

March 31st, 2007

Chief Administrative Officer
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

RE: Water License NWB1JER0410 Monthly SNP Report – February 2007

Following is the monthly report for February 2007 as required under Water Licence NWB1JER0410.

SNP Sampling

During the month of January 2007, 6 samples were collected, including QC/QC samples, as part of the SNP sampling program. A summary of the February 2007 sampling is provided in Table 1.

Table 1: SNP Water Sampling Summary

SNP Station	Sampling Date	Lab#	Comment
JER-SW1	12-Feb-07	L478932-1	
JER-SW3	12-Feb-07	L478932-2	
JER-SW4	12-Feb-07	L478932-3	
JER-SW4	12-Feb-07	L478932-4	QA/QC Field Duplicate
SNPFB	12-Feb-07	L478932-5	QA/QC Field Blank
SNPTB	12-Feb-07	L478932-6	QA/QC Travel Blank

Results

A) Water Sampling and Analysis Results

1. Table 2 provides the results for samples related to the SNP sampling requirements for the month of February 2007.

B) Flow and Volume Measurements

1. Table 3 provides a breakdown of flow and volume measurements and solid material moved as required under Part K, Item 12 and 13 of the water license.

Should you have any questions regarding the monthly report for February 2007 please contact the undersigned at 780 644-9129 or environment@tahera.com.

Regards,

Cheryl Wray
Environmental Supervisor

Tony Loschiavo
Acting Mine Manager

Table 2. February 2007 SNP Sampling Results

Stn.Code		SNPFB	
Station Name		SNPFB	
Sample Class		M	
Sample No.		L478932-5	
Sample Comments			PKCA Discharge
Collect Date/Time	2/12/2007 9:04		Criteria
Water Temperature	Deg C		
Field pH	pH		
Field Conductivity	us/cm		
Field Dissolved Oxygen	mg/L		
Oxidation Reduction Potential	mV		
pH @ 25°C	pH		6.0-8.8
Conductivity @ 25°C	us/cm		
T-Dissolved Solids180°C	mg/L		4000
Total Suspended Solids @105°C	mg/L		25
Turbidity	NTU		
T-Hardness as CaCO3	mg/L	<0.50	
T-Alkalinity as CaCO3	mg/L		
Acidity as CaCO3	mg/L		
Hydroxide (as CaCO3)	mg/L		
Balance (+ions/-ions)	Ratio		
Carbonate	mg/L		
Bicarbonate	mg/L		
Chloride	mg/L		1000
Sulphate	mg/L		
Carbon (Total Inorganic)	mg/L		
Carbon (Total Organic)	mg/L	<0.50	
Ammonia - Nitrogen	mg/L		12
Nitrate - Nitrogen	mg/L		56
Nitrite - Nitrogen	mg/L		5
Phosphate - Ortho - Phosphoru	mg/L		
Dissolved Ortho Phosphate	mg/L		
Total Phosphate As P	mg/L		0.4
Biochemical Oxygen Demand	mg/L		25
MF - Fecal Coliforms	CFU/100mL		20
Oil & Grease (Infrared)	mg/L		5
Dissolved Aluminum	mg/L		2
Dissolved Antimony	mg/L		
Dissolved Arsenic	mg/L		
Dissolved Barium	mg/L		
Dissolved Beryllium	mg/L		
Dissolved Boron	mg/L		
Dissolved Cadmium	mg/L		
Dissolved Calcium	mg/L		
Dissolved Chromium	mg/L		
Dissolved Cobalt	mg/L		
Dissolved Copper	mg/L		
Dissolved Iron	mg/L		
Dissolved Lead	mg/L		
Dissolved Lithium	mg/L		
Dissolved Magnesium	mg/L		

Dissolved Manganese	mg/L		
Dissolved Mercury	mg/L		
Dissolved Molybdenum	mg/L		
Dissolved Nickel	mg/L		
Dissolved Potassium	mg/L		
Dissolved Selenium	mg/L		
Dissolved Silicon	mg/L		
Dissolved Silver	mg/L		
Dissolved Sodium	mg/L		
Dissolved Strontium	mg/L		
Dissolved Thallium	mg/L		
Dissolved Tin	mg/L		
Dissolved Titanium	mg/L		
Dissolved Uranium	mg/L		
Dissolved Vanadium	mg/L		
Dissolved Zinc	mg/L		
Total Aluminum	mg/L	<0.0010	3
Total Antimony	mg/L	<0.00010	
Total Arsenic	mg/L	<0.00010	0.1
Total Barium	mg/L	<0.000050	
Total Beryllium	mg/L	<0.00050	
Total Boron	mg/L	<0.010	
Total Cadmium	mg/L	<0.000050	0.0024
Total Calcium	mg/L	<0.050	
Total Chromium	mg/L	<0.00050	0.17
Total Cobalt	mg/L	<0.00010	
Total Copper	mg/L	<0.00010	0.04
Total Iron	mg/L	<0.030	
Total Lead	mg/L	<0.000050	0.02
Total Lithium	mg/L	<0.0050	
Total Magnesium	mg/L	<0.050	
Total Manganese	mg/L	<0.000050	
Total Mercury	mg/L	<0.000050	
Total Molybdenum	mg/L	<0.000050	1.5
Total Nickel	mg/L	<0.00050	0.1
Total Potassium	mg/L	<0.50	
Total Selenium	mg/L	<0.0010	
Total Silicon	mg/L	<0.050	
Total Silver	mg/L	<0.000010	
Total Sodium	mg/L	<0.50	
Total Strontium	mg/L	<0.00010	
Total Thallium	mg/L	<0.00010	
Total Tin	mg/L	<0.00010	
Total Titanium	mg/L	<0.010	
Total Uranium	mg/L	<0.000010	1
Total Vanadium	mg/L	<0.0010	
Total Zinc	mg/L	<0.0010	0.5

Stn.Code		SNPTB	
Station Name		SNPTB	
Sample Class		M	
Sample No.		L478932-6	
Sample Comments			PKCA Discharge
Collect Date/Time	2/12/2007 9:04		Criteria
Water Temperature	Deg C		
Field pH	pH		
Field Conductivity	us/cm		
Field Dissolved Oxygen	mg/L		
Oxidation Reduction Potential	mV		
pH @ 25°C	pH		6.0-8.8
Conductivity @ 25°C	us/cm		
T-Dissolved Solids180°C	mg/L		4000
Total Suspended Solids @105°C	mg/L		25
Turbidity	NTU		
T-Hardness as CaCO3	mg/L	<0.50	
T-Alkalinity as CaCO3	mg/L		
Acidity as CaCO3	mg/L		
Hydroxide (as CaCO3)	mg/L		
Balance (+ions/-ions)	Ratio		
Carbonate	mg/L		
Bicarbonate	mg/L		
Chloride	mg/L		1000
Sulphate	mg/L		
Carbon (Total Inorganic)	mg/L		
Carbon (Total Organic)	mg/L	<0.50	
Ammonia - Nitrogen	mg/L		12
Nitrate - Nitrogen	mg/L		56
Nitrite - Nitrogen	mg/L		5
Phosphate - Ortho - Phosphoru	mg/L		
Dissolved Ortho Phosphate	mg/L		
Total Phosphate As P	mg/L		0.4
Biochemical Oxygen Demand	mg/L		25
MF - Fecal Coliforms	CFU/100mL		20
Oil & Grease (Infrared)	mg/L		5
Dissolved Aluminum	mg/L		2
Dissolved Antimony	mg/L		
Dissolved Arsenic	mg/L		
Dissolved Barium	mg/L		
Dissolved Beryllium	mg/L		
Dissolved Boron	mg/L		
Dissolved Cadmium	mg/L		
Dissolved Calcium	mg/L		
Dissolved Chromium	mg/L		
Dissolved Cobalt	mg/L		
Dissolved Copper	mg/L		
Dissolved Iron	mg/L		
Dissolved Lead	mg/L		
Dissolved Lithium	mg/L		
Dissolved Magnesium	mg/L		

Dissolved Manganese	mg/L		
Dissolved Mercury	mg/L		
Dissolved Molybdenum	mg/L		
Dissolved Nickel	mg/L		
Dissolved Potassium	mg/L		
Dissolved Selenium	mg/L		
Dissolved Silicon	mg/L		
Dissolved Silver	mg/L		
Dissolved Sodium	mg/L		
Dissolved Strontium	mg/L		
Dissolved Thallium	mg/L		
Dissolved Tin	mg/L		
Dissolved Titanium	mg/L		
Dissolved Uranium	mg/L		
Dissolved Vanadium	mg/L		
Dissolved Zinc	mg/L		
Total Aluminum	mg/L	<0.0010	3
Total Antimony	mg/L	<0.00010	
Total Arsenic	mg/L	<0.00010	0.1
Total Barium	mg/L	<0.000050	
Total Beryllium	mg/L	<0.00050	
Total Boron	mg/L	<0.010	
Total Cadmium	mg/L	<0.000050	0.0024
Total Calcium	mg/L	<0.050	
Total Chromium	mg/L	<0.00050	0.17
Total Cobalt	mg/L	<0.00010	
Total Copper	mg/L	<0.00010	0.04
Total Iron	mg/L	<0.030	
Total Lead	mg/L	<0.000050	0.02
Total Lithium	mg/L	<0.0050	
Total Magnesium	mg/L	<0.050	
Total Manganese	mg/L	<0.000050	
Total Mercury	mg/L	<0.000050	
Total Molybdenum	mg/L	<0.000050	1.5
Total Nickel	mg/L	<0.00050	0.1
Total Potassium	mg/L	<0.50	
Total Selenium	mg/L	<0.0010	
Total Silicon	mg/L	<0.050	
Total Silver	mg/L	<0.000010	
Total Sodium	mg/L	<0.50	
Total Strontium	mg/L	<0.00010	
Total Thallium	mg/L	<0.00010	
Total Tin	mg/L	<0.00010	
Total Titanium	mg/L	<0.010	
Total Uranium	mg/L	<0.000010	1
Total Vanadium	mg/L	<0.0010	
Total Zinc	mg/L	<0.0010	0.5

Stn.Code		JER-SW1	
Station Name		STP Effluent	
Sample Class		M	
Sample No.		L478932-1	
Sample Comments			PKCA Discharge
Collect Date/Time		2/12/2007 9:15	Criteria
Water Temperature	Deg C	21.5	
Field pH	pH	7.49	
Field Conductivity	us/cm	1017	
Field Dissolved Oxygen	mg/L	0.91	
Oxidation Reduction Potential	mV	123.2	
pH @ 25°C	pH	7.91	6.0-8.8
Conductivity @ 25°C	us/cm	995	
T-Dissolved Solids180°C	mg/L	393	4000
Total Suspended Solids @105°C	mg/L	54.8	25
Turbidity	NTU	36.8	
T-Hardness as CaCO3	mg/L	31	
T-Alkalinity as CaCO3	mg/L	358	
Acidity as CaCO3	mg/L	17.7	
Hydroxide (as CaCO3)	mg/L	<1.0	
Balance (+ions/-ions)	Ratio		
Carbonate	mg/L	<1.0	
Bicarbonate	mg/L	358	
Chloride	mg/L	44	1000
Sulphate	mg/L	60.6	
Carbon (Total Inorganic)	mg/L	77.1	
Carbon (Total Organic)	mg/L	50.7	
Ammonia - Nitrogen	mg/L	73	12
Nitrate - Nitrogen	mg/L	0.0156	56
Nitrite - Nitrogen	mg/L	0.019	5
Phosphate - Ortho - Phosphoru	mg/L	7.71	
Dissolved Ortho Phosphate	mg/L	7.74	
Total Phosphate As P	mg/L	9.3	0.4
Biochemical Oxygen Demand	mg/L	56	25
MF - Fecal Coliforms	CFU/100mL	9000	20
Oil & Grease (Infrared)	mg/L		5
Dissolved Aluminum	mg/L	0.0373	2
Dissolved Antimony	mg/L	0.00059	
Dissolved Arsenic	mg/L	0.00049	
Dissolved Barium	mg/L	0.00835	
Dissolved Beryllium	mg/L	<0.00050	
Dissolved Boron	mg/L	0.023	
Dissolved Cadmium	mg/L	<0.000050	
Dissolved Calcium	mg/L	7.83	
Dissolved Chromium	mg/L	0.00166	
Dissolved Cobalt	mg/L	0.00026	
Dissolved Copper	mg/L	0.0453	
Dissolved Iron	mg/L	0.537	
Dissolved Lead	mg/L	0.000483	
Dissolved Lithium	mg/L	0.0246	
Dissolved Magnesium	mg/L	2.78	

Dissolved Manganese	mg/L	0.0256	
Dissolved Mercury	mg/L	<0.000050	
Dissolved Molybdenum	mg/L	0.000702	
Dissolved Nickel	mg/L	0.00633	
Dissolved Potassium	mg/L	20.6	
Dissolved Selenium	mg/L	0.0013	
Dissolved Silicon	mg/L	3.08	
Dissolved Silver	mg/L	0.00002	
Dissolved Sodium	mg/L	91.2	
Dissolved Strontium	mg/L	0.0208	
Dissolved Thallium	mg/L	<0.00010	
Dissolved Tin	mg/L	0.00311	
Dissolved Titanium	mg/L	<0.010	
Dissolved Uranium	mg/L	0.000139	
Dissolved Vanadium	mg/L	<0.0010	
Dissolved Zinc	mg/L	0.0333	
Total Aluminum	mg/L	0.113	3
Total Antimony	mg/L	0.00082	
Total Arsenic	mg/L	0.00044	0.1
Total Barium	mg/L	0.0123	
Total Beryllium	mg/L	<0.00050	
Total Boron	mg/L	0.025	
Total Cadmium	mg/L	0.000079	0.0024
Total Calcium	mg/L	8.62	
Total Chromium	mg/L	0.00206	0.17
Total Cobalt	mg/L	0.0004	
Total Copper	mg/L	0.0808	0.04
Total Iron	mg/L	0.7	
Total Lead	mg/L	0.00111	0.02
Total Lithium	mg/L	0.026	
Total Magnesium	mg/L	3.12	
Total Manganese	mg/L	0.033	
Total Mercury	mg/L	<0.000050	
Total Molybdenum	mg/L	0.00145	1.5
Total Nickel	mg/L	0.00769	0.1
Total Potassium	mg/L	21.6	
Total Selenium	mg/L	<0.0010	
Total Silicon	mg/L	3.21	
Total Silver	mg/L	0.000046	
Total Sodium	mg/L	95	
Total Strontium	mg/L	0.0223	
Total Thallium	mg/L	<0.00010	
Total Tin	mg/L	0.00225	
Total Titanium	mg/L	<0.010	
Total Uranium	mg/L	0.000173	1
Total Vanadium	mg/L	<0.0010	
Total Zinc	mg/L	0.0678	0.5

Stn.Code		JER-SW3	
Station Name		Process Plant	
Sample Class		Supernatant	
Sample No.		M	
Sample Comments		L478932-2	
Collect Date/Time		2/12/2007 7:29	PKCA Discharge Criteria
Water Temperature	Deg C	15.88	
Field pH	pH	9.47	
Field Conductivity	us/cm	294	
Field Dissolved Oxygen	mg/L	8.86	
Oxidation Reduction Potential	mV	359.4	
pH @ 25°C	pH	9.14	6.0-8.8
Conductivity @ 25°C	us/cm	291	
T-Dissolved Solids180°C	mg/L	195	4000
Total Suspended Solids @105°C	mg/L	6.4	25
Turbidity	NTU	4.72	
T-Hardness as CaCO3	mg/L	45.6	
T-Alkalinity as CaCO3	mg/L	35.8	
Acidity as CaCO3	mg/L	<1.0	
Hydroxide (as CaCO3)	mg/L	7.7	
Balance (+ions/-ions)	Ratio		
Carbonate	mg/L	28.1	
Bicarbonate	mg/L	<1.0	
Chloride	mg/L	7.45	1000
Sulphate	mg/L	7.37	
Carbon (Total Inorganic)	mg/L	1.79	
Carbon (Total Organic)	mg/L	1.91	
Ammonia - Nitrogen	mg/L	8.3	12
Nitrate - Nitrogen	mg/L	24.1	56
Nitrite - Nitrogen	mg/L	0.643	5
Phosphate - Ortho - Phosphoru	mg/L	0.0012	
Dissolved Ortho Phosphate	mg/L	0.0049	
Total Phosphate As P	mg/L	0.0068	0.4
Biochemical Oxygen Demand	mg/L		25
MF - Fecal Coliforms	CFU/100mL		20
Oil & Grease (Infrared)	mg/L		5
Dissolved Aluminum	mg/L	0.001	2
Dissolved Antimony	mg/L	0.00082	
Dissolved Arsenic	mg/L	0.00029	
Dissolved Barium	mg/L	0.158	
Dissolved Beryllium	mg/L	<0.00050	
Dissolved Boron	mg/L	0.036	
Dissolved Cadmium	mg/L	<0.000050	
Dissolved Calcium	mg/L	14.5	
Dissolved Chromium	mg/L	<0.00050	
Dissolved Cobalt	mg/L	0.00015	
Dissolved Copper	mg/L	0.00081	
Dissolved Iron	mg/L	<0.030	
Dissolved Lead	mg/L	<0.000050	
Dissolved Lithium	mg/L	<0.0050	

Dissolved Magnesium	mg/L	2.28	
Dissolved Manganese	mg/L	0.000101	
Dissolved Mercury	mg/L	<0.000050	
Dissolved Molybdenum	mg/L	0.00429	
Dissolved Nickel	mg/L	0.0016	
Dissolved Potassium	mg/L	16.4	
Dissolved Selenium	mg/L	<0.0010	
Dissolved Silicon	mg/L	2.68	
Dissolved Silver	mg/L	<0.000010	
Dissolved Sodium	mg/L	20.7	
Dissolved Strontium	mg/L	0.558	
Dissolved Thallium	mg/L	<0.00010	
Dissolved Tin	mg/L	<0.00010	
Dissolved Titanium	mg/L	<0.010	
Dissolved Uranium	mg/L	<0.000010	
Dissolved Vanadium	mg/L	<0.0010	
Dissolved Zinc	mg/L	<0.0010	
Total Aluminum	mg/L	0.0764	3
Total Antimony	mg/L	0.00073	
Total Arsenic	mg/L	0.00029	0.1
Total Barium	mg/L	0.159	
Total Beryllium	mg/L	<0.00050	
Total Boron	mg/L	0.035	
Total Cadmium	mg/L	<0.000050	0.0024
Total Calcium	mg/L	14.3	
Total Chromium	mg/L	0.0025	0.17
Total Cobalt	mg/L	0.00072	
Total Copper	mg/L	0.0012	0.04
Total Iron	mg/L	0.252	
Total Lead	mg/L	0.000067	0.02
Total Lithium	mg/L	<0.0050	
Total Magnesium	mg/L	3.08	
Total Manganese	mg/L	0.00397	
Total Mercury	mg/L	<0.000050	
Total Molybdenum	mg/L	0.00398	1.5
Total Nickel	mg/L	0.00963	0.1
Total Potassium	mg/L	16	
Total Selenium	mg/L	<0.0010	
Total Silicon	mg/L	3.12	
Total Silver	mg/L	<0.000010	
Total Sodium	mg/L	20.4	
Total Strontium	mg/L	0.555	
Total Thallium	mg/L	<0.00010	
Total Tin	mg/L	<0.00010	
Total Titanium	mg/L	<0.010	
Total Uranium	mg/L	0.000054	1
Total Vanadium	mg/L	<0.0010	
Total Zinc	mg/L	<0.0010	0.5

Stn.Code		JER-SW4	JER-SW4	
Station Name		PKCA Pond Water	PKCA Pond Water	
Sample Class		F1	M	
Sample No.		L478932-4	L478932-3	
Sample Comments				PKCA
Collect Date/Time		2/12/2007 9:05	2/12/2007 9:05	Discharge Criteria
Water Temperature	Deg C	0.25	0.24	
Field pH	pH	6.62	6.64	
Field Conductivity	us/cm	334	334	
Field Dissolved Oxygen	mg/L	4.61	4.86	
Oxidation Reduction Potential	mV	241.3	248.8	
pH @ 25°C	pH	7.83	7.89	6.0-8.8
Conductivity @ 25°C	us/cm	338	334	
T-Dissolved Solids180°C	mg/L	198	200	4000
Total Suspended Solids @105°C	mg/L	<3.0	<3.0	25
Turbidity	NTU	0.58	0.59	
T-Hardness as CaCO3	mg/L	107	109	
T-Alkalinity as CaCO3	mg/L	71.5	70.5	
Acidity as CaCO3	mg/L	3.3	3.7	
Hydroxide (as CaCO3)	mg/L	<1.0	<1.0	
Balance (+ions/-ions)	Ratio			
Carbonate	mg/L	<1.0	<1.0	
Bicarbonate	mg/L	71.5	70.5	
Chloride	mg/L	15.4	15.2	1000
Sulphate	mg/L	20.4	20.1	
Carbon (Total Inorganic)	mg/L	11.1	11	
Carbon (Total Organic)	mg/L	4.77	4.32	
Ammonia - Nitrogen	mg/L	0.132	0.127	12
Nitrate - Nitrogen	mg/L	14.1	14	56
Nitrite - Nitrogen	mg/L	0.115	0.116	5
Phosphate - Ortho - Phosphoru	mg/L	0.0016	0.0028	
Dissolved Ortho Phosphate	mg/L	0.0055	0.0053	
Total Phosphate As P	mg/L	0.012	0.0108	0.4
Biochemical Oxygen Demand	mg/L			25
MF - Fecal Coliforms	CFU/100mL			20
Oil & Grease (Infrared)	mg/L			5
Dissolved Aluminum	mg/L	0.0038	0.0041	2
Dissolved Antimony	mg/L	0.0005	0.0005	
Dissolved Arsenic	mg/L	0.00056	0.00058	
Dissolved Barium	mg/L	0.0765	0.0783	
Dissolved Beryllium	mg/L	<0.00050	<0.00050	
Dissolved Boron	mg/L	0.043	0.044	
Dissolved Cadmium	mg/L	0.000079	0.000072	
Dissolved Calcium	mg/L	22.2	22.5	
Dissolved Chromium	mg/L	<0.00050	<0.00050	
Dissolved Cobalt	mg/L	0.00011	0.0001	
Dissolved Copper	mg/L	0.00562	0.00563	
Dissolved Iron	mg/L	<0.030	<0.030	
Dissolved Lead	mg/L	<0.000050	0.00006	
Dissolved Lithium	mg/L	<0.0050	<0.0050	

Dissolved Magnesium	mg/L	12.6	12.8	
Dissolved Manganese	mg/L	0.000454	0.00244	
Dissolved Mercury	mg/L	<0.000050	<0.000050	
Dissolved Molybdenum	mg/L	0.00386	0.00391	
Dissolved Nickel	mg/L	0.00252	0.00259	
Dissolved Potassium	mg/L	10.9	11	
Dissolved Selenium	mg/L	<0.0010	<0.0010	
Dissolved Silicon	mg/L	1.86	1.86	
Dissolved Silver	mg/L	<0.000010	<0.000010	
Dissolved Sodium	mg/L	14.5	14.6	
Dissolved Strontium	mg/L	0.285	0.286	
Dissolved Thallium	mg/L	<0.00010	<0.00010	
Dissolved Tin	mg/L	<0.00010	<0.00010	
Dissolved Titanium	mg/L	<0.010	<0.010	
Dissolved Uranium	mg/L	0.00145	0.00147	
Dissolved Vanadium	mg/L	<0.0010	<0.0010	
Dissolved Zinc	mg/L	0.0142	0.0141	
Total Aluminum	mg/L	0.0124	0.0114	3
Total Antimony	mg/L	0.00053	0.00054	
Total Arsenic	mg/L	0.00055	0.00059	0.1
Total Barium	mg/L	0.0764	0.0783	
Total Beryllium	mg/L	<0.00050	<0.00050	
Total Boron	mg/L	0.043	0.044	
Total Cadmium	mg/L	0.000066	0.00009	0.0024
Total Calcium	mg/L	22	22.3	
Total Chromium	mg/L	<0.00050	<0.00050	0.17
Total Cobalt	mg/L	0.00013	0.00012	
Total Copper	mg/L	0.00634	0.00668	0.04
Total Iron	mg/L	<0.030	<0.030	
Total Lead	mg/L	0.000451	0.000441	0.02
Total Lithium	mg/L	<0.0050	<0.0050	
Total Magnesium	mg/L	12.4	12.6	
Total Manganese	mg/L	0.00747	0.00757	
Total Mercury	mg/L	<0.000050	<0.000050	
Total Molybdenum	mg/L	0.00385	0.00389	1.5
Total Nickel	mg/L	0.00277	0.00276	0.1
Total Potassium	mg/L	10.8	10.9	
Total Selenium	mg/L	<0.0010	<0.0010	
Total Silicon	mg/L	1.86	1.88	
Total Silver	mg/L	<0.000010	<0.000010	
Total Sodium	mg/L	14.2	14.5	
Total Strontium	mg/L	0.285	0.288	
Total Thallium	mg/L	<0.00010	<0.00010	
Total Tin	mg/L	<0.00010	<0.00010	
Total Titanium	mg/L	<0.010	<0.010	
Total Uranium	mg/L	0.0015	0.0015	1
Total Vanadium	mg/L	<0.0010	<0.0010	
Total Zinc	mg/L	0.0136	0.0152	0.5

Table 3: Flow and Volume Measurements-Part K Item 12 and 13

DATE	Carat Lake Freshwater Use (m3) (Camp and Emulsion Plant) - Daily	Carat Lake Freshwater Use (m3) (Construction Requirements) - Daily	Treated Sewage Effluent to PKC (Long Lake) (m3) - Daily Calculated	Sewage Sludge Removed (m3)	Pit Pond Water to East Sump (m3) - Daily	East Sump pond to PKC (Long Lake) (m3) - Daily	Other waters to PKC (Long Lake) (m3)	Water Discharged from PKC (m3)	PKC Water Recycled (m3)	Process Plant Fresh Water (m3)	Process Plant Water Discharged to PKC (m3)	Coarse Rejects (tonnes)	Fine Rejects to PKC (tonnes)	Ore Processed (tonnes)	Quantity of Waste Rock (tonnes)	Quantity of Esker (tonnes)	Quantity of till (tonnes)
1-Feb	17.9	28.9	12.5	Monthly			Monthly		Monthly	1,125.9	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly
2-Feb	14.7		10.3							817.9							
3-Feb	21.8		15.3							936.5							
4-Feb	22.4		15.7							1,134.2							
5-Feb	22.4		15.7							1,087.7							
6-Feb	21.7		15.2							1,108.8							
7-Feb	21.6	86.6	15.1							1,194.3							
8-Feb	19.1	71.2	13.4							1,065.5							
9-Feb	18.8		13.2							1,042.7							
10-Feb	22.0	43.3	15.4							1,028.4							
11-Feb	22.4		15.7							944.0							
12-Feb	30.1		21.1							1,110.2							
13-Feb	26.0		18.2							997.2							
14-Feb	30.0		21.0							893.1							
15-Feb	29.6		20.7							1,002.2							
16-Feb	24.9		17.4							1,075.4							
17-Feb	28.7		20.1							1,213.4							
18-Feb	30.9		21.6							1,093.6							
19-Feb	31.6		22.1							1,226.8							
20-Feb	29.5		20.7							457.1							
21-Feb	45.8		32.1							1,062.7							
22-Feb	54.5		38.2							1,237.0							
23-Feb	26.7		18.7							1,250.4							
24-Feb	26.5		18.6							1,156.7							
25-Feb	69.5		48.7							1,109.3							
26-Feb	28.5		20.0							1,043.6							
27-Feb	27.7		19.4							792.2							
28-Feb	29.5		20.7							1,066.4							
Total	794.8	230.0	556.4	47.3	0.0	0.0	0.0	0.0	620.7	29,273.2	29,273.2	39,951	18,387	61,831	487,700.0	0.0	0.0