02
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)	0.19	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	0.3	0.3
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	0.02	-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	0.003	0.001	-0.001	-0.001	-0.001	0.001	0.005	0.001	-0.001	0.001	-0.001	0.001	-0.001	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 (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	-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	-0.01	0.02
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	2.2	3.2
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	3.1	2.5
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	0.6	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	2.5	2.9
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	0.9	0.8
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	5.6	5.4
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
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	-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	3.1	6.3
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	0.6	0.9
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	0.99	0.96
(LAB: Energy Labs Inc. unless noted.)																	

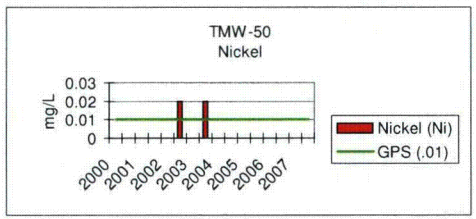
KENNECOTT URANIUM COMPANY	
TMW-50	
NORTHING: 148,198.81	Groundwater
EASTING: 324,697.71	Protection
ND = Non-detectable	Standard
FIELD DATA mg/l:	(GPS)
Temperature (C)	as of 5/26/05
pH (Std. Units)	
Cond. (umho/cm)	
TDS	
MAJOR IONS mg/l:	
Alk. - CaCO3	
Bicarbonate (HCO3)	
Calcium (Ca)	
Carbonate (CO3)	
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 (V205)	
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.)	

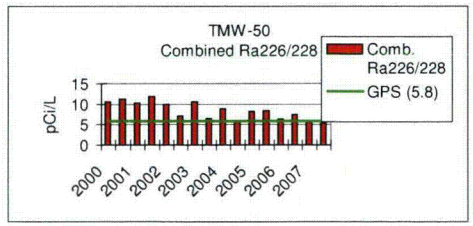






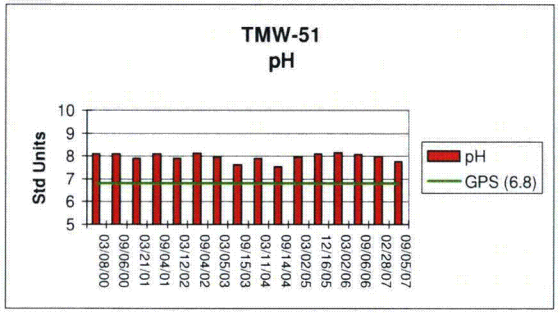


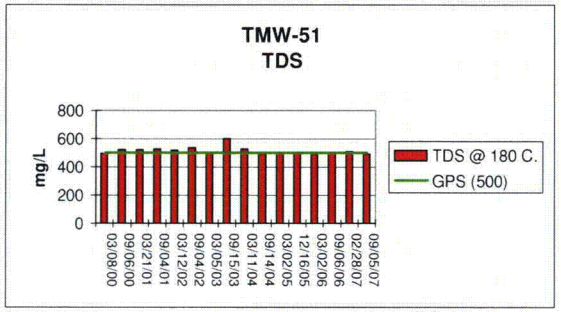


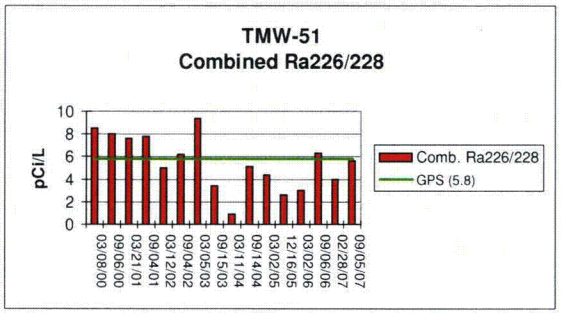


KENNECOTT URANIUM COMPANY																	
TMW-51																	
NORTHING: 147,995.26 EASTING: 324,449.18	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006		2007	
ND = Non-detectable	Standard	03/08/00	09/06/00	03/21/01	09/04/01	03/12/02	09/04/02	03/05/03	09/15/03	03/11/04	09/14/04	03/02/05	12/16/05	03/02/06	09/06/06	02/28/07	09/05/07
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	9.8	10.1
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	7.62	7.7
Cond. (umho/cm)		540	600	520	640	1300	660	660	640	560	500	500	510	540	700	719	685
TDS																	
MAJOR IONS mg/l:																	
Alk - CaCO3		126	125	126	129	127	127	128	126	125	125	125	125	130	135	150	129
Bicarbonate (HCO3)		153	152	153	157	155	155	156	153	153	152	152	152	159	165	182	157
Calcium (Ca)		102	116	117	110	120	112	106	115	113	114	114	116	114	113	116	120
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-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	8	9
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	0.2	0.2
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	7.3	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
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	2.7	3.1
Silica (SiO2)		13.8	13.5	14.4	14	15.3	14.1	12.9	14.8	14.5	14	15	16	16	16	13	15
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	32.3	39.2
Sulfate (SO4)		230	258	249	230	272	243	232	251	246	248	246	250	241	259	215	257
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)		734	758	743	745	730	718	741	747	746	714	767	740	731	777	752	728
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	7.98	7.76
TDS @ 180 C.	GPS (500)	496	523	522	527	517	536	500	600	526	492	505	506	492	494	508	490
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	0.002	-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)	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	-0.05	0.11
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)	0.06	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	0.06	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 (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	0.5	-0.01	0.037	-0.01	-0.01	0.01	0.03	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-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	1.3	1.8
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	1.6	1.5
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	0.5	0.4
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	2.4	4.1
Radium Precision +/-		0.6	0.6	1	1.3	1	1	1.1	1		1.7	0.9	1.1	0.9	1.1	0.9	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	4	5.6
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	-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	-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	1.4	1.1
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	0.4	0.7
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	1.05	0.93
(LAB: Energy Labs Inc. unless noted.)																	

KENNECOTT URANIUM COMPANY	
TMW-51	
NORTHING: 147,995.26 EASTING: 324,449.18	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 +/-	
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.)	







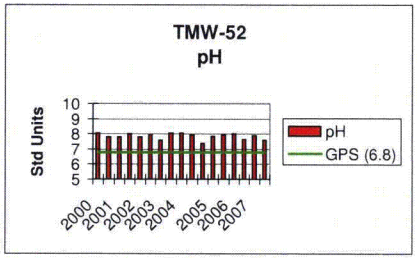
KENNECOTT URANIUM COMPANY																		
TMW-52																		
NORTHING: 148,316.56	Groundwater	2000		2001		2002		2003		2004			2005		2006		2007	
EASTING: 324,221.64	Protection																	
ND = Non-detectable	Standard	3/9/00	9/6/00	3/21/01	9/4/01	3/7/02	9/4/02	3/5/03	9/15/03	1/13/04	3/11/04	9/14/04	3/2/05	12/16/05	3/1/06	9/6/06	2/28/07	9/5/07
FIELD DATA mg/l:	(GPS)																	
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	8	14	13	9.6	9.9	14.2	9.2	9.9
pH (Std. Units)		7.2	6.4	7.3	7.3	7.2	7.2	6.8	6.8	8.3	7.2	7.3	7.1	7.23	7.43	7.31	7.52	7.4
Cond. (umho/cm)		680	800	660	880	860	780	860	800	800	700	660	680	760	740	1100	1032	1071
TDS																		
MAJOR IONS mg/l:																		
Alk - CaCO3		153	153	153	158	155	150	156	150	153	154	147	147	152	158	160	140	159
Bicarbonate (HCO3)		186	186	187	193	188	183	190	183	187	188	179	180	186	192	195	171	194
Calcium (Ca)		151	177	172	160	187	156	154	161	206	172	164	167	210	203	201	187	206
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-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	18	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	0.1	0.2
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	12.9	13.7
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	-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	4.5	4.1
Silica (SiO2)							13.9	12.9	14.7	16.5	15.2	14	15	17	17	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	54	53.3
Sulfate (SO4)		355	406	385	350	392	358	352	363	471	398	369	371	480	464	480	452	471
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:																		
Cond. (umho/cm)		1000	1070	1020	1040	1020	967	1030	1080	1050	1060	973	1030	1180	1150	1240	1100	1170
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	7.87	7.59
TDS @ 180 C.	GPS (500)	704	781	748	771	753	730	744	739	754	786	720	732	875	872	898	796	838
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	-0.002	-0.002	-0.002	-0.001	-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	-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	-0.01	-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)	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	0.18	0.27
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)	0.09	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	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	0.0003	-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	-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	-0.005	-0.005	-0.005	-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
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 (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
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	-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	3.7	3.5
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	3.2	3.6
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	0.7	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	2.1	9.2
Radium Precision +/-		0.6	0.2	1	1.3	1	1	1	1	0.9			0.9	1.1	0.9	1.2	0.9	1.1
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	5.3	12.8
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
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	-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	2.7	5.1
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	0.6	1
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	0.96	0.95
(LAB: Energy Labs Inc. unless noted.)																		

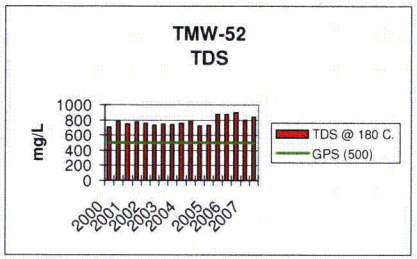
ORGANICS:

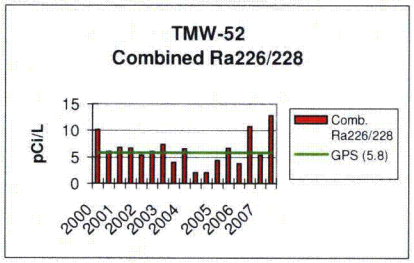
Diesel Range Organics (mg/L)	ND
Gasoline Range Organics (mg/L)	ND
1,1,1-Trichloroethane (ug/L)	ND
Naphthalene (ug/L)	3.8

KENNECOTT URANIUM COMPANY	
TMW-52	
NORTHING: 148,316.56 EASTING: 324,221.64	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 +/-	
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.)	

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

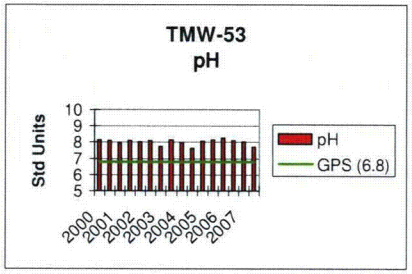


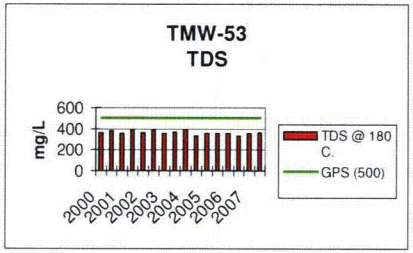


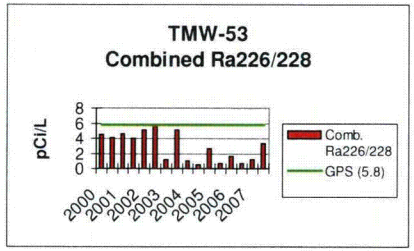


KENNECOTT URANIUM COMPANY																	
TMW-53																	
NORTHING: 147,849.28 EASTING: 323,913.72	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006		2007	
ND = Non-detectable	Standard	3/9/00	9/6/00	3/22/01	9/4/01	3/7/02	9/5/02	3/5/03	9/17/03	3/9/04	9/14/04	3/2/05	12/16/05	3/1/06	9/5/06	2/28/07	9/5/07
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	9	10.4
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	7.45	7.4
Cond (umho/cm)		400	460	360	500	480	480	520	500	440	380	400	430	420	507	529	517
TDS																	
MAJOR IONS mg/l:																	
Alk-CaC03		104	105	102	105	103	105	104	101	102	103	99	100	105	110	103	107
Bicarbonate (HCO3)		126	127	124	128	126	128	127	123	124	125	121	122	128	134	126	130
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	76.6	78.6
Carbonate (CO3)		-0.1	-0.1	1	-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	8	6
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	0.2	0.2
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	3.6	3.7
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	-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	2.9	2.6
Silica (SiO2)		13.3	13.5	13.5	13.4	15	13.8	12.9	14.4	15.6	14	15	16	15	15	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	43.1	41.6
Sulfate (SO4)		160	178	169	150	170	165	160	163	169	160	162	170	157	162	180	178
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)		566	571	562	556	551	543	557	567	557	535	560	556	543	592	563	540
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	8.03	7.71
TDS @ 180 C.	GPS (500)	360	377	353	386	364	384	355	366	394	333	355	354	354	330	358	364
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	0.002	0.0017	0.001	0.002	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.001	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
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)	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	-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)	0.04	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	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	-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 (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	-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	-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	0.3	1
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	1.2	0.5
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	0.4	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	-1	2.8
Radium Precision +/-		0.2	0.1	1.2	1.2	1	1		1.3			0.9					1
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	1.2	3.3
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
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	-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	-1	1.4
Gross Alpha Precision +/-		1.4	0.8		1	1.8	1.1		1	1	1			0.8			0.7
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	0.92	0.93
(LAB: Energy Labs Inc. unless noted.)																	

KENNECOTT URANIUM COMPANY	
TMW-53	
NORTHING: 147,849.28 EASTING: 323,913.72	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-CaC03	
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 (V205)	
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.)	

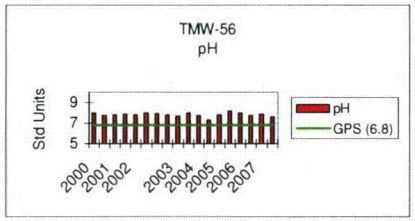


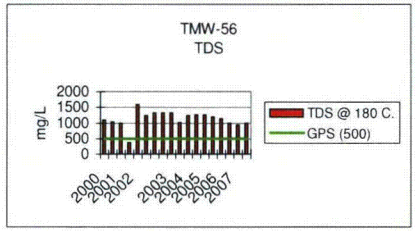


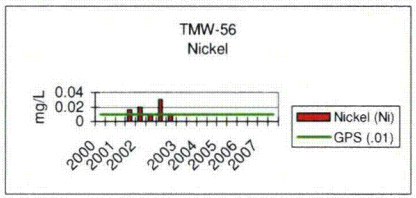


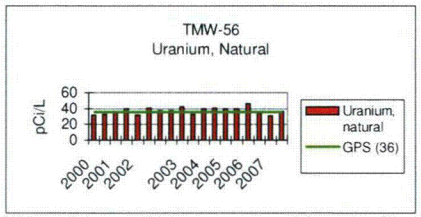
KENNECOTT URANIUM COMPANY																			
TMW-56																			
NORTHING: 149,105.02	Groundwater	2000		2001		2002				2003		2004		2005		2006		2007	
EASTING: 324,418.67	Protection																		
ND = Non-detectable	Standard	3/9/00	9/7/00	3/22/01	9/4/01	3/12/02	7/23/02	9/5/02	10/10/02	3/5/03	9/17/03	3/11/04	9/15/04	3/2/05	12/22/05	3/2/06	9/11/06	2/28/07	9/17/07
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	9.2	10.9
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	7.09	7.4
Cond. (umho/cm)		900	124	760	1220	640	640	1040	1180	1080	860	920	800	980	970	940	1217	1158	1212
TDS																			
MAJOR IONS mg/l:																			
Alk - CaCO3		99	97	97	92	92	78	92	92	92	94	91.9	92	90	90	100	91	90	95
Bicarbonate (HCO3)		120	118	118	112	112	94.6	112	112	112	115	112	113	110	110	122	111	110	116
Calcium (Ca)		221	218	220	320	364	226	275	307	260	231	267	280	283	239	256	229	209	218
Carbonate (CO3)		-0.1	-0.1	-0.1	-1	-14	-1	-1	-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	31	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	0.1	0.2
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	17.3	18.6
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
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	4.8	4.7
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	10	9
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	53.5	54.6
Sulfate (SO4)		585	545	570	853	965	634	728	740	683	584	691	705	716	683	651	609	567	629
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
PHYSICAL PROPERTIES:																			
Cond. (umho/cm)		1400	1320	1280	1810	1860	1480	1580	1640	1630	1320	1530	1450	1600	1510	1450	1410	1240	1380
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	7.86	7.61
TDS @ 180 C.	GPS (500)	1090	1030	982	380	1580	1230	1320	1310	1310	1020	1240	1250	1260	1200	1130	996	928	1000
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)	0.022	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	0.019	0.018
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	-0.1	-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
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)		0.002	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	0.001	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	-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	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	-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	0.1	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	-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)	-0.01	-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	-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	-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 (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
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	-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	30.5	36.2
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	4.7	2.7
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	0.8	0.5
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	3.6	6.6
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	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	8.3	9.3
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	-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	-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	3.2	5.7
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	0.6	0.8
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	0.98	0.97
(LAB: Energy Labs Inc. unless noted.)					Red = Revised Result														

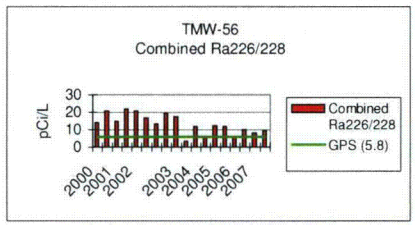
KENNECOTT URANIUM COMPANY	
TMW-56	
NORTHING: 149,105.02 EASTING: 324,418.67	Groundwater Protection
ND = Non-detectable	Standard
FIELD DATA mg/l:	(GPS)
Temperature (C)	as of 5/26/05
pH (Std. Units)	
Cond. (umho/cm)	
TDS	
MAJOR IONS mg/l:	
Alk - CaCO3	
Bicarbonate (HCO3)	
Calcium (Ca)	
Carbonate (CO3)	
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.)	

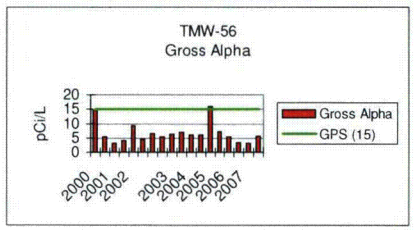












KENNECOTT URANIUM COMPANY																			
TMW-57																			
NORTHING: 149,296.82	Groundwater	2000		2001			2002				2003				2004				2005
EASTING: 324,590.47	Protection																		
ND = Non-detectable	Standard	03/09/00	09/07/00	03/26/01	07/02/01	10/02/01	01/08/02	04/08/02	07/10/02	10/03/02	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
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
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
Cond. (umho/cm)		1060	1520	820	940	860	900	800	800	760	840	760	660	700	700	680	720	580	840
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
Bicarbonate (HCO3)		143	148	139	129	128	128	127	129	127	131	129	129	132	131	129	132	133	149
Calcium (Ca)		278	300	274	153	150	166	151	136	133	103	122	125	126	135	134	130	140	129
Carbonate (CO3)		-0.1	-0.1	-0.1	-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
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
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
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
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
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
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
Sulfate (SO4)		773	784	737	385	350	403	377	341	334	257	304	303	321	315	320	316	329	312
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
PHYSICAL PROPERTIES:																			
Cond. (umho/cm)		1710	1720	1560	1060	964	938	908	896	868	880	817	855	855	844	849	816	842	846
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
TDS @ 180 C.	GPS (500)	1420	1440	1280	767	707	672	662	641	603	633	600	581	587	554	581	610	618	648
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
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
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	-0.1	-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
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
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
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)	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
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)	0.98	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
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)	0.08	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
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
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
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 (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
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
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
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
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
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
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
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
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
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
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
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
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
(LAB: Energy Labs Inc. unless noted.)																		TMW-57	

KENNECOTT URANIUM COMPANY												
TMW-57												
NORTHING: 149,296.82	Groundwater				2006				2007			
EASTING: 324,590.47	Protection											
ND = Non-detectable	Standard	4/6/2005	7/11/2005	11/8/2005	1/11/2006	4/10/2006	7/3/2006	10/5/2006	2/12/2007	4/4/2007	7/22/2007	10/1/2007
FIELD DATA mg/l:	(GPS)											
Temperature (C)	as of 5/26/05	13	19	8.8	9	12.3	17.9	13.8	8.4	12.5	15	15.1
pH (Std. Units)		6.8	6.8	7.06	7.38	7.5	7.39	7.35	7.68	7.67	7.7	7.5
Cond. (umho/cm)		620	600	550	650	540	774	766	750	746	773	762
TDS												
MAJOR IONS mg/l:												
Alk - CaCO3		107	109	110	108	115	104	109	112	111	110	116
Bicarbonate (HCO3)		131	133	134	131	140	126	132	137	135	140	141
Calcium (Ca)		128	132	125	126	123	119	122	120	122	121	111
Carbonate (CO3)		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		15	13	12	13	15	19	14	14	14	14	17
Fluoride (F)		0.1	0.2	0.2	-0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.1
Magnesium (Mg)		8.8	9.6	9.2	9.5	8.7	8.2	8.8	8.6	8	8.8	7.5
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
Potassium (K)		3.5	3.2	3.1	3.1	3.1	3.2	3.2	3.4	3.5	3.3	3.6
Silica (SiO2)		14	15	15	14	15	16	14	14	16	13	15
Sodium (Na)		38.2	42.4	42.9	41.8	40.3	42.5	41.8	41.4	39.8	42.2	39.3
Sulfate (SO4)		316	306	294	302	287	298	279	285	274	297	265
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:												
Cond. (umho/cm)		866	861	828	812	790	806	789	786	792	798	814
pH	GPS (6.8)	7.87	7.79	8.24	8.11	8.03	7.8	7.53	7.83	7.84	7.82	7.81
TDS @ 180 C.	GPS (500)	578	578	563	586	550	564	516	522	544	542	566
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)		0.004	0.004	0.004	0.005	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
Iron (Fe)	GPS (0.6)	0.09	0.4	0.21	0.48	-0.05	0.09	0.06	-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
Manganese (Mn)	GPS (0.2)	0.1	0.11	0.111	0.11	0.08	0.09	0.09	0.09	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
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)	-0.05	-0.05	-0.05	-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 (V2O5)		-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
RADIOMETRIC pCi/l:												
Uranium, natural	GPS (36)	4.5	4.3	4.1	5.6	4.1	3.4	3.7	3.9	3.7	3.8	3.6
Radium 226		2.1	2.2	2.3	2.5	1.6	1.5	1.7	1.9	2.3	3	1.6
Radium Precision +/-		0.6	0.6	0.5	0.6	0.5	0.4	0.5	0.7	0.5	0.5	0.4
Radium 228		5.7	4.4	4.2	3.7	3.9	2.3	2.8	4.5	4.9	4	4.7
Radium Precision +/-		1	0.9	1	1	0.9	0.8	1.1	0.9	0.8	1	0.9
Combined Ra226/228	GPS (5.8)	7.8	6.6	6.5	6.2	5.5	3.8	4.5	6.4	7.2	7	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
Thorium Precision +/-												
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Lead Precision +/-												
Gross Alpha	GPS (15)	1.6	5.4	2.7	2.7	3.8	-1	2.4	2.2	2.6	2.7	3.9
Gross Alpha Precision +/-		1	1.9	1.1	1	1.1		0.7	0.6	0.7	0.5	0.9
QUALITY ASSURANCE DATA:												
TDS A/C Balance (dec. %)		0.98	0.99	0.99	1.02	0.98	0.99	0.94	0.94	1	0.96	1.07
(LAB: Energy Labs Inc. unless noted.)												

