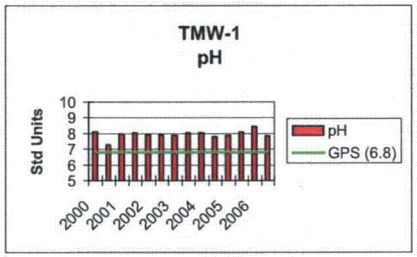
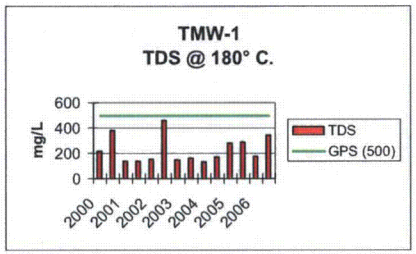
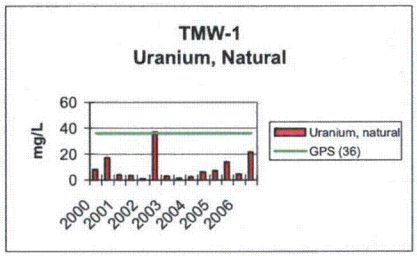
Tailings Monitor Well
and
Catchment Basin Monitoring Well
Data Analysis
&
Control Charts

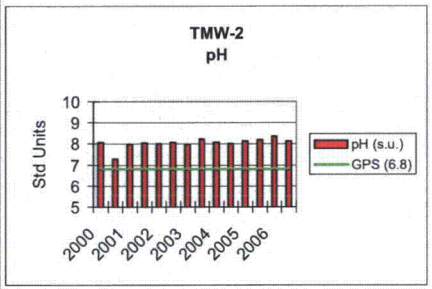
KENNECOTT URANIUM COMPANY															
TMW-1															
NORTHING: 150,107.66 EASTING: 324,536.42	Groundwater Protection	**2000**		**2001**		**2002**		**2003**		**2004**		**2005**		**2006**	
ND = Non-detectable	Standard	01/05/00	07/18/00	01/18/01	07/09/01	01/14/02	07/11/02	01/13/03	07/01/03	01/06/04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

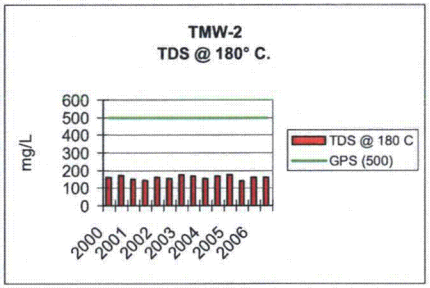




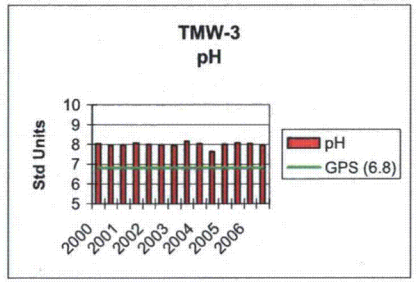


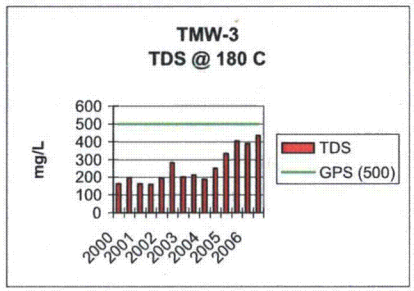
KENNECOTT URANIUM COMPANY															
TMW-2															
NORTHING: 147,133.96	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 324,360.13	Protection														
ND = Non-detectable	Standard	01/06/00	07/18/00	01/18/01	07/23/01	01/14/02	07/11/02	01/13/03	07/01/03	01/06/04	07/13/04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



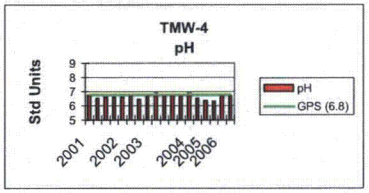


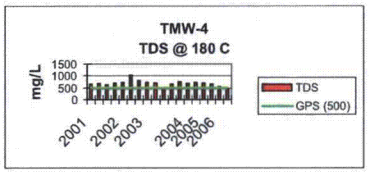
KENNECOTT URANIUM COMPANY															
TMW-3															
NORTHING: 145,984.03 EASTING: 324,361.03	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	01/06/00	07/18/00	01/18/01	07/23/01	01/14/02	07/11/02	01/13/03	07/01/03	01/06/04	07/13/04	01/04/05	07/12/05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

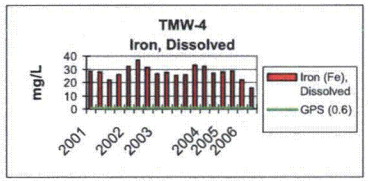


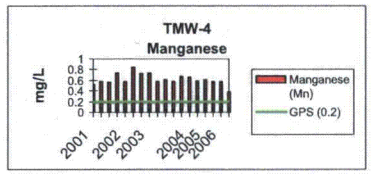


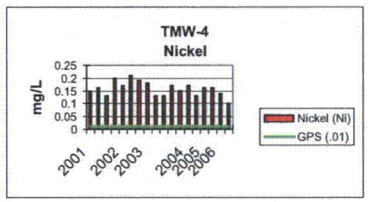
KENNECOTT URANIUM COMPANY																				
TMW-4																				
NORTHING: 147,141.81 EASTING: 323,176.55	Groundwater Protection	2001				2002			2003					2004		2005		2006		
ND = Non-detectable	Standard	1/25/01	3/22/01	5/7/01	7/23/01	1/14/02	7/16/02	10/10/02	1/1/03	3/10/03	5/13/03	7/1/03	9/17/03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

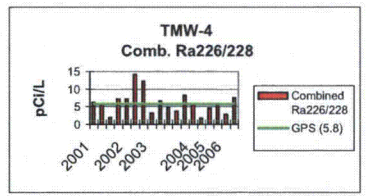




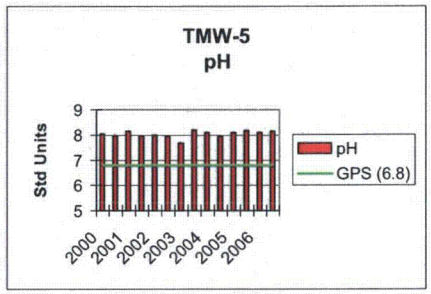


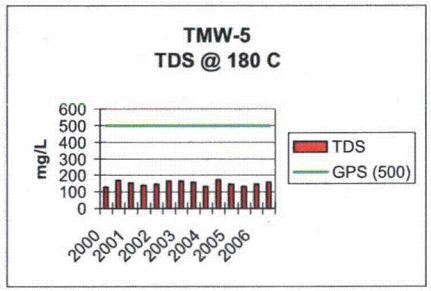




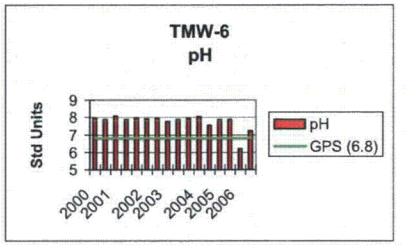


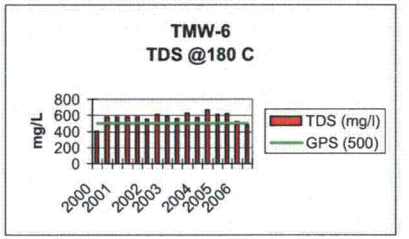
KENNECOTT URANIUM COMPANY															
TMW-5															
NORTHING: 149,053.50 EASTING: 328,102.80	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND=Non-detectable	Standard	1/6/00	7/19/00	1/25/01	7/23/01	1/15/02	7/16/02	1/20/03	7/1/03	1/6/04	7/19/04	1/10/05	7/12/05	1/16/06	8/15/06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

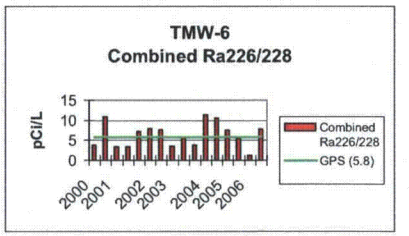




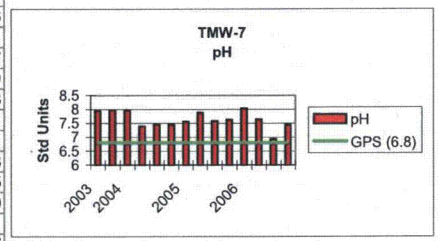
KENNECOTT URANIUM COMPANY																	
TMW-6																	
NORTHING: 145,356.25 'EASTING: 327,464.50	Groundwater Protection	2000		2001			2002		2003			2004		2005		2006	
ND = Non-detectable	Standard	01/06/00	07/19/00	01/25/01	05/07/01	07/23/01	01/14/02	07/16/02	01/20/03	03/10/03	07/01/03	01/06/04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

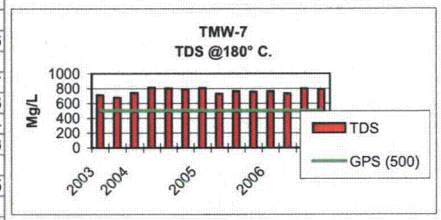


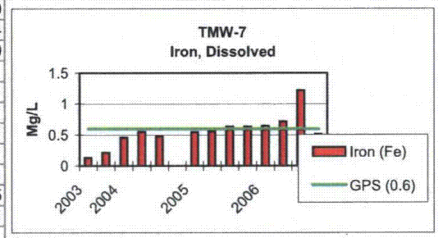


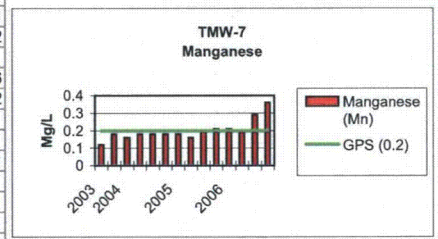


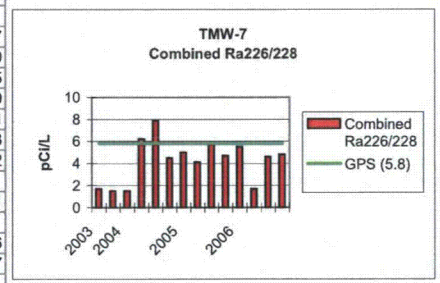
KENNECOTT URANIUM COMPANY															
TMW-7															
NORTHING: 149,339.65	Groundwater	**2003**		**2004**				**2005**				**2006**			
EASTING: 325,014.01	Protection														
ND = Non-detectable	Standard	8/26/03	10/20/03	1/5/04	4/5/04	7/12/04	10/7/04	1/5/05	4/6/05	7/11/05	11/7/05	1/11/06	4/10/06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



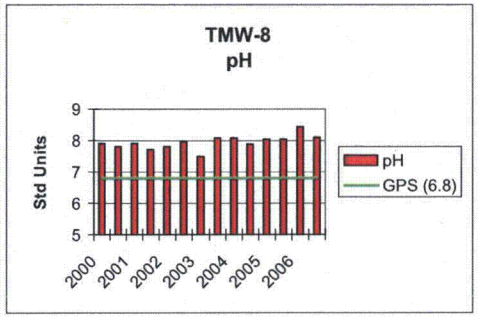


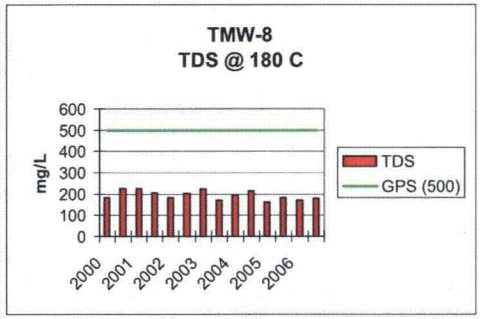


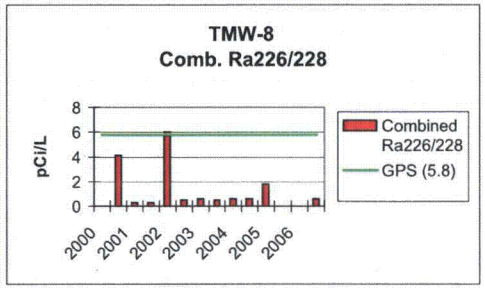




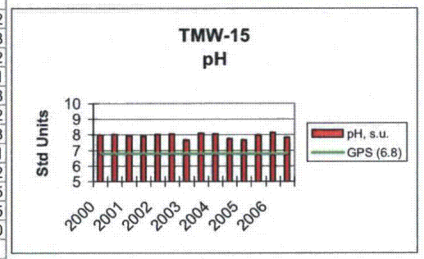
KENNECOTT URANIUM COMPANY															
TMW-8															
NORTHING: 148,912.15 EASTING: 224,561.80	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	01/05/00	07/19/00	07/25/01	10/02/01	01/14/02	07/16/02	01/20/03	07/14/03	01/13/04	07/20/04	01/10/05	07/13/05	01/17/06	08/23/06
FIELD DATA mg/l:	(GPS)														
Temperature (C)	as of 5/26/05	8	8	8	8	8	8	8	8	8	14	13	14	7.9	13.6
pH (Std. Units)		7.3	7.2	7.3	7.3	7.2	6.6	6.9	6.7	8.8	7.2	7.1	7.5	7.81	7.7
Cond (umho/cm)		240	280	280	300	300	280	300	280	280	240	260	180	250	270
TDS															
MAJOR IONS mg/l:															
Alk-CaC03		95	83	85	86	85	85	85	85	86	84	84	83	85	84
Bicarbonate (HCO3)		116	101	103	104	103	103	103	103	104	102	103	101	101	102
Calcium (Ca)		27.6	27.6	27	27	26.9	27.7	27.2	25.9	33.7	26.7	25.3	24.2	23.6	23.9
Carbonate (CO3)		-0.1	-0.1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
Chloride (Cl)		1	7.98	10.1	4.2	4.5	-1	6	-1	14.7	3	-1	4	3	3
Fluoride (F)		0.19	0.19	0.22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-0.1	0.2
Magnesium (Mg)		0.95	1	1.4	1	-1	1	1	-1	1.2	1	1	0.9	0.9	0.8
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		1.7	1.4	2.9	1.5	1.5	1.7	2.3	1.5	6.3	1.4	1.6	0.8	1.5	1.3
Silica (SiO2)		12.2	12.7	12.6	12.4	12.7	12.4	11.7	12.3	13.8	12	12	13	13	14
Sodium (Na)		38.2	36.8	35	38.4	36.8	39.3	41.6	37.7	42.2	37.5	36.5	36.3	35.1	35.1
Sulfate (SO4)		68.1	66.7	58.8	58.3	63.6	64.1	63.3	58.8	81	56	53	52	51	56
NON-METALS mg/L:															
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:															
Cond (umho/cm)		323	322	312	313	312	309	302	316	312	335	290	280	282	310
pH (units)	GPS (6.8)	7.9	7.8	7.9	7.7	7.8	7.97	7.5	8.07	8.08	7.88	8.03	8.04	8.43	8.1
TDS @ 180° C. (mg/L)	GPS (500)	182	225	225	205	183	203	223	170	194	213	161	182	170	180
METALS - DISSOLVED mg/L:															
Aluminum (Al)	GPS (1.8)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.002	0.002	0.002	0.0021	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.001	0.002
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	0.19	0.22	0.15	0.04	0.117	-0.05	0.05	0.076	-0.05	0.23	-0.05	-0.05	-0.05	-0.05
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	0.09	0.09	0.07	0.068	0.06	0.01	0.04	0.02	-0.01	0.19	-0.01	-0.01	0.04	0.04
Mercury (Hg)		-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V205)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.04	-0.01	-0.01	-0.01	-0.01
RADIOMETRIC pCi/l:															
Uranium, natural	GPS (36)	1.1	0.625	0.9	0.61607	0.6093	0.7447	0.07	2.1	3.3	1	0.6	0.5	0.3	-0.2
Radium 226		-0.2	0.7	0.3	0.3	0.6	0.5	0.6	0.5	0.6	0.6	-0.2	-0.2	-0.2	0.6
Radium Precision +/-			0.2	0.2	0.2	0.3	0.3	0.2	0.3	0.4	0.3				0.3
Radium 228		-1	3.4	-1	-1	5.4	-1	-1	-1	-1	-1	1.8	-1	-1	-1
Radium Precision +/-			0.2			1.7						1			
Combined Ra226/228	GPS (5.8)	0	4.1	0.3	0.3	6	0.5	0.6	0.5	0.6	0.6	1.8	0	0	0.6
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-															
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-1	-1	-1	-2.7	-1	-1	-1	-1	-1
Lead Precision +/-															
Gross Alpha	GPS (15)	-1	-1	-1	-1	-1	-1	1.2	-1	-1	1.1	-1	-1	1.1	-1
Gross Alpha Precision +/-								1			1.1			1	
QUALITY ASSURANCE DATA:															
TDS A/C Balance (dec. %)		0.87	1.09	1.12	1.11	0.98	1.02	1.08	0.89	0.84	1.13	0.88	1.01	0.95	0.95
(LAB: Energy Labs Inc. unless noted.)															

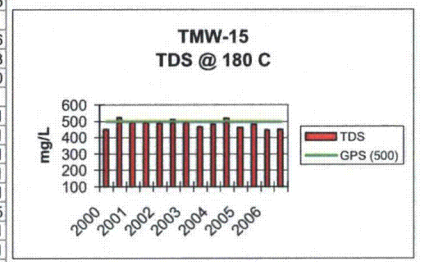


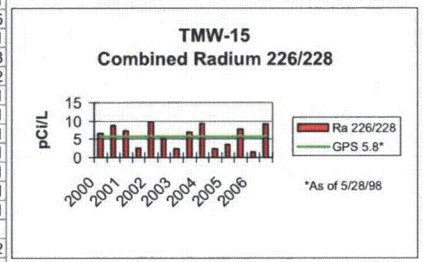




KENNECOTT URANIUM COMPANY															
TMW-15															
NORTHING: 147,910.39 EASTING: 325,006.29	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
0 = ND or 0	Standard	01/05/00	07/19/00	07/25/01	10/02/01	01/15/02	07/29/02	01/20/03	07/14/03	01/12/04	07/19/04	01/11/05	07/14/05	01/16/06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

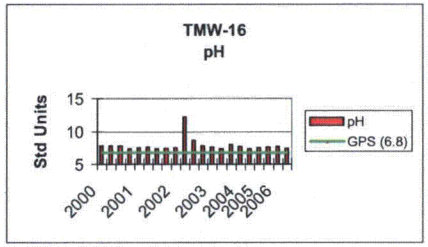


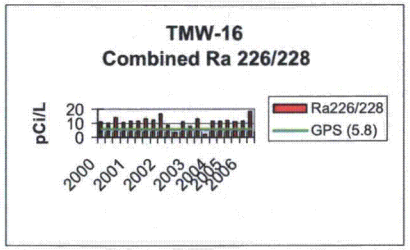


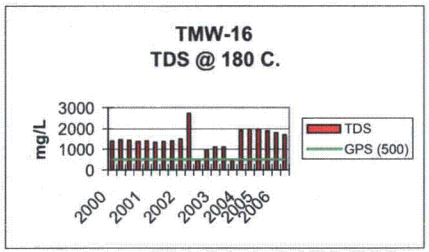


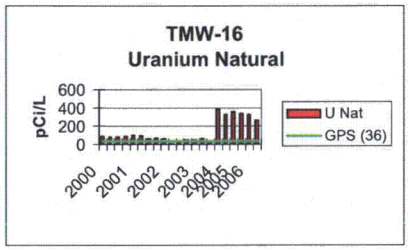
KENNECOTT URANIUM COMPANY																	
TMW-16																	
NORTHING: 149,397.99	Groundwater	2000				2001				2002				2003			2004
EASTING: 325,023.08	Protection																
0 = Non Detectable or 0	Standard	01/04/00	04/04/00	07/12/00	10/03/00	01/10/01	04/03/01	07/02/01	10/02/01	01/08/02	04/08/02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

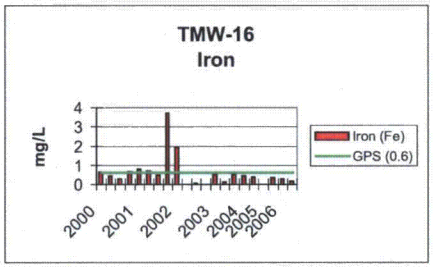
KENNECOTT URANIUM COMPANY						
TMW-16						
NORTHING: 149,397.99 EASTING: 325,023.08	Groundwater Protection		2005		2006	
0 = Non Detectable or 0	Standard	07/20/04	01/11/05	07/14/05	01/17/06	08/22/06
FIELD DATA mg/l:	(GPS)					
Temperature (C)	as of 5/26/05	13	12	13	9.8	13.3
pH (Std. Units)		6.7	6.8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

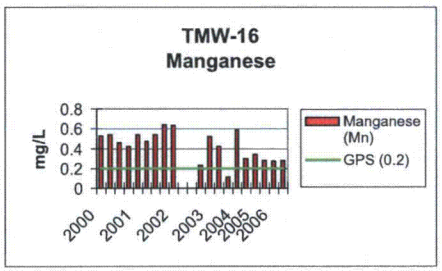


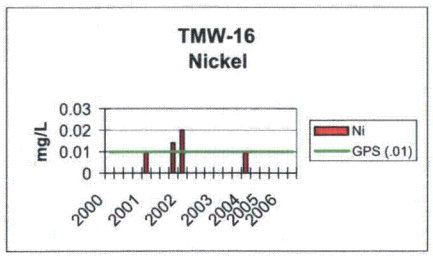






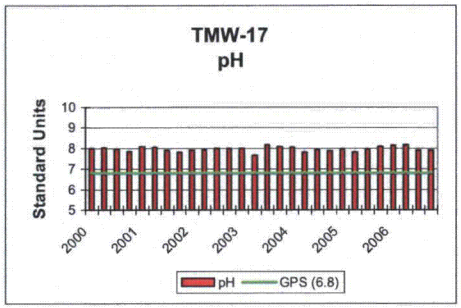


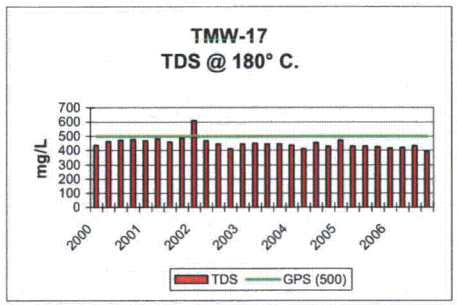


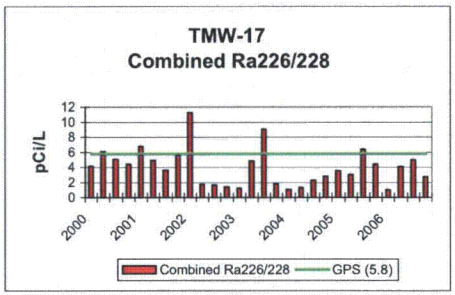


KENNECOTT URANIUM COMPANY																		
TMW-17																		
NORTHING: 149,602.14	Groundwater	2000				2001				2002				2003				2004
EASTING: 325,994.00	Protection																	
ND = Non-detectable	Standard	01/04/00	04/04/00	07/12/00	10/03/00	01/10/01	04/03/01	07/02/01	10/02/01	01/08/02	04/08/02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

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

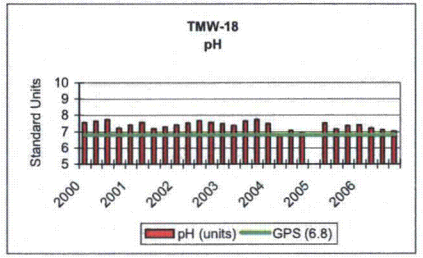


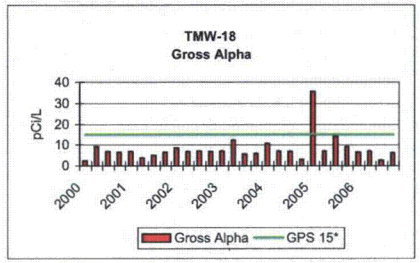


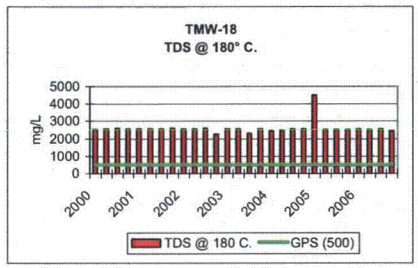


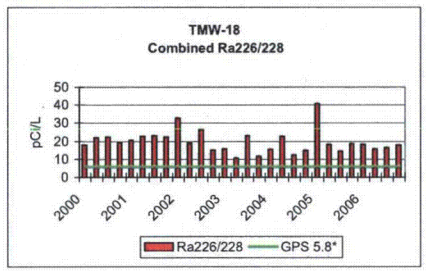
KENNECOTT URANIUM COMPANY																				
TMW-18																				
NORTHING: 148,922.42 EASTING: 225,018.57	Groundwater Protection	2000				2001				2002				2003				2004		
ND = Non-detectable	Standard	01/04/00	04/04/00	07/12/00	10/03/00	01/10/01	04/03/01	07/02/01	10/02/01	01/08/02	04/08/02	07/10/02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

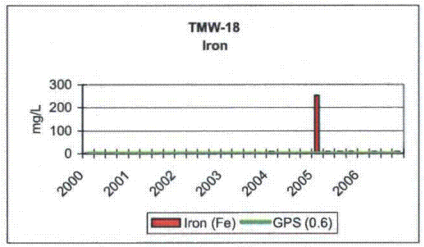
KENNECOTT URANIUM COMPANY										
TMW-18										
NORTHING: 148,922.42 EASTING: 225,018.57	Groundwater Protection		2005				2006			
ND = Non-detectable	Standard	10/07/04	01/10/05	4/6/2005	7/11/2005	11/8/2005	01/11/06	4/10/2006	7/3/2006	10/5/2006
FIELD DATA mg/l:	(GPS)									
Temperature (C)	as of 5/26/05	10	13	11	14	8.7	8.7	9.5	13.3	10.9
pH (Std. Units)		6.1	4.6	6.1	6.2	6.53	6.6	6.83	6.56	6.49
Cond. (umho/cm)		1400	4800	1600	1420	1470	1750	1580	304	300
TDS			*							
MAJOR IONS mg/l:										
Alk-CaCO3		447	5	467	463	458	470	475	444	459
Bicarbonate (HCO3)		545	6	569	565	558	573	580	541	560
Calcium (Ca)		637	1160	629	597	632	607	665	593	596
Carbonate (CO3)		-1	-1	-1	-1	-1	-1	-1	-1	-1
Chloride (Cl)		82	1920	85	83	82	75	102	96	81
Fluoride (F)		-0.1	0.8	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Magnesium (Mg)		47.9	86.5	47.6	48.3	51	44	52	46.9	48.1
Nitrate-N (NO3)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Potassium (K)		6.9	11.1	6.8	6.7	7.1	6.5	7.1	7.4	6.9
Silica (SiO2)		24	61	23	24	24	21	25	25	22
Sodium (Na)		107	100	104	100	101	94.2	92.2	94	101
Sulfate (SO4)		1280	1240	1260	1260	1240	1120	1340	1280	1240
NON-METALS:										
Cyanide (CN)		-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
PHYSICAL PROPERTIES:										
Cond (umho/cm)		3360	6950	2860	2880	2900	2900	2900	2960	2950
pH (units)	GPS (6.8)	6.89	4.96	7.51	7.15	7.37	7.39	7.23	7.09	7.01
TDS @ 180 C.	GPS (500)	2560	4510	2530	2520	2510	2540	2530	2540	2430
METALS-DISSOLVED mg/l:										
Aluminum (Al)	GPS (1.8)	-0.1	15	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Arsenic (As)	GPS (.05)	0.001	0.004	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Barium (Ba)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Beryllium (Be)	GPS (.01)	-0.01	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Boron (B)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.1	-0.1
Cadmium (Cd)	GPS (.01)	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
Chromium (Cr)	GPS (.05)	-0.01	0.13	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cobalt (Co)		-0.001	0.026	-0.001	-0.001	-0.001	-0.001	0.001	0.001	-0.001
Copper (Cu)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Iron (Fe)	GPS (0.6)	5.17	253	6.77	6.95	7.44	6.56	8.21	6.03	7.38
Lead (Pb)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Manganese (Mn)	GPS (0.2)	1.18	4.72	1.13	1.14	1.29	1.17	1.3	1.2	1.24
Mercury (Hg)		-0.0002	0.0003	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
Molybdenum (Mo)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Nickel (Ni)	GPS (.01)	-0.01	0.19	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Selenium (Se)	GPS (.01)	0.004	0.008	0.003	0.001	0.001	0.001	0.002	0.001	0.002
Silver (Ag)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Thallium (Tl)		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Vanadium (V2O5)		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Zinc (ZN)		-0.01	0.19	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01
RADIOMETRIC pCi/l:										
Uranium, natural	GPS (36)	1.1	3.4	0.9	1	1.1	1	0.9	0.9	1
Radium 226		2.3	10.5	3.3	5.6	5.3	3.3	2.7	1.7	2.9
Radium Precision +/-		0.5	1.1	0.7	0.8	0.7	0.7	0.6	0.4	0.6
Radium 228		12.4	30.3	14.8	8.9	13.3	15	13.1	14.6	14.9
Radium Precision +/-		1.4	1.5	1.6	1	1.2	1.2	1.1	1	1.4
Combined Ra226/228	GPS (5.8)	14.7	40.8	18.1	14.5	18.6	18.3	15.8	16.3	17.8
Thorium 230	GPS (7.0)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Thorium Precision +/-										
Lead (Pb210)	GPS (8.9)	-1	-1	-1	-1	-1	-1	-1	-1	-1
Lead Precision +/-										
Gross Alpha	GPS (15)	2.9	35.6	7.1	14.2	9.1	6.6	7.1	2.6	6.3
Gross Alpha Precision +/-		1.1	3.4	2.3	2.8	1.9	1.3	2.3	1.1	0.9
QUALITY ASSURANCE DATA:										
TDS A/C Balance (dec. %)		1.04	0.98	1.04	1.05	1.04	1.13	0.98	1.05	1.03
(LAB: Energy Labs Inc. unless noted.)		*Possible acid still in formation.								

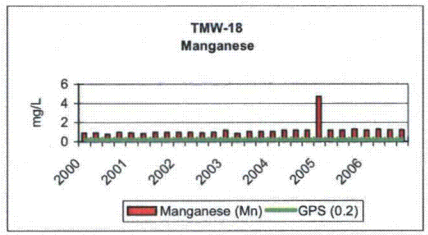


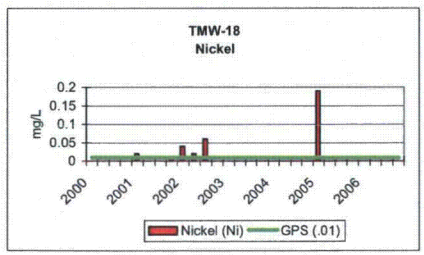




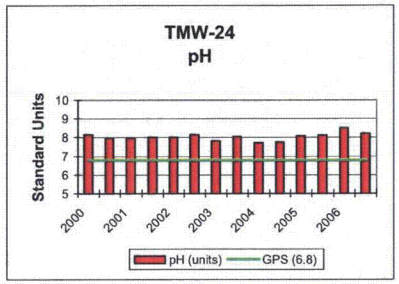


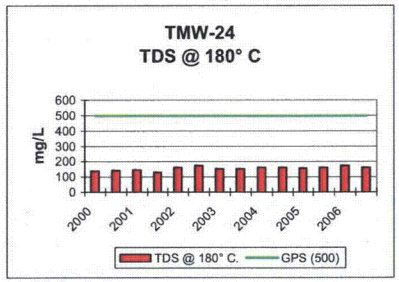




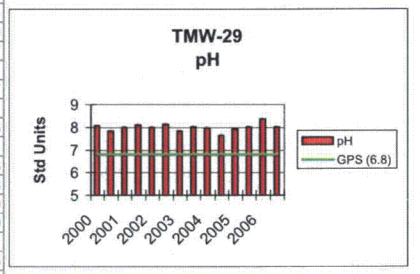


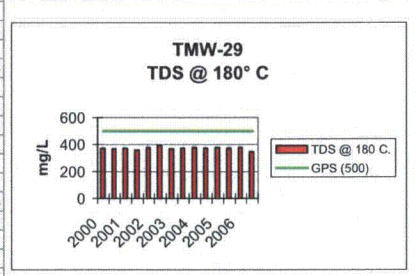
KENNECOTT URANIUM COMPANY															
TMW-24															
NORTHING: 150,307.90	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 325,992.24	Protection														
ND = Non-detectable	Standard	02/01/00	08/01/00	02/20/01	08/09/01	02/05/02	08/05/02	02/04/03	08/04/03	02/03/04	08/02/04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



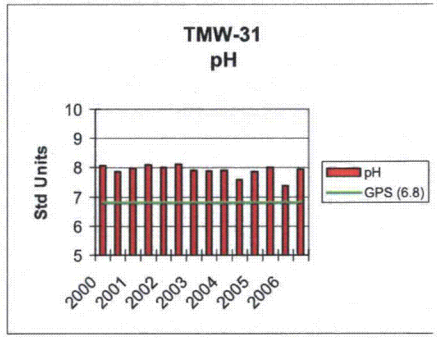


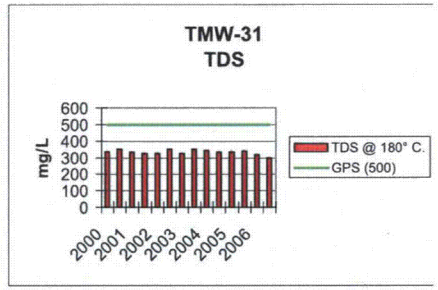
KENNECOTT URANIUM COMPANY															
TMW-29															
NORTHING: 150,108.27 EASTING: 326,786.49	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	02/01/00	08/01/00	02/20/01	08/09/01	02/05/02	08/05/02	02/04/03	08/04/03	2/3/2004	08/02/04	2/1/2005	08/03/05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

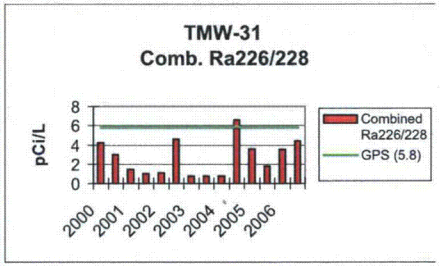




KENNECOTT URANIUM COMPANY															
TMW-31															
NORTHING: 149,901.61 EASTING: 327,194.15	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	02/07/00	08/01/00	02/20/01	08/09/01	02/05/02	08/05/02	02/04/03	08/04/03	02/03/04	08/02/04	02/01/05	08/03/05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

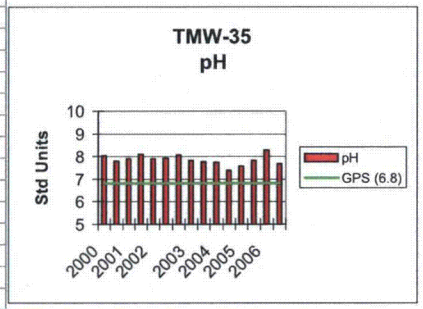


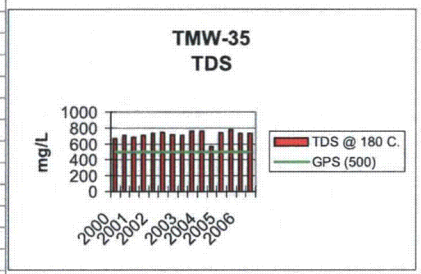


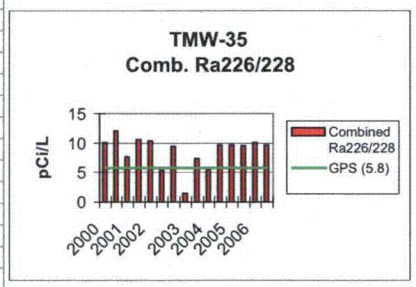


KENNECOTT URANIUM COMPANY																
TMW-35																
NORTHING: 149,509.35 EASTING: 327,198.92	Groundwater Protection	2000		2001		2002			2003		2004		2005		2006	
ND = Non-detectable	Standard	02/07/00	08/01/00	02/20/01	08/09/01	02/05/02	07/22/02	08/05/02	02/04/03	08/04/03	02/03/04	08/03/04	02/01/05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

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

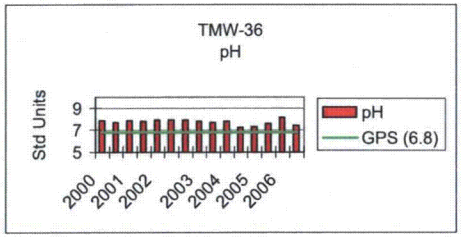


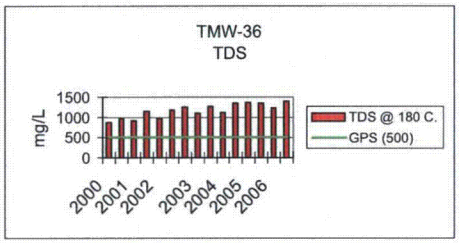


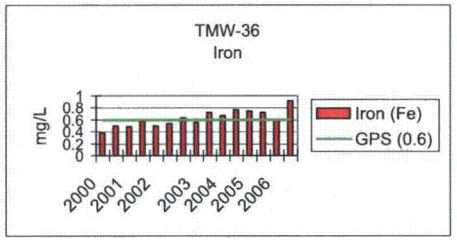


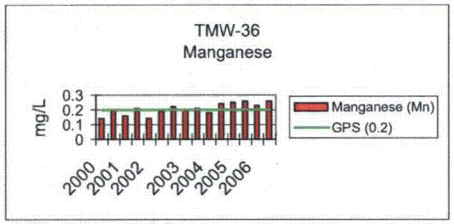
KENNECOTT URANIUM COMPANY																
TMW-36																
NORTHING: 149,108.62 EASTING: 327,007.02	Groundwater Protection	2000		2001		2002			2003		2004		2005		2006	
ND = Non-detectable	Standard	02/07/00	08/01/00	02/20/01	08/14/01	02/05/02	07/22/02	08/05/02	02/04/03	08/04/03	02/03/04	08/02/04	02/01/05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

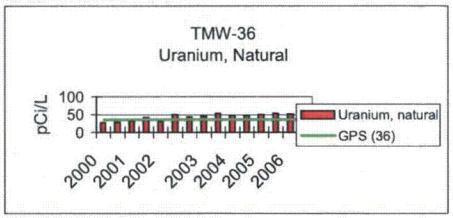
KENNECOTT URANIUM COMPANY	
TMW-36	
NORTHING: 149,108.62 EASTING: 327,007.02	Groundwater Protection
ND = Non-detectable	Standard
FIELD DATA mg/l:	(GPS)
Temperature (C)	as of 5/26/05
pH (Std. Units)	
Cond. (umho/cm)	
TDS	
MAJOR IONS mg/l:	
Alk-CaCO3	
Bicarbonate (HCO3)	
Calcium (Ca)	
Carbonate (CO3)	
Chloride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

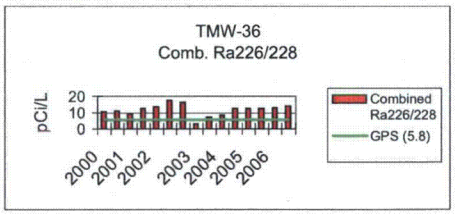






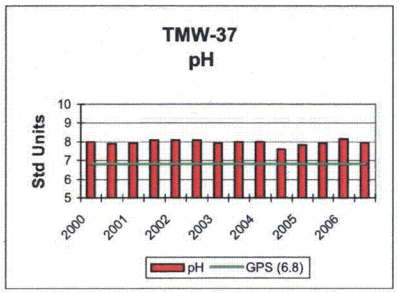


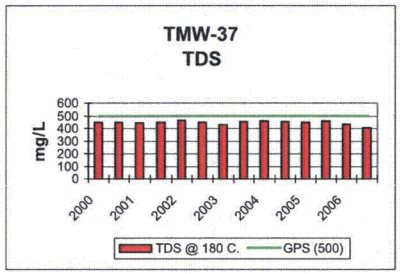


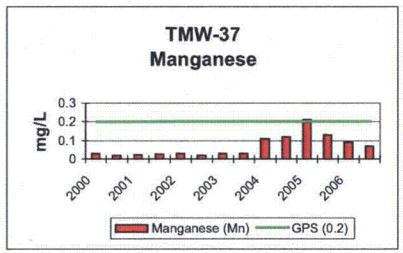


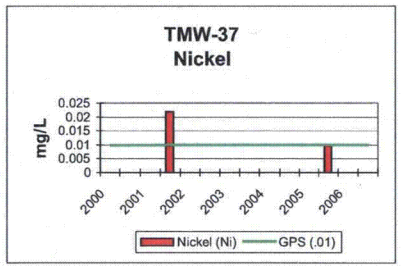
KENNECOTT URANIUM COMPANY															
TMW-37															
NORTHING: 148,455.68	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 326,999.77	Protection														
ND = Non-detectable	Standard	02/02/00	08/01/00	02/20/01	08/14/01	02/05/02	08/06/02	02/04/03	08/04/03	02/04/04	08/02/04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

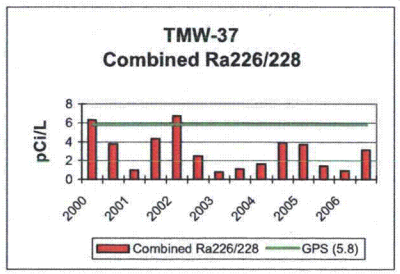
KENNECOTT URANIUM COMPANY	
TMW-37	
NORTHING: 148,455.68 EASTING: 326,999.77	Groundwater Protection
ND = Non-detectable	Standard
FIELD DATA mg/l:	(GPS)
Temperature (C)	as of 5/26/05
pH (Std. Units)	
Cond. (umho/cm)	
TDS	
MAJOR IONS mg/l:	
Alk-CaCO3	
Bicarbonate (HCO3)	
Calcium (Ca)	
Carbonate (CO3)	
Chloride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



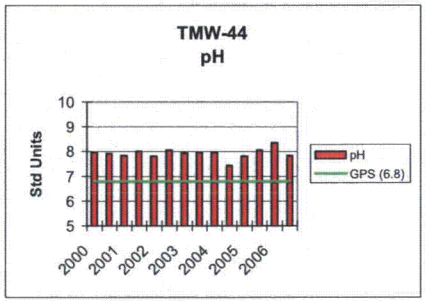


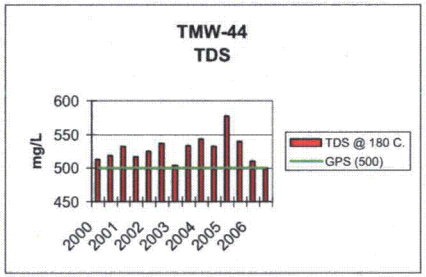


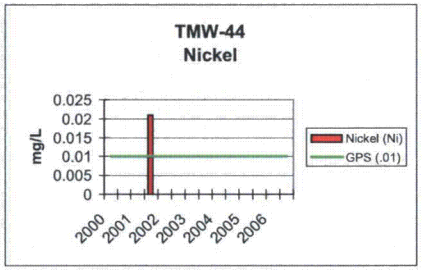


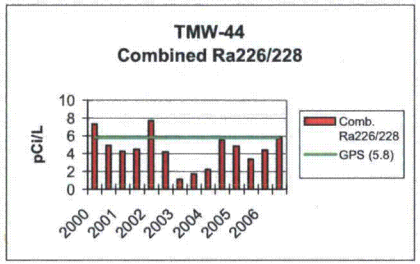


KENNECOTT URANIUM COMPANY															
TMW-44															
NORTHING: 147,612.17 EASTING: 325,588.96	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	02/07/00	08/02/00	02/20/01	08/14/01	02/11/02	08/06/02	02/06/03	08/05/03	02/04/04	08/03/04	02/02/05	08/04/05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



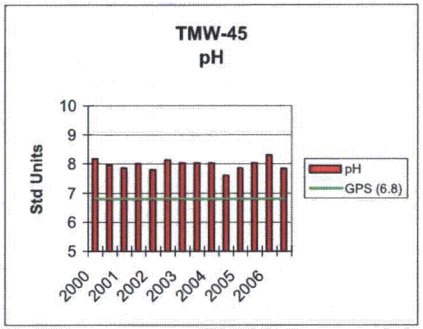


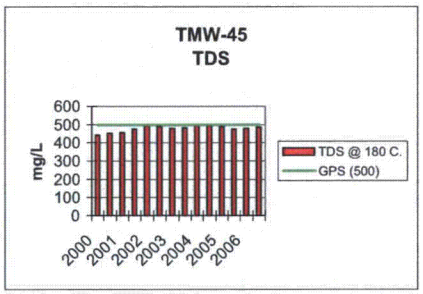


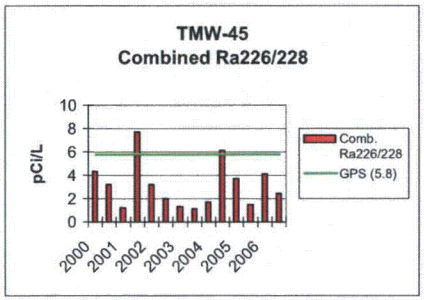


KENNECOTT URANIUM COMPANY															
TMW-45															
NORTHING: 147,619.66 EASTING: 326,196.14	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	02/07/00	08/02/00	02/20/01	08/02/01	02/11/02	08/06/02	02/06/03	08/05/03	02/04/04	08/03/04	02/02/05	08/04/05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

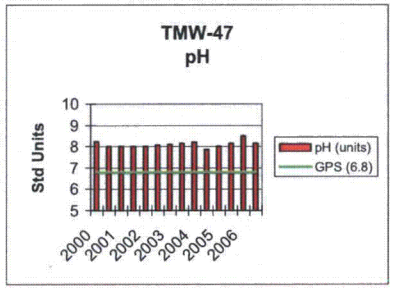
KENNECOTT URANIUM COMPANY	
TMW-45	
NORTHING: 147,619.66 EASTING: 326,196.14	Groundwater Protection
ND = Non-detectable	Standard
FIELD DATA mg/l:	(GPS)
Temperature (C)	as of 5/26/05
pH (Std. Units)	
Cond (umho/cm)	
TDS	
MAJOR IONS mg/l:	
Alk-CaCO3	
Bicarbonate (HCO3)	
Calcium (Ca)	
Carbonate (CO3)	
Chloride (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 (TI)	
Vanadium (V2O5)	
Zinc (ZN)	
RADIOMETRIC pCi/l:	
Uranium, natural	GPS (36)
Radium 226	
Radium Precision +/-	
Radium 228	
Radium Precision +/-	
Comb. Ra226/228	GPS (5.8)
Thorium 230	GPS (7.0)
Thorium Precision +/-	
Lead (Pb210)	GPS (8.9)
Lead Precision +/-	
Gross Alpha	GPS (15)
Gross Alpha Precision +/-	
QUALITY ASSURANCE DATA:	
TDS A/C Balance (dec. %)	
(LAB: Energy Labs Inc. unless noted.)	

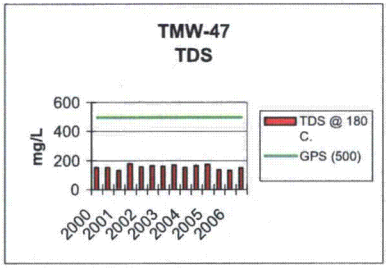


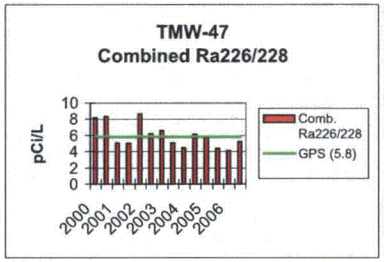




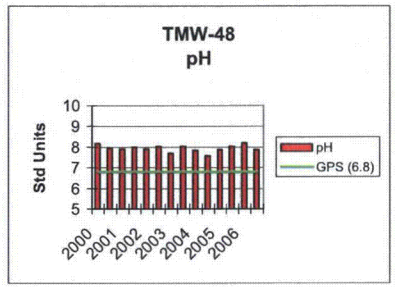
KENNECOTT URANIUM COMPANY															
TMW-47															
NORTHING: 147,310.10	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 326,491.24	Protection														
ND = Non-detectable	Standard	02/07/00	08/02/00	02/22/01	08/02/01	02/05/02	08/21/02	02/06/03	08/05/03	02/10/04	08/03/04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

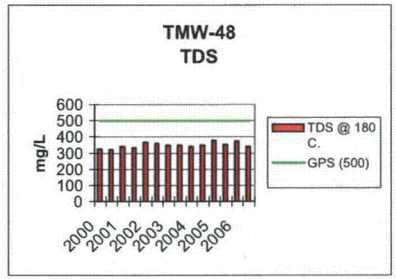


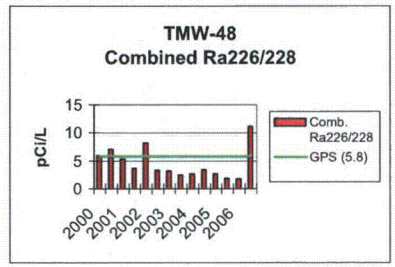




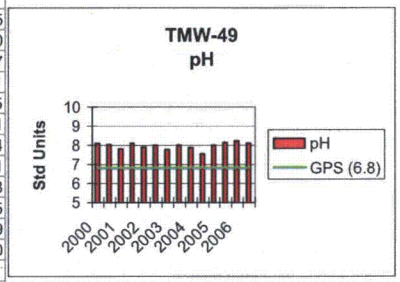
KENNECOTT URANIUM COMPANY															
TMW-48															
NORTHING: 147,312.58	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 326,482.99	Protection														
ND = Non-detectable	Standard	2/3/00	8/2/00	2/22/01	8/2/01	2/5/02	8/21/02	2/6/03	8/5/03	2/10/04	8/3/04	2/2/05	8/4/05	2/2/06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

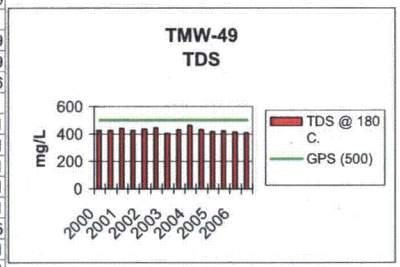


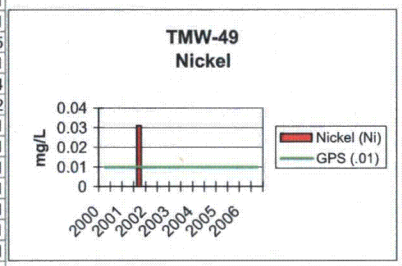


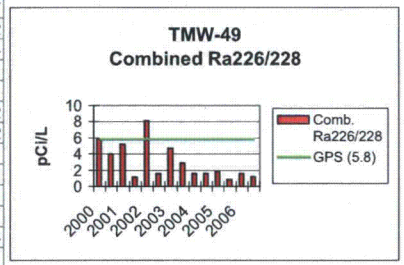


KENNECOTT URANIUM COMPANY															
TMW-49															
NORTHING:147,708.93 EASTING:324,836.10	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	03/08/00	09/06/00	03/21/01	09/04/01	03/06/02	09/04/02	03/05/03	09/15/03	3/9/2004	9/15/2004	3/1/2005	12/17/2005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

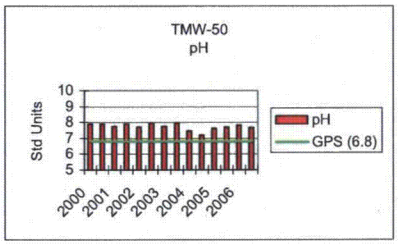


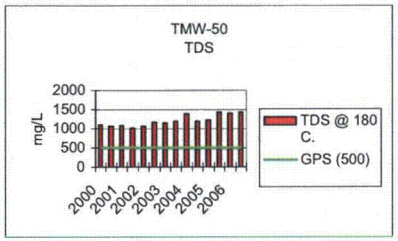


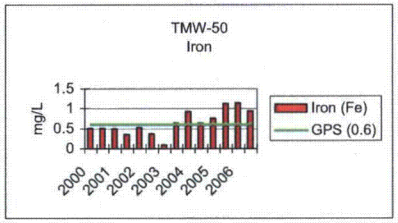


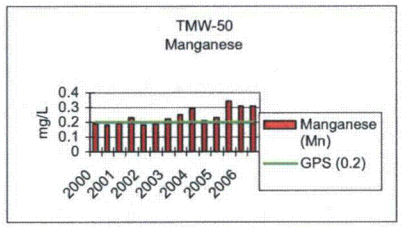


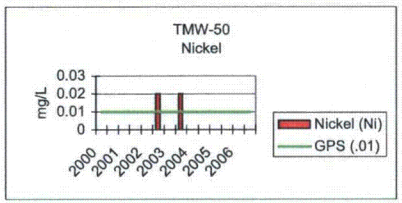
KENNECOTT URANIUM COMPANY															
TMW-50															
NORTHING: 148,198.81 EASTING: 324,697.71	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	3/8/00	9/6/00	3/21/01	9/4/01	3/6/02	9/4/02	3/5/03	9/15/03	3/9/04	9/15/04	3/1/04	12/16/05	3/2/06	9/5/06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

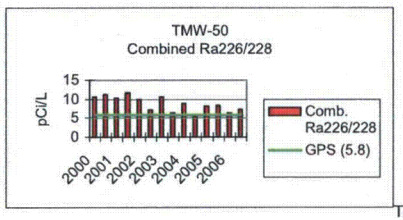




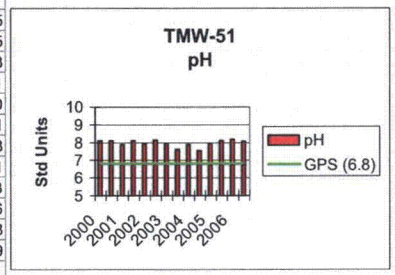


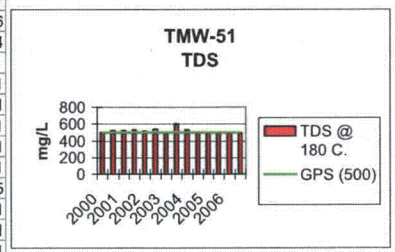


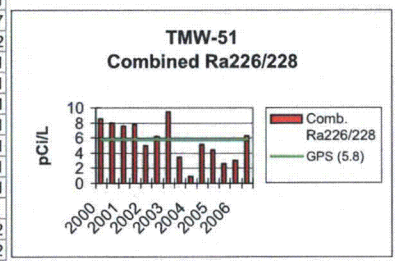




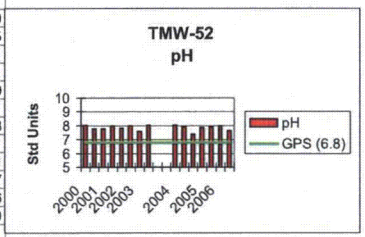
KENNECOTT URANIUM COMPANY															
TMW-51															
NORTHING: 147,995.26	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 324,449.18	Protection														
ND = Non-detectable	Standard	03/08/00	09/06/00	03/21/01	09/04/01	03/12/02	09/04/02	03/05/03	09/15/03	03/11/04	09/14/04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

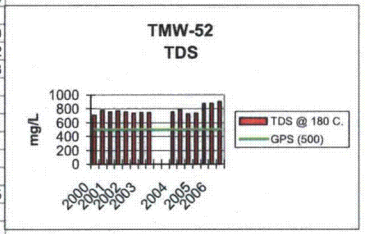


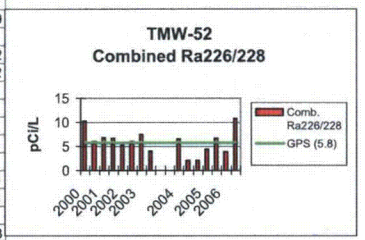




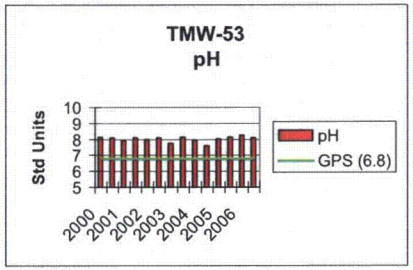
KENNECOTT URANIUM COMPANY																		
TMW-52																		
NORTHING: 148,316.56	Groundwater	2000		2001		2002		2003				2004			2005		2006	
EASTING: 324,221.64	Protection																	
ND = Non-detectable	Standard	3/9/00	9/6/00	3/21/01	9/4/01	3/7/02	9/4/02	3/5/03	9/15/03	10/22/03	11/10/03	1/13/04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

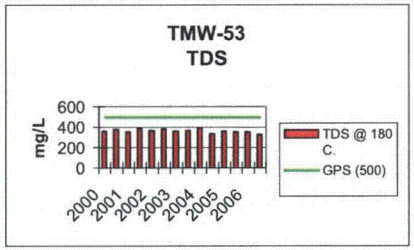


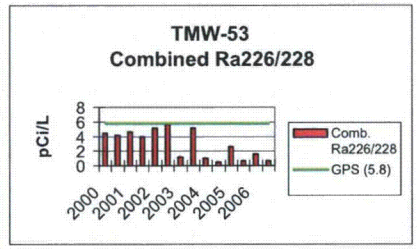




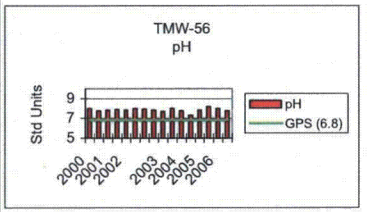
KENNECOTT URANIUM COMPANY															
TMW-53															
NORTHING: 147,849.28 EASTING: 323,913.72	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	3/9/00	9/6/00	3/22/01	9/4/01	3/7/02	9/5/02	3/5/03	9/17/03	3/9/04	9/14/04	3/2/05	12/16/05	3/1/06	9/5/06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

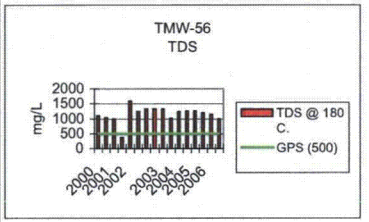


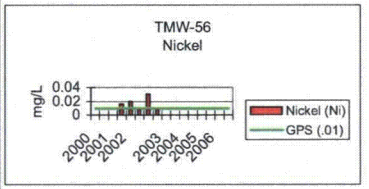


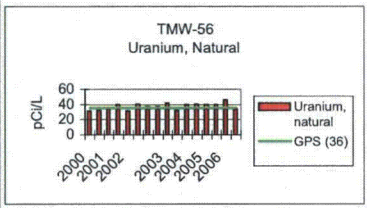


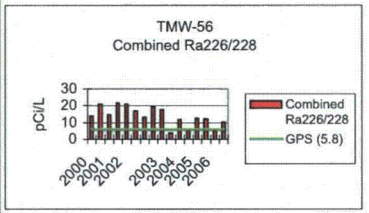
KENNECOTT URANIUM COMPANY																	
TMW-56																	
NORTHING: 149,105.02 EASTING: 324,418.67	Groundwater Protection	2000		2001		2002				2003		2004		2005		2006	
ND = Non-detectable	Standard	3/9/00	9/7/00	3/22/01	9/4/01	3/12/02	7/23/02	9/5/02	10/10/02	3/5/03	9/17/03	3/11/04	9/15/04	3/2/05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

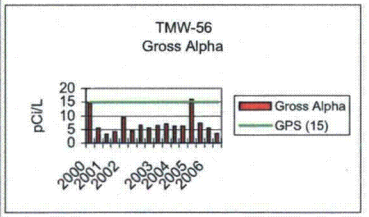






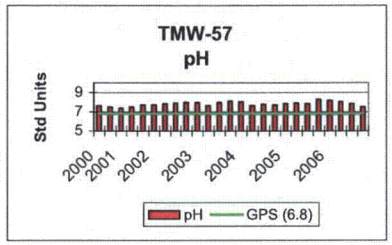


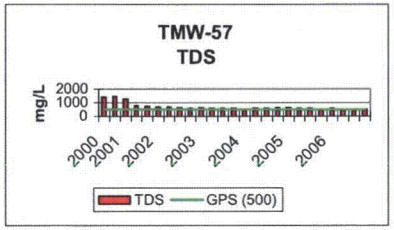


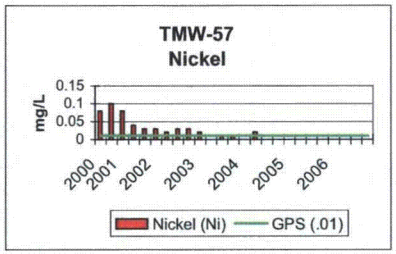


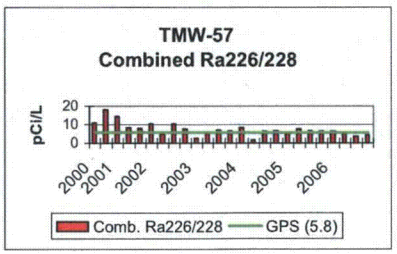
KENNECOTT URANIUM COMPANY																				
TMW-57																				
NORTHING: 149,296.82	Groundwater	2000		2001			2002				2003				2004				2005	
EASTING: 324,590.47	Protection																			
ND = Non-detectable	Standard	03/09/00	09/07/00	03/26/01	07/02/01	10/02/01	01/08/02	04/08/02	07/10/02	10/03/02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

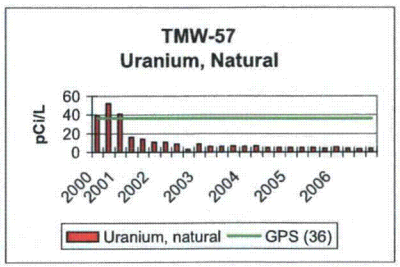
KENNECOTT URANIUM COMPANY							
TMW-57							
NORTHING: 149,296.82 EASTING: 324,590.47	Groundwater Protection			2006			
ND = Non-detectable	Standard	7/11/2005	11/8/2005	1/11/2006	4/10/2006	7/3/2006	10/5/2006
FIELD DATA mg/l:	(GPS)						
Temperature (C)	as of 5/26/05	19	8.8	9	12.3	17.9	13.8
pH (Std.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





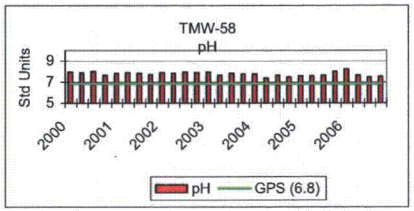


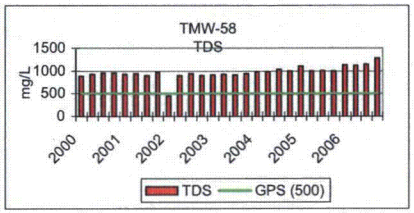


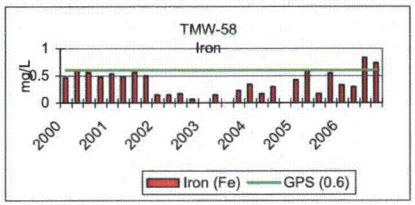


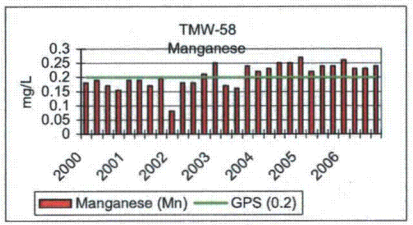
KENNECOTT URANIUM COMPANY																						
TMW-58																						
NORTHING: 148,915.74	Groundwater	2000				2001				2002				2003				2004				2005
EASTING: 324,570.92	Protection																					
ND = Non-detectable	Standard	1/4/00	4/4/00	7/12/00	10/3/00	1/10/01	4/3/01	7/2/01	10/2/01	1/9/02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

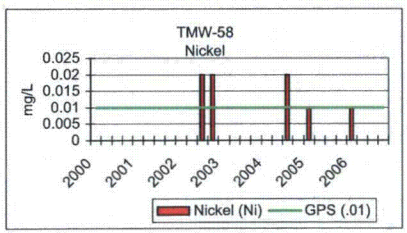
KENNECOTT URANIUM COMPANY								
TMW-58								
NORTHING: 148,915.74 EASTING: 324,570.92	Groundwater Protection				2006			
ND = Non-detectable	Standard	4/6/05	7/11/05	11/8/05	1/11/06	4/10/06	7/3/06	10/5/06
FIELD DATA mg/l:	(GPS)							
Temperature (C)	as of 5/26/05	13	23	9.7	8.5	13	23.5	16.2
pH (Std.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

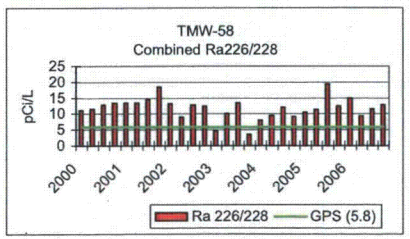






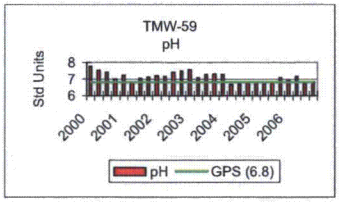


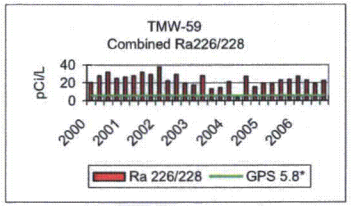


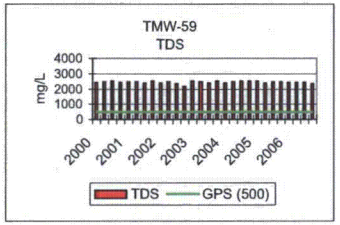


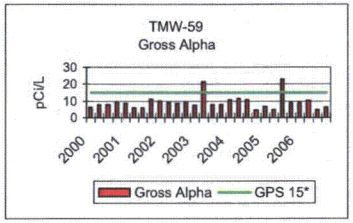
KENNECOTT URANIUM COMPANY																					
TMW-59																					
NORTHING: 148,403.85	Groundwater	2000				2001				2002				2003				2004			
EASTING: 325,013.86	Protection																				
ND = Non-detectable	Standard	01/04/00	04/04/00	07/12/00	10/03/00	01/10/01	04/03/01	07/02/01	10/02/01	01/08/02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

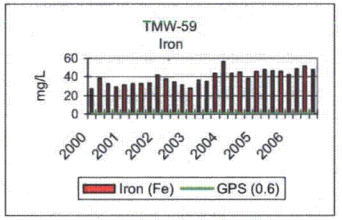
KENNECOTT URANIUM COMPANY									
TMW-59									
NORTHING: 148,403.85 EASTING: 325,013.86	Groundwater Protection	2005				2006			
ND = Non-detectable	Standard	01/05/05	04/06/05	07/11/05	11/07/05	01/11/06	04/10/06	07/03/06	10/05/06
FIELD DATA mg/l:	(GPS)								
Temperature (C)	as of 5/26/05	9	11	15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

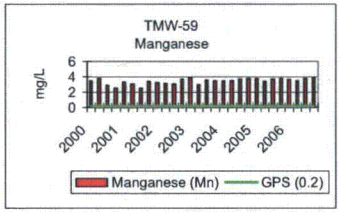


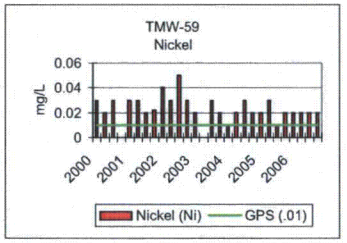




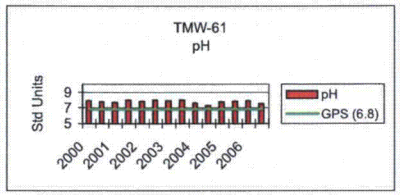


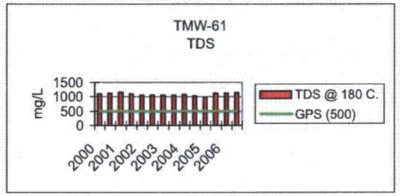


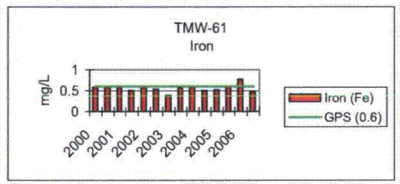


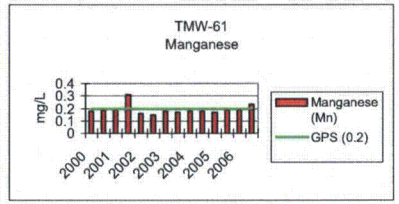


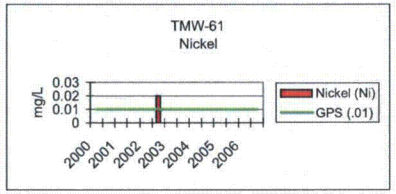
KENNECOTT URANIUM COMPANY															
TMW-61															
NORTHING: 148,422.32 EASTING: 324,592.68	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	3/9/00	9/7/00	3/22/01	9/4/01	3/12/02	9/5/02	3/10/03	9/17/03	3/9/04	9/15/04	3/2/05	12/16/05	3/2/06	9/11/06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

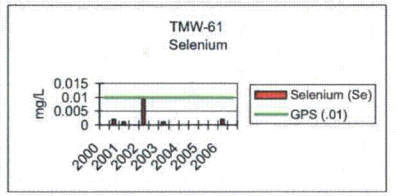


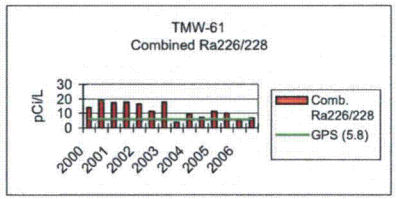




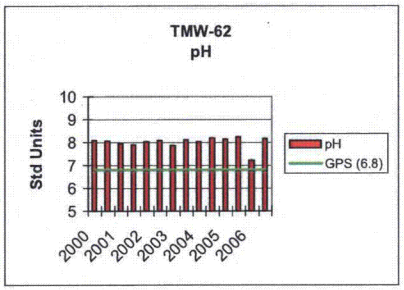


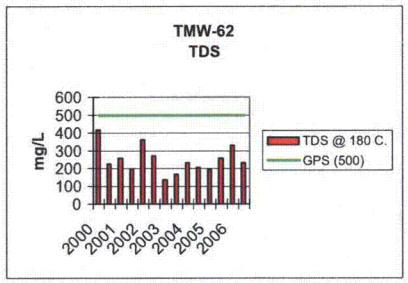


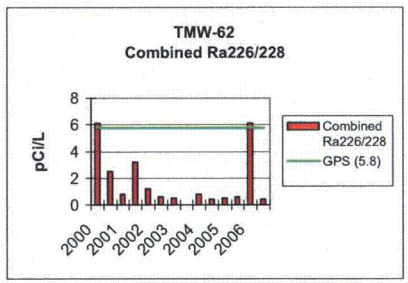




KENNECOTT URANIUM COMPANY															
TMW-62															
NORTHING: 148,789.00	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 324,277.11	Protection														
ND = Non-detectable	Standard	05/08/00	11/07/00	05/07/01	11/12/01	05/07/02	11/11/02	05/13/03	11/11/03	5/4/2004	11/1/2004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

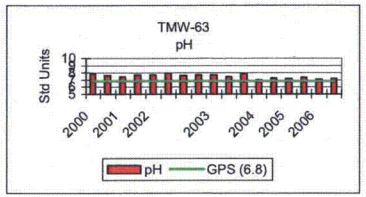


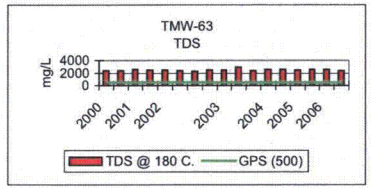


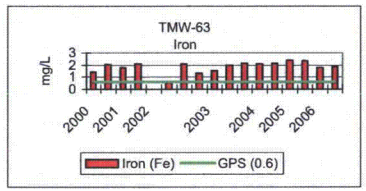


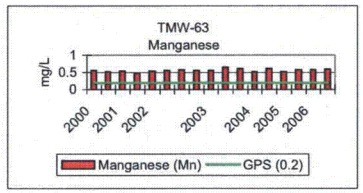
KENNECOTT URANIUM COMPANY																	
TMW-63																	
NORTHING: 148,924.39 EASTING: 325,009.90	Groundwater Protection	2000		2001		2002				2003			2004		2005		2006
ND = Non-detectable	Standard	05/08/00	11/07/00	05/07/01	11/12/01	05/07/02	07/25/02	10/15/02	11/11/02	03/10/03	05/13/03	11/12/03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

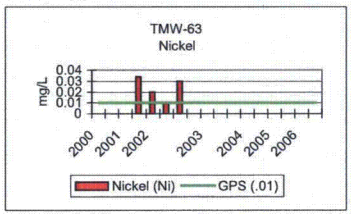
KENNECOTT URANIUM COMPANY		
TMW-63		
NORTHING: 148,924.39 EASTING: 325,009.90	Groundwater Protection	
ND = Non-detectable	Standard	11/19/06
FIELD DATA mg/l:	(GPS)	
Temperature (C)	as of 5/26/05	11.4
pH (Std. Units)		6.54
Cond. (umho/cm)		305
TDS		
MAJOR IONS mg/l:		
Alk - CaCO3		478
Bicarbonate (HCO3)		584
Calcium (Ca)		619
Carbonate (CO3)		-1
Chloride (Cl)		81
Fluoride (F)		-0.1
Magnesium (Mg)		42.1
Nitrate - N (NO3)		-0.1
Potassium (K)		6.9
Silica (SiO2)		21
Sodium (Na)		89.5
Sulfate (SO4)		1220
NON-METALS:		
Cyanide (CN)		-0.005
PHYSICAL PROPERTIES:		
Cond. (umho/cm)		2960
pH	GPS (6.8)	7.17
TDS @ 180 C.	GPS (500)	2390
TRACE METALS mg/l:		
Aluminum (Al)	GPS (1.8)	-0.1
Arsenic (As)	GPS (.05)	-0.001
Barium (Ba)		-0.1
Beryllium (Be)	GPS (.01)	-0.01
Boron (B)		0.2
Cadmium (Cd)	GPS (.01)	-0.005
Chromium (Cr)	GPS (.05)	-0.01
Cobalt (Co)		-0.001
Copper (Cu)		-0.01
Iron (Fe)	GPS (0.6)	1.9
Lead (Pb)		-0.01
Manganese (Mn)	GPS (0.2)	0.59
Mercury (Hg)		-0.0002
Molybdenum (Mo)		-0.01
Nickel (Ni)	GPS (.01)	-0.01
Selenium (Se)	GPS (.01)	0.003
Silver (Ag)		-0.01
Thallium (Tl)		-0.01
Vanadium (V2O5)		-0.1
Zinc (ZN)		0.02
RADIOMETRIC pCi/l:		
Uranium, natural	GPS (36)	1.5
Radium 226		5.8
Radium Precision +/-		1.1
Radium 228		9.7
Radium Precision +/-		1.1
Combined Ra226/228	GPS (5.8)	15.5
Thorium 230	GPS (7.0)	-0.2
Thorium Precision +/-		
Lead (Pb210)	GPS (8.9)	-1
Lead Precision +/-		
Gross Alpha	GPS (15)	5.1
Gross Alpha Precision +/-		0.9
QUALITY ASSURANCE DATA:		
TDS A/C Balance (dec. %)		1.01
(LAB: Energy Labs Inc. unless noted.)		

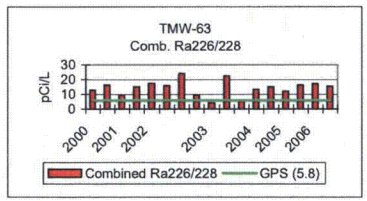


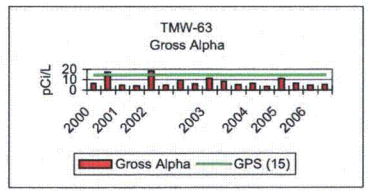




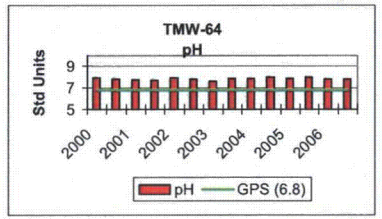


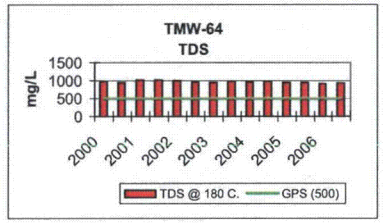


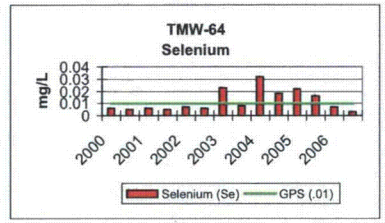


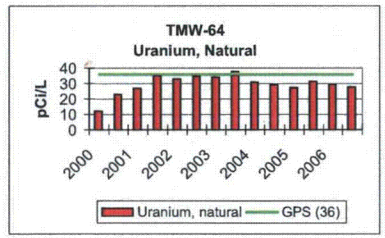


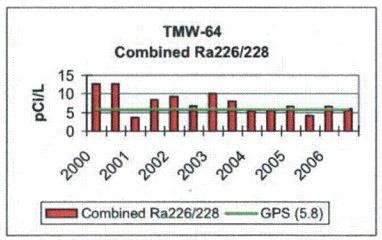
KENNECOTT URANIUM COMPANY															
TMW-64															
NORTHING: 149,797.71 EASTING: 324,991.71	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	05/08/00	11/07/00	05/07/01	11/12/01	05/07/02	11/11/02	05/13/03	11/11/03	05/04/04	11/01/04	05/02/05	12/13/05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



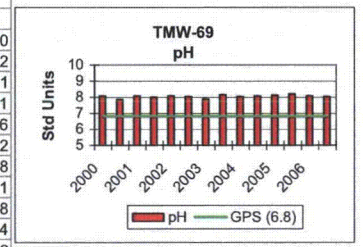


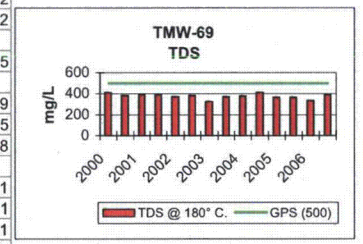


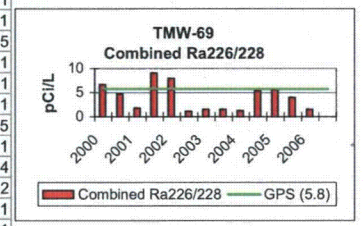




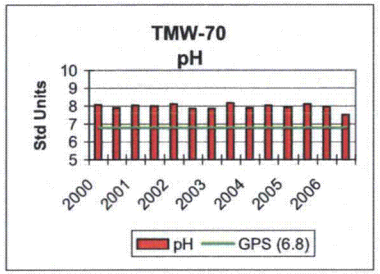
KENNECOTT URANIUM COMPANY															
TMW-69															
NORTHING: 149,649.27 EASTING: 324,659.43	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	5/8/00	11/9/00	5/10/01	11/12/01	5/7/02	11/11/02	5/13/03	11/11/03	5/4/04	11/1/04	5/2/05	12/20/05	5/2/06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

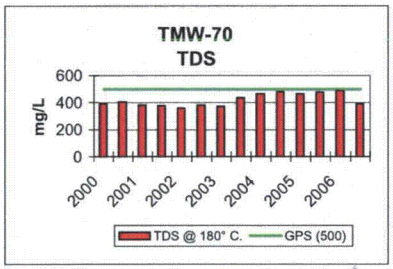


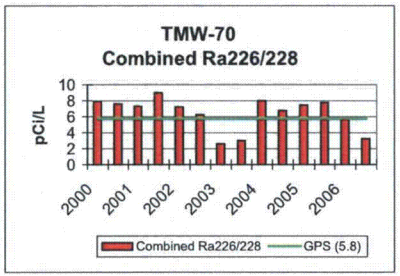




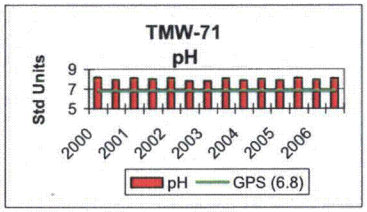
KENNECOTT URANIUM COMPANY															
TMW-70															
NORTHING: 149,309.09 EASTING: 324,369.82	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND=Non-detectable	Standard	5/8/00	11/9/00	5/10/01	11/13/01	5/6/02	11/13/02	5/12/03	11/11/03	5/4/04	11/2/04	5/3/05	12/19/05	5/4/06	11/28/06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

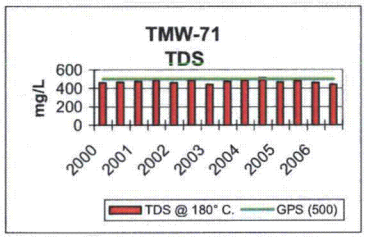


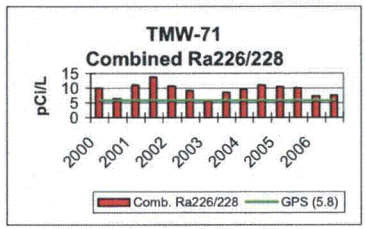




KENNECOTT URANIUM COMPANY															
TMW-71															
NORTHING: 149,835.18 EASTING: 324,420.67	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	05/08/00	11/09/00	05/10/01	11/13/01	05/06/02	11/20/02	05/12/03	11/11/03	05/05/04	11/02/04	05/03/05	12/19/05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

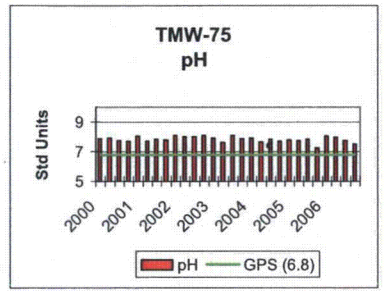


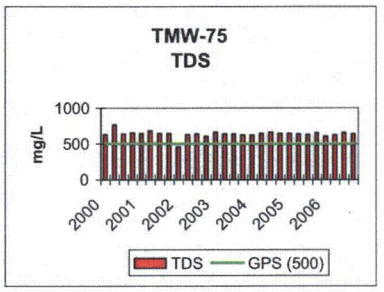


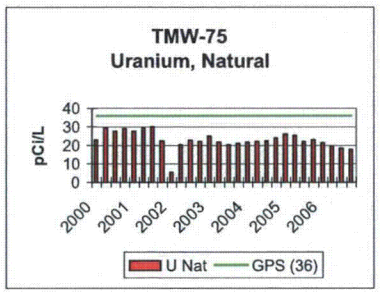


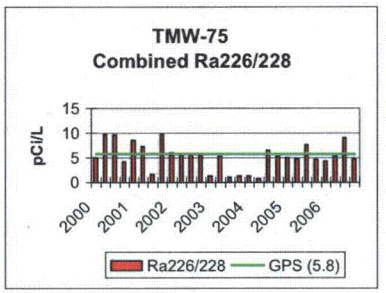
KENNECOTT URANIUM COMPANY																					
TMW-75																					
NORTHING: 149,801.01 EASTING: 325,992.80	Groundwater Protection	2000				2001				2002				2003				2004			
ND = Non-detectable	Standard	01/04/00	04/04/00	07/12/00	10/03/00	01/10/01	04/03/01	07/02/01	10/02/01	01/08/02	04/08/02	07/10/02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

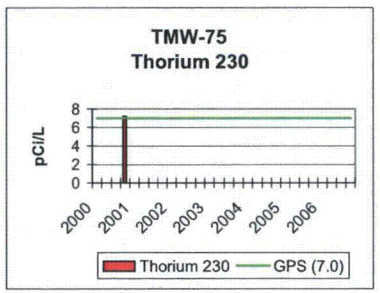
KENNECOTT URANIUM COMPANY									
TMW-75									
NORTHING: 149,801.01 EASTING: 325,992.80	Groundwater Protection	2005				2006			
ND = Non-detectable	Standard	01/05/05	04/06/05	07/11/05	11/07/05	01/16/06	04/10/06	07/03/06	10/05/06
FIELD DATA mg/l:	(GPS)								
Temperature (C)	as of 5/26/05	9	11	17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



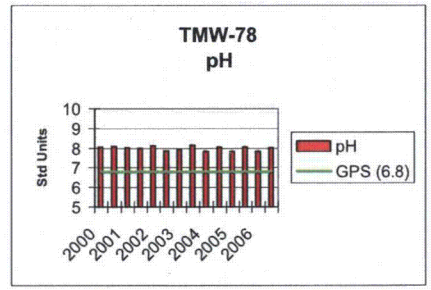


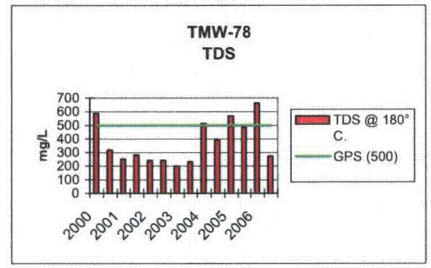


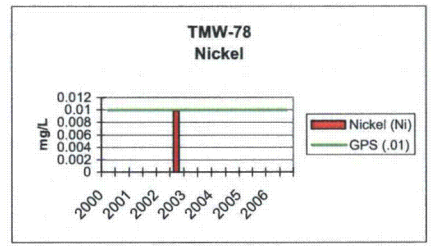


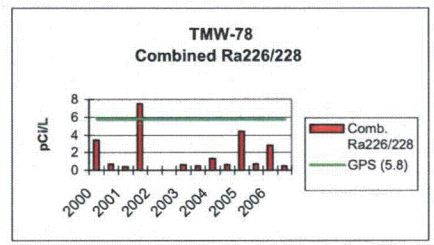


KENNECOTT URANIUM COMPANY															
TMW-78															
NORTHING: 149,900.26	Groundwater	2000		2001		2002		2003		2004		2005		2006	
EASTING: 325,592.38	Protection														
ND = Non-detectable	Standard	5/10/00	11/15/00	5/10/01	11/13/01	5/6/02	11/13/02	5/12/03	11/10/03	5/5/04	11/2/04	5/3/05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

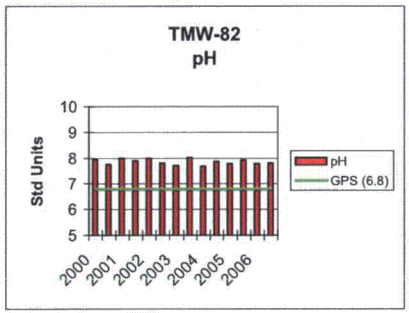


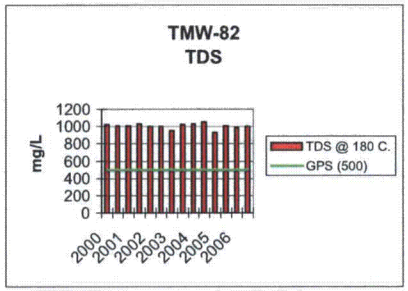


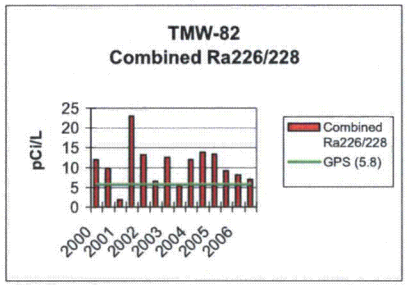




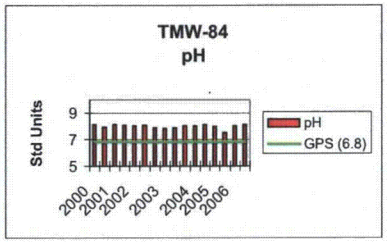
KENNECOTT URANIUM COMPANY															
TMW-82															
NORTHING: 150,302.15 EASTING: 325,987.47	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	05/10/00	11/09/00	05/17/01	11/14/01	05/06/02	11/18/02	05/12/03	11/10/03	05/05/04	11/02/04	05/03/05	12/17/05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

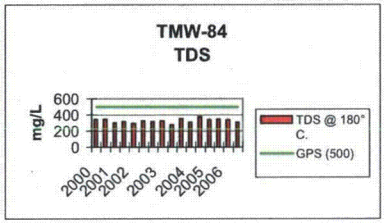


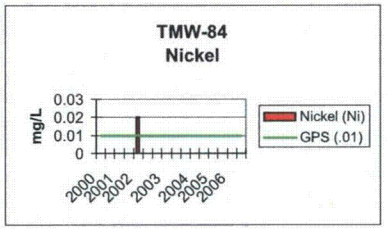


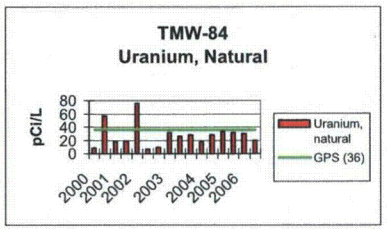


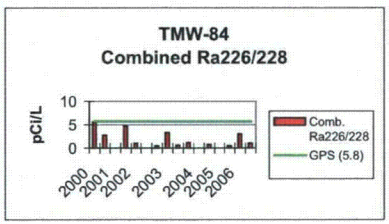
KENNECOTT URANIUM COMPANY																	
TMW-84																	
NORTHING: 150,506.27 EASTING: 326,376.61	Groundwater Protection	2000		2001		2002			2003			2004		2005		2006	
ND=Non-detectable	Standard	5/10/00	11/9/00	5/17/01	11/14/01	5/6/02	7/29/02	11/18/02	3/10/03	5/12/03	11/10/04	5/5/04	11/3/04	5/3/05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



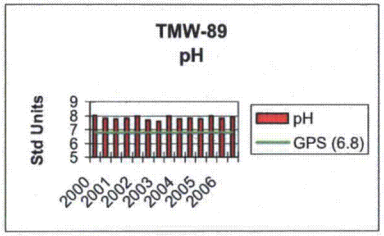


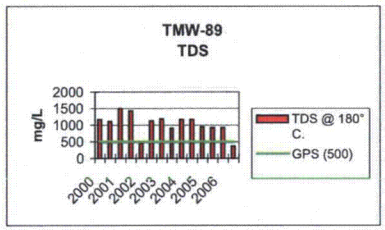


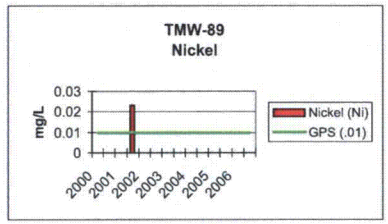


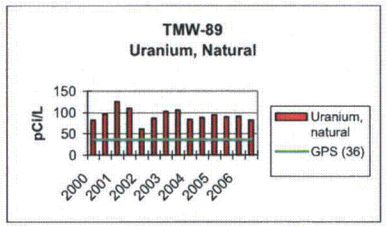


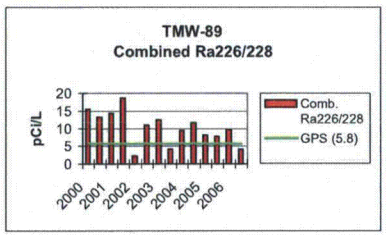
KENNECOTT URANIUM COMPANY															
TMW-89															
NORTHING: 150,809.67 EASTING: 326,137.13	Groundwater Protection	2000		2001		2002		2003		2004		2005		2006	
ND = Non-detectable	Standard	5/10/00	11/9/00	5/17/01	11/14/01	5/7/02	11/18/02	5/12/03	11/10/03	5/5/04	11/3/04	5/3/05	12/17/05	5/8/06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









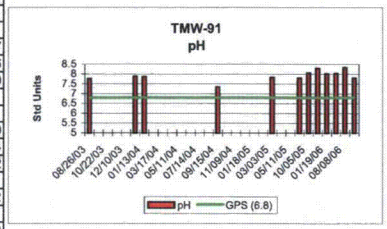


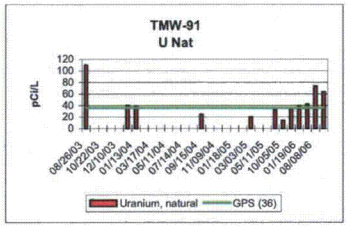
KENNECOTT URANIUM COMPANY																							
TMW-90																							
NORTHING: 148,611.42 EASTING: 323,958.91	2003				2004										Pump was down; re-started			2005					
ND = Non-detectable	08/26/03	09/08/03	09/15/03	10/14/03	01/19/04	02/11/04	03/17/04	04/06/04	05/01/04	06/10/04	07/13/04	08/05/04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

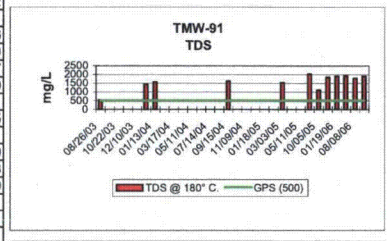
KENNECOTT URANIUM COMPANY				
TMW-90				
NORTHING: 148,611.42 EASTING: 323,958.91			2006	
ND = Non-detectable	10/05/05	10/31/05	01/19/06	04/04/06
FIELD DATA mg/l:				
Temperature (C)	12.7		8.9	13.9
pH (Std. Units)	4.69		4.68	5.16
Cond. (umho/cm)	780		924	490
TDS				
MAJOR IONS mg/l:				
Alk-CaCO3	2	-1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

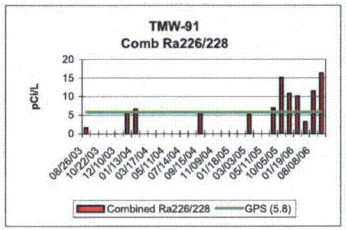
KENNECOTT URANIUM COMPANY																									
TMW-91																									
NORTHING: 148,518.38	Groundwater																								
EASTING: 323,956.86	Protection	2003						2004												2005					
ND = Non-detectable	Standard	08/26/03	09/18/03	10/22/03	11/12/03	12/10/03	12/31/03	01/13/04	02/16/04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

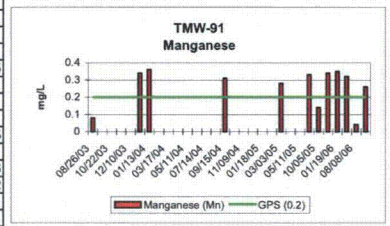
KENNECOTT URANIUM COMPANY							
TMW-91							
NORTHING: 148,518.38	Groundwater						
EASTING: 323,956.86	Protection			2006			
ND = Non-detectable	Standard	10/05/05	12/22/05	01/19/06	04/05/06	08/08/06	11/15/06
FIELD DATA mg/l:	(GPS)						
Temperature (C)	as of 5/26/05	12.7	7.8	8.4	10.8	24.9	6.7
pH (Std.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

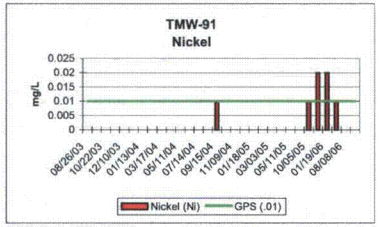


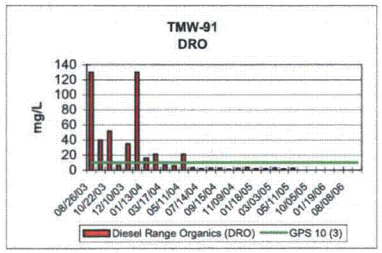




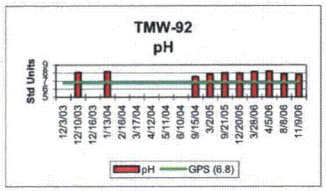


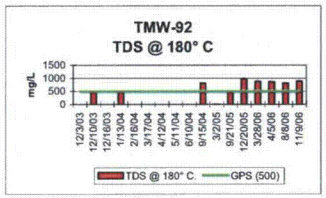


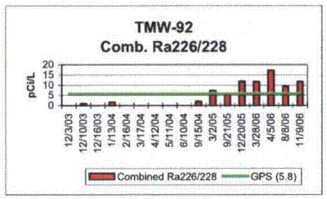




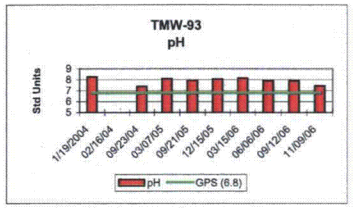
KENNECOTT URANIUM COMPANY																		
TMW-92																		
NORTHING: 148,504.47	Groundwater																	
EASTING: 323,951.33	Protection	2003			2004							2005			2006			
ND = Non-detectable	Standard	12/3/2003	12/10/03	12/16/03	01/13/04	02/16/04	03/17/04	04/12/04	05/11/04	06/10/04	09/15/04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

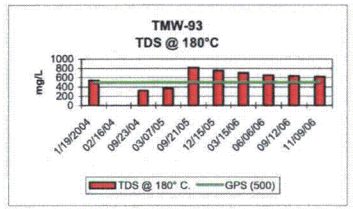


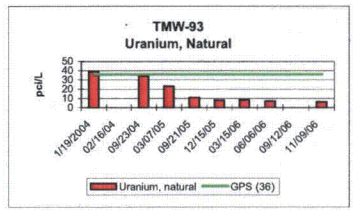


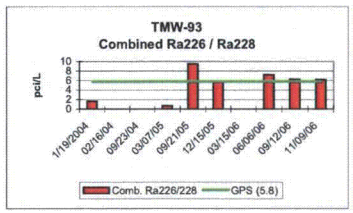


KENNECOTT URANIUM COMPANY											
TMW-93											
NORTHING: 148,399.92 EASTING: 324,099.96	Groundwater Protection	2004			2005			2006			
ND = Non-detectable	Standard	1/19/2004	02/16/04	09/23/04	03/07/05	09/21/05	12/15/05	03/15/06	06/06/06	09/12/06	11/09/06
FIELD DATA mg/l:	(GPS)										
Temperature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

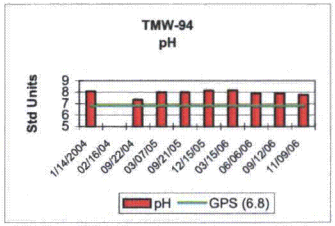


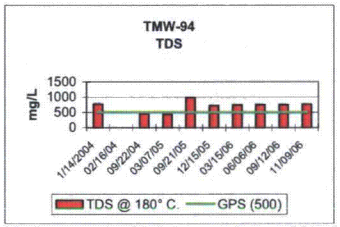


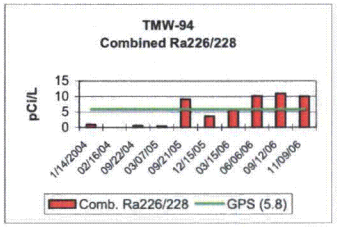




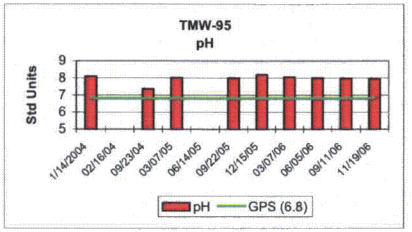
KENNECOTT URANIUM COMPANY											
TMW-94											
NORTHING: 148,400.13	Groundwater				2005			2006			
EASTING: 324,000.02	Protection	2004									
ND = Non-detectable	Standard	1/14/2004	02/16/04	09/22/04	03/07/05	09/21/05	12/15/05	03/15/06	06/06/06	09/12/06	11/09/06
FIELD DATA mg/l:	(GPS)							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

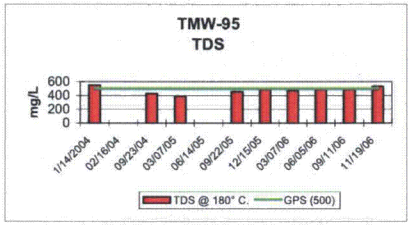


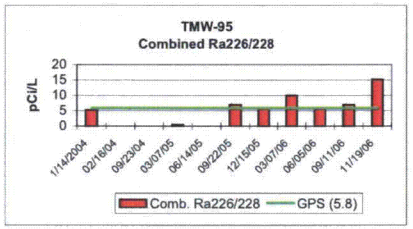




KENNECOTT URANIUM COMPANY													
TMW-95													
NORTHING: 148,399.94	Groundwater												
EASTING: 323,900.08	Protection	2004			2005					2006			
ND = Non-detectable	Standard	1/14/2004	02/16/04	09/23/04	03/07/05	06/14/05	09/22/05	12/15/05	03/07/06	06/05/06	09/11/06	11/19/06	
FIELD DATA mg/l: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

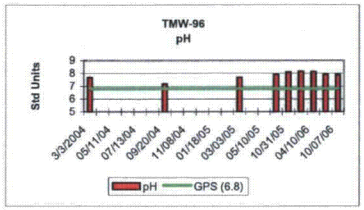


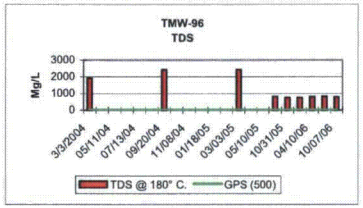


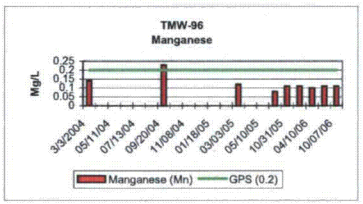


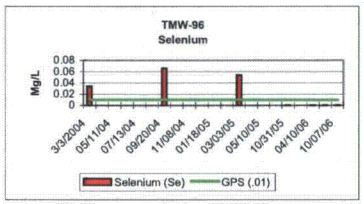
KENNECOTT URANIUM COMPANY																					
TMW-96																					
NORTHING: 148,500.01	Groundwater																				
EASTING: 323,807.75	Protection	2004										2005							2006		
ND = Non-detectable	Standard	3/3/2004	04/13/04	05/11/04	06/10/04	07/13/04	08/05/04	09/20/04	10/20/04	11/08/04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

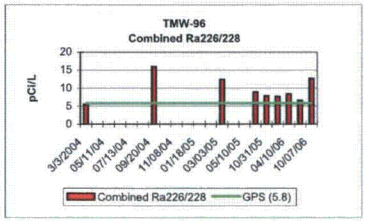
KENNECOTT URANIUM COMPANY		
TMW-96		
NORTHING: 148,500.01 EASTING: 323,807.75	Groundwater Protection	
ND = Non-detectable	Standard	10/07/06
FIELD DATA mg/l:	(GPS)	
Temperature (C)	as of 5/26/05	10.6
pH (Std. Units)		7.69
Cond. (umho/cm)		1049
TDS		
MAJOR IONS mg/l:		
Alk-CaCO3		113
Bicarbonate (HCO3)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

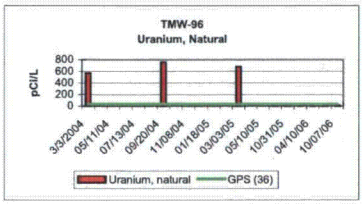




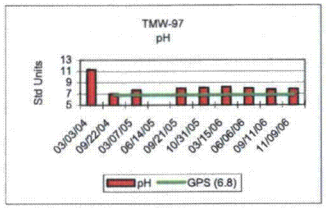


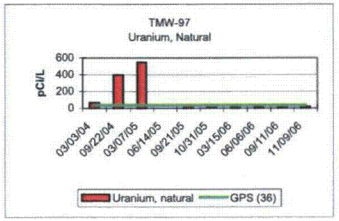


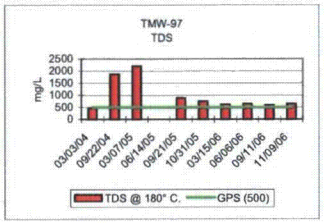


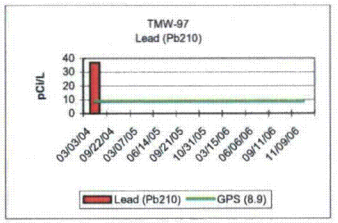


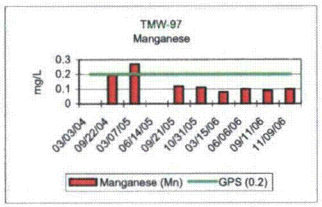
KENNECOTT URANIUM COMPANY											
TMW-97											
NORTHING: 148,599.86	Groundwater										
EASTING: 323,799.93	Protection	2004		2005				2006			
ND = Non-detectable	Standard	03/03/04	09/22/04	03/07/05	06/14/05	09/21/05	10/31/05	03/15/06	06/06/06	09/11/06	11/09/06
FIELD DATA mg/l:	(GPS)								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

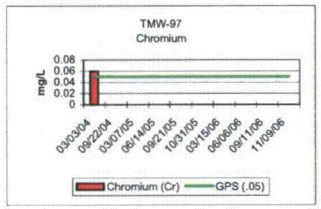


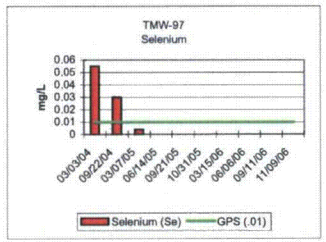


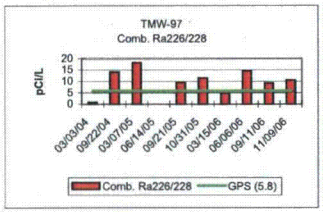




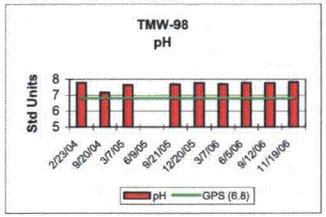


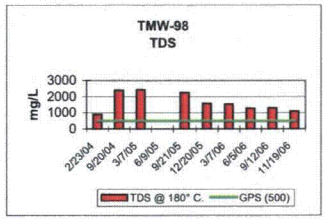


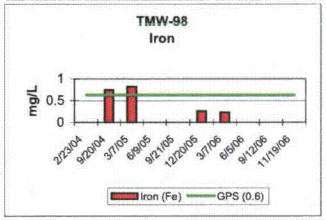


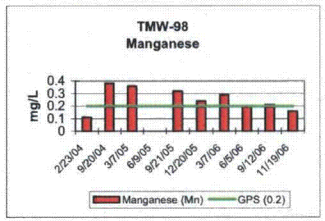


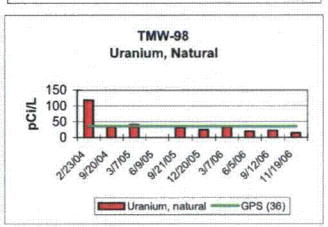
KENNECOTT URANIUM COMPANY											
TMW-98											
NORTHING: 148699.84 EASTING: 323810.19	Groundwater Protection	2004		2005				2006			
ND = Non-detectable	Standard	2/23/04	9/20/04	3/7/05	6/9/05	9/21/05	12/20/05	3/7/06	6/5/06	9/12/06	11/19/06
FIELD DATA mg/l:	(GPS)										
Temperature (C)	as of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

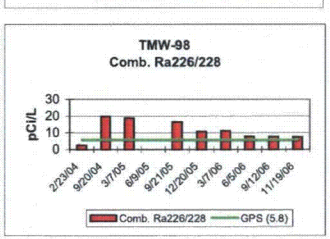




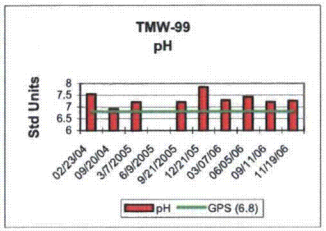


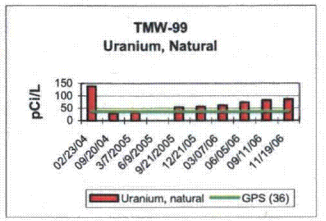


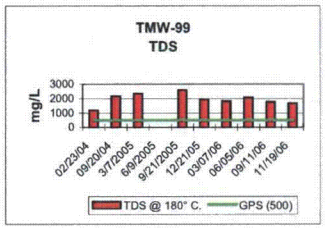


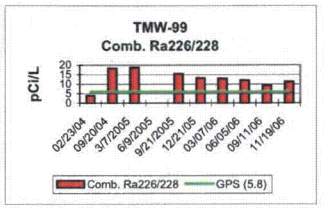


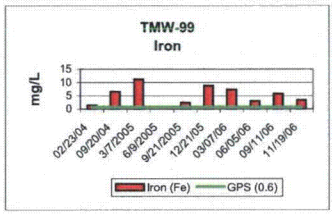
KENNECOTT URANIUM COMPANY											
TMW-99											
NORTHING: 148707.32 EASTING: 323898.85	Groundwater Protection	2004		2005				2006			
ND = Non-detectable	Standard	02/23/04	09/20/04	3/7/2005	6/9/2005	9/21/2005	12/21/05	03/07/06	06/05/06	09/11/06	11/19/06
FIELD DATA mg/l:	(GPS)										
Temperature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

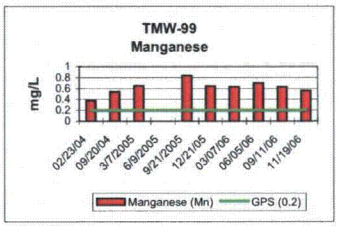


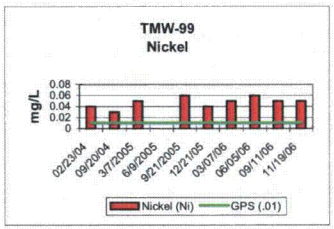




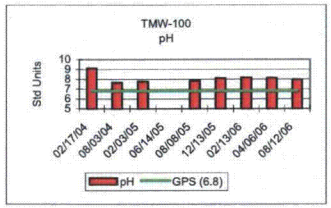


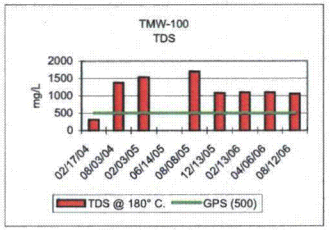


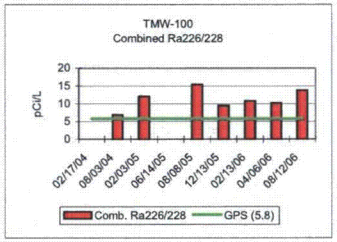


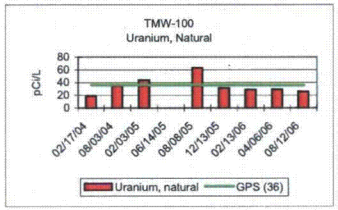


KENNECOTT URANIUM COMPANY										
TMW-100										
NORTHING: 148799.77 EASTING: 324004.42	Groundwater Protection			2005				2006		
ND = Non-detectable	Standard	02/17/04	08/03/04	02/03/05	06/14/05	08/08/05	12/13/05	02/13/06	04/06/06	08/12/06
FIELD DATA mg/l:	(GPS)									
Temperature (C)	as of 5/26/05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

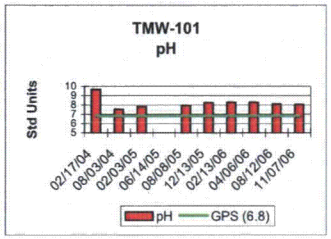


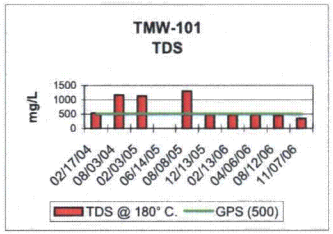


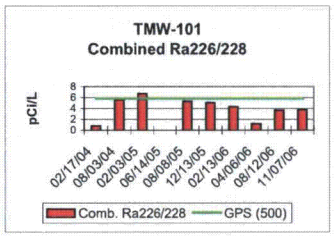




KENNECOTT URANIUM COMPANY											
TMW-101											
NORTHING: 148,800.10	Groundwater										
EASTING: 324,100.06	Protection	2004		2005				2006			
ND = Non-detectable	Standard	02/17/04	08/03/04	02/03/05	06/14/05	08/08/05	12/13/05	02/13/06	04/06/06	08/12/06	11/07/06
FIELD DATA mg/l:	(GPS)							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

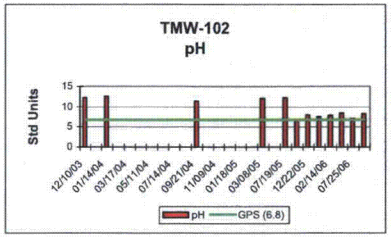


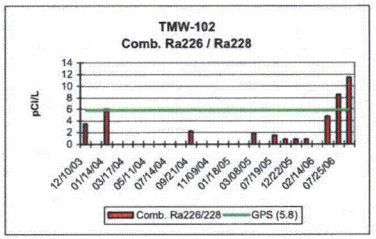


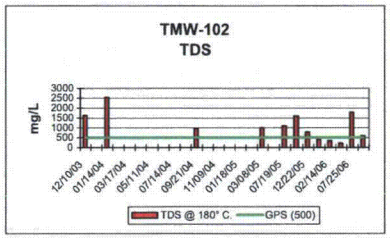


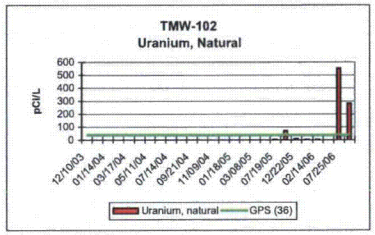
KENNECOTT URANIUM COMPANY																					
TMW-102																					
NORTHING: 148,600.02 EASTING: 323,968.63	Groundwater Protection	2003		2004												2005					
ND = Non-detectable	Standard	12/10/03	12/16/03	01/14/04	02/16/04	03/17/04	04/13/04	05/11/04	06/15/04	07/14/04	08/05/04	09/21/04	10/13/04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

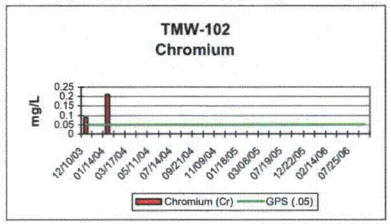
KENNECOTT URANIUM COMPANY							
TMW-102							
NORTHING: 148,600.02 EASTING: 323,968.63	Groundwater Protection		2006				
ND = Non-detectable	Standard	12/22/05	01/17/06	02/14/06	04/05/06	07/25/06	11/13/06
FIELD DATA mg/l:							
Temperature (C)		8.2	7.7	8.7	11.4	17.7	7.2
pH (Std. Units)		6.45	6.83	7.1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

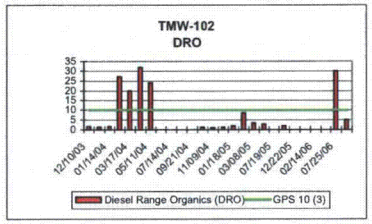


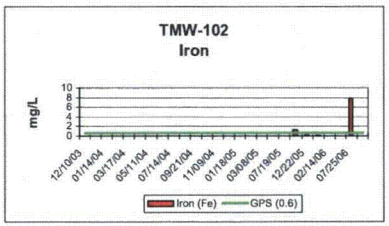


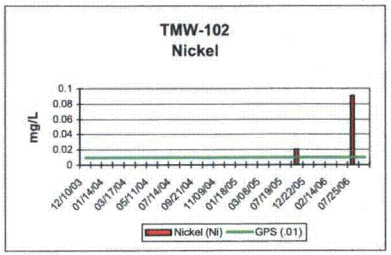




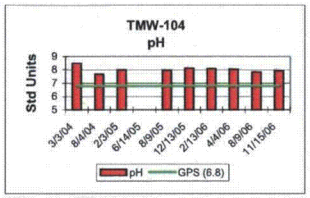


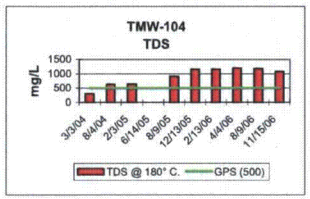


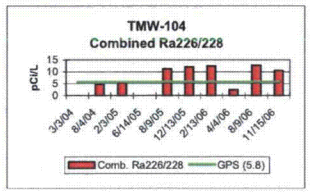


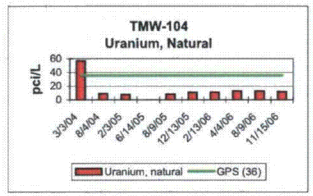


KENNECOTT URANIUM COMPANY											
TMW-104											
NORTHING: 148,508.55	Groundwater										
EASTING: 324,122.60	Protection	2004		2005				2006			
ND = Non-detectable	Standard	3/3/04	8/4/04	2/3/05	6/14/05	8/9/05	12/13/05	2/13/06	4/4/06	8/9/06	11/15/06
FIELD DATA mg/l:	(GPS)										
Temperature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



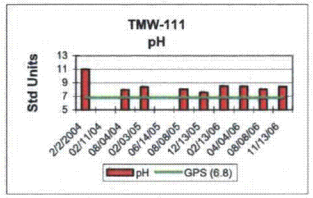


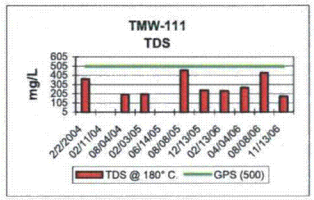




KENNECOTT URANIUM COMPANY																							
TMW-105																							
NORTHING: 148,581.02																							
EASTING: 323,943.82	2003	2004												2005								2006	
ND = Non-detectable	12/30/03	1/19/04	2/11/04	3/23/04	4/12/04	5/11/04	6/15/04	7/13/04	8/5/04	9/20/04	10/12/04	11/4/04	12/7/04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

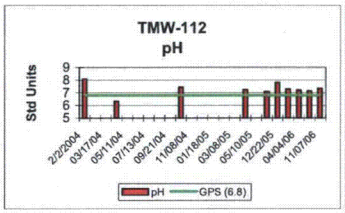
KENNECOTT URANIUM COMPANY												
TMW-111												
NORTHING: 148,800.06	Groundwater											
EASTING: 324,200.03	Protection	2004			2005				2006			
ND = Non-detectable	Standard	2/2/2004	02/11/04	08/04/04	02/03/05	06/14/05	08/08/05	12/13/05	02/13/06	04/04/06	08/08/06	11/13/06
FIELD DATA mg/l: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

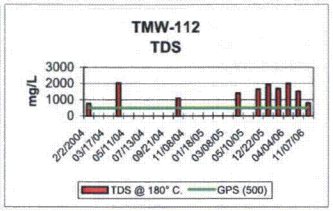


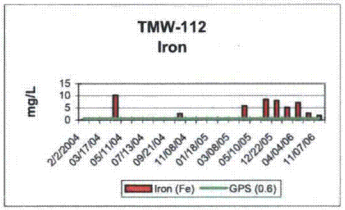


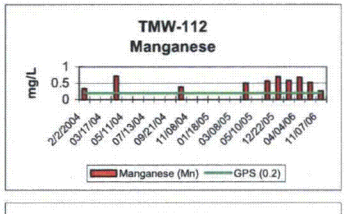
KENNECOTT URANIUM COMPANY																					
TMW-112																					
NORTHING: 148,700.09 EASTING: 324,199.95	Groundwater Protection	2004												2005							2006
ND = Non-detectable	Standard	2/2/2004	02/17/04	03/17/04	04/12/04	05/11/04	06/10/04	07/13/04	08/05/04	09/21/04	10/12/04	11/08/04	12/07/04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

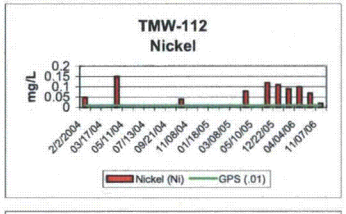
KENNECOTT URANIUM COMPANY				
TMW-112				
NORTHING: 148,700.09 EASTING: 324,199.95	Groundwater Protection			
ND = Non-detectable	Standard	04/04/06	08/08/06	11/07/06
FIELD DATA mg/l:	(GPS)			
Temperature (C)	as of 5/26/05	12.1	13.2	12
pH (Std. Units)		6.71	6.64	6.72
Cond. (umho/cm)		1260	1740	1042
TDS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

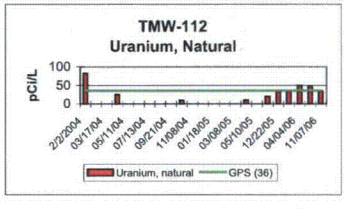


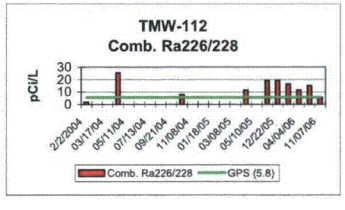




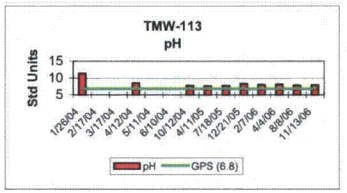


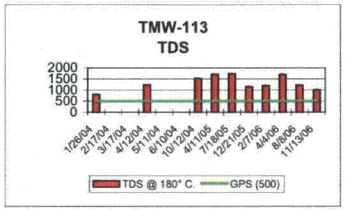


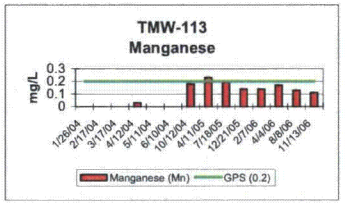


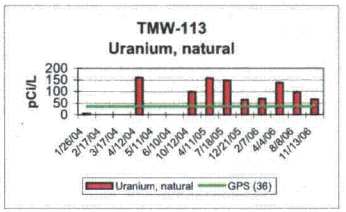


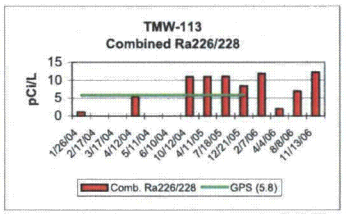
KENNECOTT URANIUM COMPANY															
TMW-113															
NORTHING: 148,600.06	Groundwater														
EASTING: 324,199.95	Protection	2004							2005			2006			
ND = Non-detectable	Standard	1/26/04	2/17/04	3/17/04	4/12/04	5/11/04	6/10/04	10/12/04	4/11/05	7/18/05	12/21/05	2/7/06	4/4/06	8/8/06	11/13/06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



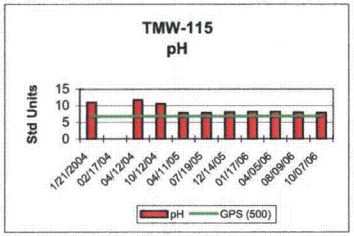


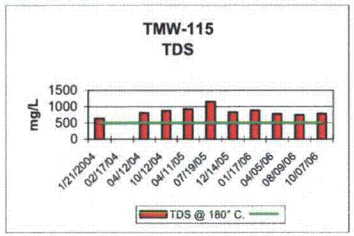


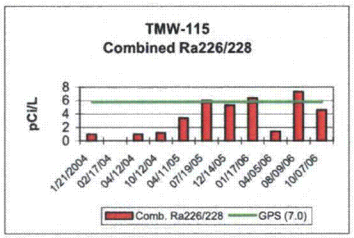




KENNECOTT URANIUM COMPANY												
TMW-115												
NORTHING: 148,499.96	Groundwater											
EASTING: 324,199.79	Protection	2004				2005			2006			
ND = Non-detectable	Standard	1/21/2004	02/17/04	04/12/04	10/12/04	04/11/05	07/19/05	12/14/05	01/17/06	04/05/06	08/09/06	10/07/06
FIELD DATA mg/l: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







Diesel Excavation
Monitor Wells

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

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

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

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

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

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

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

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

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

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

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

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

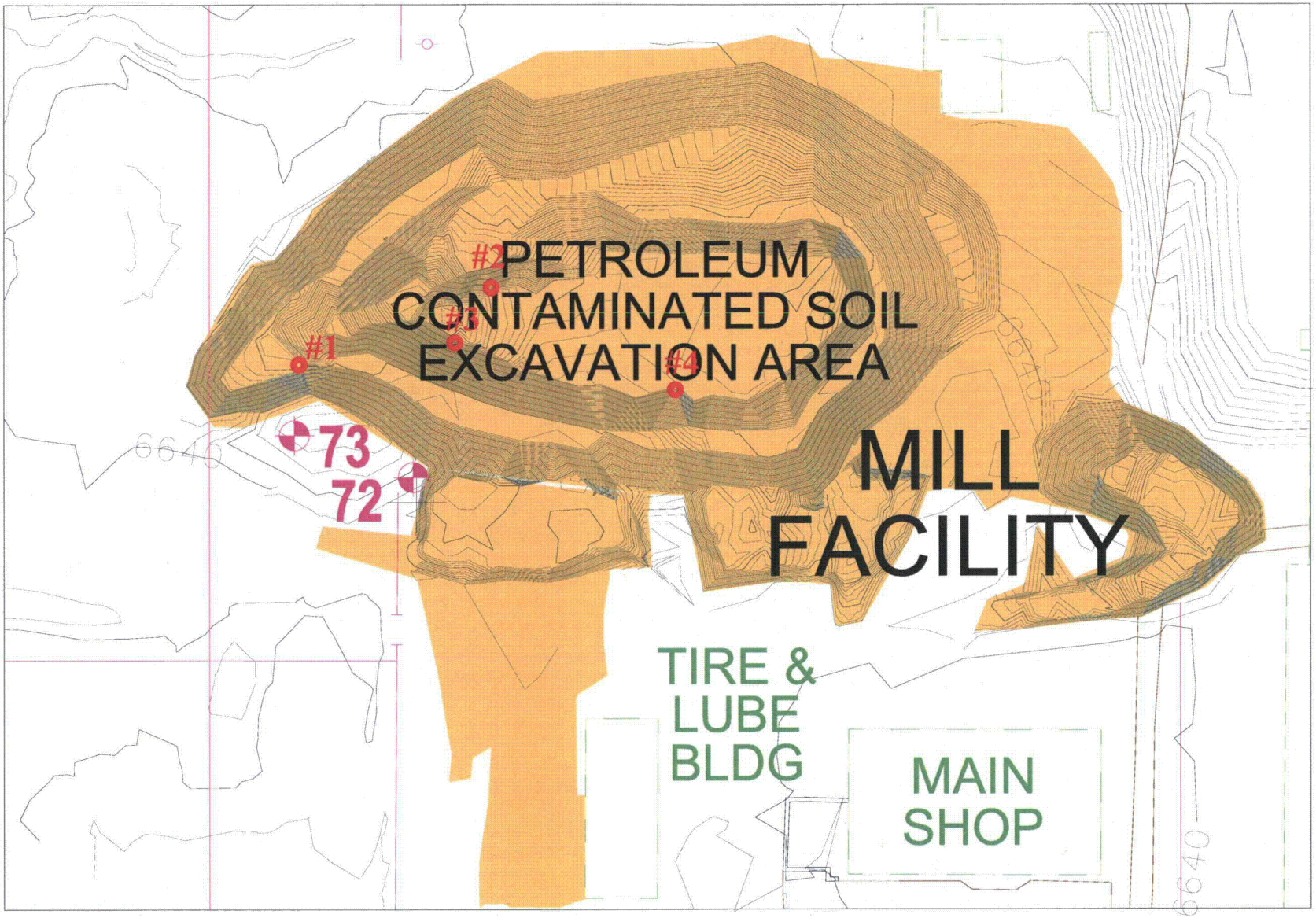
KENNECOTT URANIUM COMPAN						Pre-pump depth to water 101.22; A = 111.45 (59 gal); B = 111.44 (450 gal); C = 111.48 (932 gal)			
TMW-73									
NORTHING: 149,055.70 EASTING: 322,896.82									
ND = Non-detectable	07/25/06	08/15/06	09/05/06	10/02/06	10/26/06	11/08/06	11/08/06	11/08/06	12/13/06
FIELD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

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

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

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

Background Radionuclide Sample Locations – West End Diesel Contaminated Soil Excavation



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

LABORATORY ANALYTICAL REPORT

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

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

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

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

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

LABORATORY ANALYTICAL REPORT

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

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

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

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

LABORATORY ANALYTICAL REPORT

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

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

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

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

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

LABORATORY ANALYTICAL REPORT

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

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

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

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

LABORATORY ANALYTICAL REPORT

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

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

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

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

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

LABORATORY ANALYTICAL REPORT

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

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

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

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

LABORATORY ANALYTICAL REPORT

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

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

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

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

LABORATORY ANALYTICAL REPORT

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

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

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

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