Lupin Operation
9818 Edmonton International Airport
Edmonton, AB T5J 2T2 Canada

December 31, 2006

Our File: NWB1LUP0008 06Annual
Your File: Water Register
NWB1LUP0008

Executive Director
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU
X0B 1J0

Dear Sir:

RE: Kinross Gold Corporation., Lupin Gold Mine, Contwoyto Lake, NU; Water Licence No. NWB1LUP0008; 2006 Annual Report

Please accept this submission of the 2006 Annual Report for Water Licence NWB1LUP0008 as required by Part B, Item 5.

The 2006 Annual Report includes all the water use and waste disposal information as outlined in the mine's Water Licence. No effluent discharge took place from the TCA in 2006. Release of the Sewage Lakes Disposal system took place from July 1 to August 30, 2006. All SNP data as outlined in the Licence is included within this report.

Should you have any questions or comments regarding this report, please direct them to Shawn Healey at phone number 780-405-1603 or shawn.healey@kinross.com

Yours truly,

signed by

C. Michael Tansey
Reclamation Manager, Lupin

Attach. 2006 Lupin Annual Report
cc: M. Ioli S. Healey

KINROSS
Gold Corporation

2006
ANNUAL REPORT
LUPIN OPERATIONS

Submitted under

WATER LICENCE 2AM-LUP0008
NUNAVUT WATER BOARD

Date: December 31, 2006
Prepared by: C. Michael Tansey
Reclamation Manager, Lupin

INDEX

APPENDIX A

INTRODUCTION

This report is submitted to fulfil requirements under Part B, Item 5 of Water Licence NWB1LUP0008 granted by the Nunavut Water Board pursuant to its authority under Article 13 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in Right of Canada*.

The Annual Report for 2006 contains the following information that is required under Part B, Items 5(a) through (k).

a) the monthly and annual quantity in cubic metres of water pumped from Contwoyto Lake at Station 925-01;

b) the monthly and annual quantities in cubic metres of treated tailings effluent discharged at Station 925-10

c) the monthly and annual quantity in cubic metres of minewater discharged at Station 925-11;

d) the monthly and annual quantity in cubic metres of treated sewage effluent discharged at Station 925-14;

e) tabular summaries of all data generated under the Surveillance Network Program;

f) a summary of modifications and/or major maintenance work carried out on the water supply and the waste disposal facilities including all associated structures;

g) a list of unauthorized discharges and follow-up action taken;

h) revisions to the Contingency Plan;

i) revisions to the Abandonment and Restoration Plan;

j) a summary of any abandonment and restoration work completed during the year and an outline of any work anticipated for the next year; and

k) any other details on water use or waste disposal requested by the Board by November 1st of the year being reported.

A. FRESH WATER INTAKE VOLUME: Station 925-01

The quantity of fresh water obtained on a monthly basis from Contwoyto Lake is shown in Table No.1, 2006 Pumping Report (Appendix A). The 2006 total to October 30, when the site was abandoned for the remainder of the year, was 45,912 m^3 as determined by flowmeter and/or water tanker volume.

For most of the year, the volume of water obtained from Contwoyto Lake was measured through a main raw water flowmeter and a potable water flowmeter, both located in the mill. Due to a minimum flow volume required to be maintained in the fresh water pipeline, and no industrial activity taking place in 2006, more water was pumped from the lake than was required for potable use. This excess raw water was directed to the sewage pond. Following the construction of a separate and smaller water storage and treatment facility, the fresh water pump house was shut down on September 14, 2006. All water was then obtained by means of tanker truck. The number of tanker trips and fill levels were recorded to document water volume drawn from Contwoyto Lake.

B. TAILINGS EFFLUENT DISCHARGE: Station 925-10

No discharge of tailings effluent from Pond 2 (station 925-10) took place during 2006.

The Pond No.1 syphon on J Dam was operated from August 12 – 19 and August 25 – 27, 2006. Approximately 172,894 m^3 of water was transferred to Pond No.2. There was no requirement for treatment in 2006.

Elevation surveys were carried out on September 12, 2006. Pond 1 water elevation was 484.5 metres, and Pond 2 water elevation was 482.4 metres. The elevation of Pond 2 provides over 3 metres of freeboard on the lowest elevation dam impounding Pond No.2.

C. MINEWATER: Station 925-11

No pumping of mine water occurred in 2006.

D. SEWAGE EFFLUENT: Station 925-14

The monthly and annual quantity of sewage effluent discharged to the environment from the second sewage lake at Station 925-14 is listed in the Pumping Report, Table No.1. Total flow for the seasonal discharge was approximately 232,081 m^3 between July 6 and August 31, 2006, as detailed in Table 2. The discharge volume is calculated from an ultrasonic flow meter on the single 8" syphon line. No water treatment was required. All licence parameters were maintained within limits during the period of discharge, as seen in the effluent quality analyses contained in Table 3.

E. SURVEILLANCE NETWORK PROGRAM DATA

Tabular summaries of data required under the Surveillance Network Program annexed to Water Licence NWB1LUP0008 are presented in Tables 1, 2, and 3.

- Table No.1 summarizes the monthly water use.
- Table No. 2 presents the daily flow volumes at the siphon discharge point 925-14.
- Table No. 3 summarizes the water quality data collected at SNP stations 925-01 and 925-14.

The annual sample of freshwater was obtained at the Contwoyto Lake pump house on June 21, 2006.

A preliminary sample was taken from the lower sewage pond, upstream of SNP 925-14, on June 21. After confirmation that all parameters were within licence discharge limits, sewage discharge began on July 6. Samples were taken first day of discharge and monthly thereafter. The sewage siphon was shut down on August 30.

Located in Appendix B-2 are copies of the 2006 analytical reports issued by Taiga Labs for samples taken at SNP 925-01 (fresh water) and 925-14 (sewage).

F. MAINTENANCE WORK

Only routine maintenance work was carried out on the main water supply and sewage disposal facilities in 2006. In preparation for the temporary shut down of the Lupin site on October 30, the fresh water supply pump house was decommissioned on September 14. The 3 vertical turbine pumps were removed on September 20 and stored in a cold storage building at the mine site. The portion of the main sewage line that runs through the mill building, approximately 85 metres, was heat traced and insulated.

A self-contained water storage and treatment facility was constructed over the summer, located in a sea container adjacent to the 1300-wing accommodation unit (see photos 1 and 2). Water is stored in two 1500-gallon tanks. Potable water is passed through a 16-cartridge Harmco Industrial Filter, and treated by a Wedeco DLR UV water disinfection unit. This water storage and treatment system was used in September and October after the lake pump house was shut down. The camp was abandoned on October 30 for the remainder of the year. All tanks and lines were drained.

Other maintenance items completed were as follows:

- All recommended maintenance work was completed as specified in the 2006 Geotechnical Inspection of the Tailings Containment Perimeter Embankments carried out by BGC Engineering Inc. Dam crests were graded and erosional gullies were backfilled where specified. There are currently no other outstanding issues with

respect to the 2006 or previous geotechnical inspections.

G. LIST OF UNAUTHORIZED DISCHARGES

There were no unauthorized discharges during 2006 under Water Licence 2AM - LUP0008.

H. REVISIONS TO THE CONTINGENCY PLAN

A 2006 Lupin Spill Contingency Plan was submitted to the Board for approval on March 31, 2006. The clarifications requested for the 2005 Plan submittal were incorporated in the 2006 Plan.

I. REVISIONS TO THE ABANDONMENT AND RESTORATION PLAN

A technical meeting with the Board and other interested interveners was held on April 11 to discuss comments generated from the submission of the "2005 Abandonment and Restoration Plan, Lupin Tailings Containment Area", provided to the Board in June 2005. A written response to the intervener comments was also provided to the Board prior to the meeting. Due to the uncertainty on the future use of the tailings area, as a result of the impending sale of the Lupin site to Wolfden Resources, further revisions to the Kinross A&R Plan were put on hold.

J. SUMMARY OF ABANDONMENT AND RESTORATION ACTIVITIES

2006 Abandonment and Restoration Activities

Tailings Cover Program

Approximately 250,000 square metres of exposed tailings remain to be covered. This work was scheduled to be completed during the summer of 2006; however, due to the premature shutdown of the 2006 winter road, Lupin did not receive enough fuel to carry out the program in 2006. The Lupin property is in the process of being sold to Wolfden Resources Ltd. Once the sale is finalized, with the transfer and/or assignment of all applicable leases and licences, any future reclamation activities carried out on the site will be the responsibility of Wolfden. Figure 1 shows the extent of the covered cells in the TCA at the end of 2006.

Environmental Site Assessment

The final report on the Phase 1 and Phase 2 Environmental Site Assessments of the Lupin mine site, conducted during July 2005 by Morrow Environmental, was provided to the Board in August 2006.

Ground Temperature Monitoring

Collection of data from thermistor strings that were installed in 1995 (esker cover of Cells No.1 and in Dam 4), in 2000 (Dam 1a and Dam 2), and in 2004 (K Dam, Cell 3B, Dam 3D and Cell 1 near Dam 3D) continued on a monthly basis through October 2006, when all personnel were removed from site. A review of the containment dam temperature data was completed during data review of the 2006 Geotechnical Inspection of the TCA, carried out by BGC Engineering Inc. The information to date indicates that subzero temperatures continue to be maintained at depth with no indications of warming.

At Dam 1a, Graph 1 indicates that foundation temperatures continue to decrease over time. The active layer from the surface of the dam appears to be between 2.5 and 3 metres (with the exception of anomalous data from 2001, which indicated nearly a 4 metre active layer).

At the Dam 2 locations, the thermistor on the upstream crest was lost in March 2006. Data from the remaining thermistor indicates that the active layer of the dam section remains at about 2-2.5m below the crest of the dam. The temperature information demonstrates that the core of the dam remains frozen and that the foundation of the dam is maintained below freezing year round.

Temperature monitoring in Dam 4 began with installation of 4 thermistors in 1995. These strings were all installed along the downstream crest; one at each abutment and one in each of the "low" points of the foundation. Thermistor D-2 was damaged in 2003 and no longer functions. The data indicates an active layer of approximately 2 to 3 metres at the downstream crest, as shown in Graphs 3, 4 and 5. The profiles in the appendix are single date graphs for 1997-2006, using a date (October/November) that coincides with what are typically the warmest temperatures at a 2-3 metre depth, whereas the temperatures closer to surface are normally beginning to cool at this time.

It must be noted that the indicated active layer of the dams is not necessarily a true representation of the active surface layer as most thermistors that are currently in use on the dams have been installed near one of the crest slopes, not through the centre line of the dam. Therefore, there is some influence upon the active layer measured due to the slope of the dam (widening with vertical depth). This allows some warming to the dam crest (where the thermistor is located) from the slope side of the dam indicating a deeper active layer penetration than if the thermistor string was installed at the centre line. The temperature profile graphs for Dam 1a and Dam 2 (see Graphs 1 and 2) illustrate this further with the upstream thermistors (with a 1:2.5 embankment slope) indicating a slightly shallower active layer than the downstream thermistors (with a 1:1.5 embankment slope).

Temperature monitoring in Cell No.1 has been ongoing since installation of the original thermistor strings in 1995, when the cell was covered with 1 metre of esker gravel. String TC1-3, at the north east end of the cell near Dam 3C, is the only remaining active thermistor from that group. Graph No.6 shows the temperature profile at TC1-3 for the months of October or November during the years of monitoring. October is usually the month when the active layer has penetrated the deepest and significant cooling has begun at surface. There is still some warming that occurs further at depth, however the temperatures at these locations remain

below 0°C year round. Temperature readings below the 1.5-metre depth are consistently below the freezing point. Two other thermistors are installed in Cell 1: the test pad thermistor installed in 2003 and located about 75 metres northwest of the TC1-3 thermistor, and thermistor TC1-7, installed in 2004 at the south end of the cell near Dam 3D. Graphs 7 and 11 show the temperature profiles for these thermistors since installation. The nodes at 0.25m intervals above the 2.0m depth in the test pad thermistor have started to fail. Only the 1.0m and 2.0m nodes are now functioning.

The temperature profiles for the thermistors installed in 2004 can be seen in Graphs 8 to 11.

- Thermistor DK-3 is located on the upstream crest of K Dam, on the northwest side of Cell 3. Initial thaw depth is indicated to be between 3 and 4 metres.
- Thermistor TC3-1 is located in the esker covered (1-metre thick) portion of Cell 3, about 115 metres to the southwest of DK-3 and about 50 metres from K Dam. Thaw depth is indicated at between 1.25 and 1.5 metres below surface, consistent with the other thermistors that are installed in esker-covered tails.
- Thermistor D3D-1 is installed in the upstream crest of Dam 3D, on the southwest edge of Cell 1. Thaw depth in this location appears to be just below 2.0 metres.
- Thermistor TC1-7 is installed approximately 60 metres north of D3D-1, inside the esker-covered (1-metre thick) Cell 1. Again, thaw depth is indicated to be just above the 1.5 metre depth.

Planned Abandonment and Restoration Activities: 2007

Following the pending sale of the Lupin property to Wolfden Resources Ltd., all future reclamation activities carried out on the site will be the responsibilities of Wolfden.

K. ANY OTHER DETAILS ON WATER USE OR WASTE DISPOSAL REQUESTED BY THE BOARD BY NOVEMBER 1st OF THE YEAR BEING REPORTED

In their letter of approval of the 2005 Annual Report, a request was received from the Board on October 6, 2006 for additional information to be included in the 2006 annual report.

- *Monitoring summaries indicated that Surveillance Network Program sampling began prior to July 15, 2005 and continued beyond August 16, 2006. The Laboratory reports, along with the QA/AC data, were not included in the 2005 appendices.* ***Please provide this information along with the submission of the 2006 Annual Report.***

  The requested data are attached to this report in Appendix B-1. Water samples were taken at SNP locations 925-22 (Inner Sun Bay, centre), 925-24 (Inner Sun Bay, at narrows), and 925-25 (Outer Sun Bay) on July 5 (10 days prior to discharge) and on August 16 and August 23 (one and two weeks after discharge ended).

- *Under the approved Quality Assurance/Quality Control Plan for Licence 2AM-LUP0008, holding times for samples and their analyses are recommended. It was noted that the samples received by the Laboratory on August 16, 2005 were taken as far back as August 4, 2005, twelve days earlier. This would indicate that several samples were most likely retained beyond their recommended holding time for certain analyses. This extended holding period should be avoided, and when occurring should be noted along with the reported water quality result.*

  The samples referred to were misplaced by the airline in shipping, causing a few additional days delay before reaching the lab in Edmonton. This compounded the wait due to the limited plane schedule from Lupin. Since daily sampling is required at 925-10 during discharge and only weekly flights were available from site, some samples had to be stored for as much as a week before shipping. To ensure more expeditious handling of the 2006 water samples, a lab in Yellowknife was used for analyses. All 2006 samples from SNP 925-01 and 925-14 were sampled, shipped and received by the lab within a one-day period.

L. OTHER CONSIDERATIONS

- **Sale of Lupin to Wolfden Resources Ltd.**

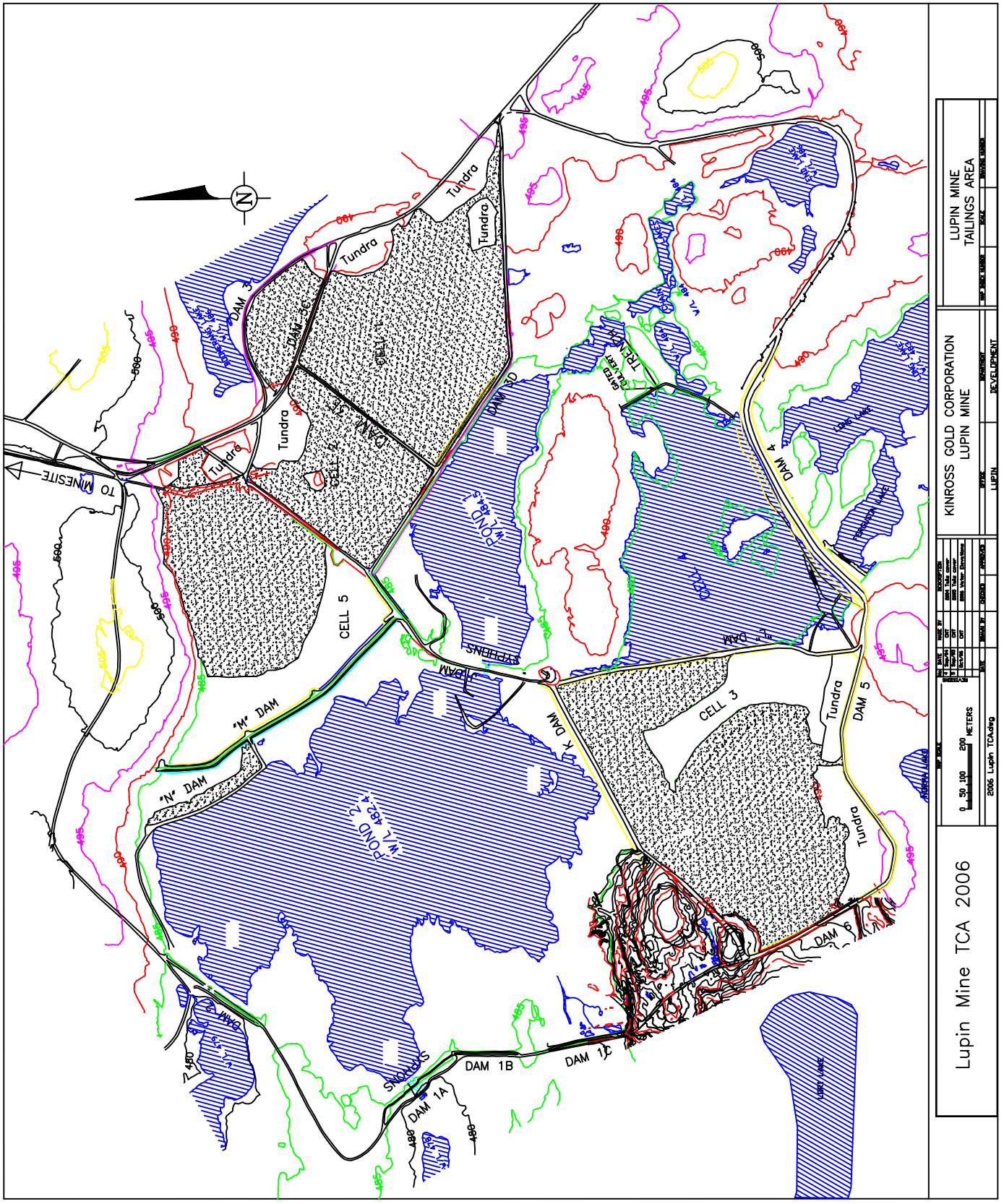
  The Lupin Mine property is in the process of being sold by Kinross Gold Corporation to Wolfden Resources Ltd. All Kinross personnel were removed from the Lupin site on October 30, 2006, and the site remained dormant for the remainder of the year. Following completion of the sale, all future reporting will be the responsibility of Wolfden.

- **Request to Dispose of Contaminated Soils Underground**

  An application to dispose of surface soils, containing residual hydrocarbons or elevated concentrations of metals, within the mined-out workings open to surface was made to the Board on March 23, 2006. Comments on this application were received from various interveners and a response to those comments was provided to the Board on August 28, 2006. There has been no further communication from the Board on this request.

APPENDIX A

FIGURES
TABLES
GROUND TEMPERATURE GRAPHS
PHOTOS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LUPIN GOLD MINE, Nunavut
WATER LICENCE 2AM - LUP0008

TABLE 1

2006 PUMPING REPORT
(CUBIC METERS)

	FRESHWATER FROM CONTWOYTO LAKE (METERED)			WASTE DISCHARGED (CALCULATED)				
				TO TAILS CONTAINMENT AREA				
MONTH	TOTAL m3	POTABLE m3	CUM. POTABLE m3	TOTAL m3	WATER m3	SOLIDS m3	RAW WATER TO SEWAGE m3	SEWAGE DISCHARGE m3
January-06	6,760	1,971	1,971	0	0	0	4,789	0
February-06	5,990	1,666	3,637	0	0	0	4,324	0
March-06	7,619	1,632	5,269	0	0	0	5,987	0
April-06	3,139	316	5,584	0	0	0	2,823	0
May-06	4,309	122	5,706	0	0	0	4,187	0
June-06	5,428	135	5,841	0	0	0	5,293	0
July-06	5,358	340	6,181	0	0	0	5,019	116,246
August-06	5,309	127	6,307	0	0	0	5,182	115,835
September-06	1,885	130	6,437	0	0	0	1,755	0
October-06	116	116	6,553	0	0	0	0	0
November-06	0	0	6,553	0	0	0	0	0
December-06	0	0	6,553	0	0	0	0	0
TOTAL (m^3)	45,912	6,553		0	0	0	39,359	232,081

Table 2 - 2006 Discharge from Sewage Pond

Date	Flow usgpm	Flow m3/min	Flow m3/hr	hours of flow	Flow m3/day	Cum. Monthly Flow (m3)	Cum. Total Flow (m3)	pH
06-Jul-06	1008	3.82	229	0	0	0	0	7.53
07-Jul-06	990	3.78	227	24	5448	5,448	5,448	7.59
08-Jul-06	975	3.72	223	24	5352	10,800	10,800	7.09
09-Jul-06	968	3.68	221	24	5295	16,095	16,095	7.26
10-Jul-06	974	3.68	221	24	5292	21,387	21,387	7.50
11-Jul-06	956	3.65	219	24	5260	26,647	26,647	7.49
12-Jul-06	935	3.58	215	24	5153	31,800	31,800	7.61
13-Jul-06	923	3.52	211	24	5063	36,864	36,864	7.83
14-Jul-06	908	3.47	208	24	4990	41,854	41,854	7.43
15-Jul-06	815	3.26	196	24	4696	46,549	46,549	7.76
16-Jul-06	895	3.24	194	24	4660	51,209	51,209	8.12
17-Jul-06	865	3.33	200	24	4796	56,006	56,006	7.74
18-Jul-06	845	3.24	194	24	4660	60,666	60,666	7.66
19-Jul-06	830	3.17	190	24	4565	65,231	65,231	7.16
20-Jul-06	830	3.14	188	24	4524	69,754	69,754	7.48
21-Jul-06	820	3.12	187	24	4497	74,251	74,251	7.88
22-Jul-06	825	3.11	187	24	4483	78,734	78,734	7.58
23-Jul-06	795	3.07	184	24	4415	83,149	83,149	7.51
24-Jul-06	765	2.95	177	24	4251	87,400	87,400	7.52
25-Jul-06	760	2.89	173	24	4156	91,556	91,556	7.55
26-Jul-06	764	2.88	173	24	4153	95,709	95,709	7.53
27-Jul-06	735	2.84	170	24	4085	99,794	99,794	7.65
28-Jul-06	770	2.85	171	24	4101	103,896	103,896	7.65
29-Jul-06	763	2.90	174	24	4178	108,074	108,074	7.98
30-Jul-06	745	2.85	171	24	4110	112,183	112,183	8.33
31-Jul-06	746	2.82	169	24	4063	116,246	116,246	8.04
01-Aug-06	760	2.85	171	24	4104	4,104	120,351	8.05
02-Aug-06	743	2.84	171	24	4096	8,200	124,447	8.22
03-Aug-06	736	2.80	168	24	4031	12,231	128,477	8.16
04-Aug-06	740	2.79	168	24	4022	16,253	132,500	7.45
05-Aug-06	744	2.81	169	24	4044	20,297	136,544	7.59
06-Aug-06	721	2.77	166	24	3992	24,290	140,536	7.97
07-Aug-06	737	2.76	166	24	3973	28,263	144,510	7.76
08-Aug-06	758	2.83	170	24	4074	32,337	148,584	7.58
09-Aug-06	710	2.78	167	24	4001	36,338	152,584	7.13
10-Aug-06	740	2.74	165	24	3952	40,289	156,536	7.13
11-Aug-06	695	2.72	163	24	3911	44,200	160,447	7.35
12-Aug-06	715	2.67	160	24	3843	48,043	164,289	7.40
13-Aug-06	715	2.71	162	24	3897	51,940	168,186	7.61
14-Aug-06	725	2.73	164	24	3924	55,864	172,111	7.59
15-Aug-06	690	2.68	161	24	3856	59,720	175,967	7.18
16-Aug-06	690	2.61	157	24	3761	63,481	179,727	7.55
17-Aug-06	700	2.63	158	24	3788	67,269	183,516	7.61
18-Aug-06	690	2.63	158	24	3788	71,057	187,304	7.44
19-Aug-06	675	2.58	155	24	3720	74,777	191,023	7.33
20-Aug-06	690	2.58	155	24	3720	78,497	194,743	7.58
21-Aug-06	690	2.61	157	24	3761	82,258	198,504	7.55
22-Aug-06	680	2.59	156	24	3734	85,991	202,238	7.25
23-Aug-06	674	2.56	154	24	3690	89,681	205,928	7.36
24-Aug-06	512	2.24	135	24	3232	92,913	209,160	7.25
25-Aug-06	485	1.89	113	24	2717	95,630	211,877	7.09
26-Aug-06	662	2.17	130	24	3126	98,756	215,003	7.34
27-Aug-06	662	2.51	150	24	3608	102,364	218,611	7.29
28-Aug-06	655	2.49	150	24	3589	105,953	222,200	7.49
29-Aug-06	603	2.38	143	24	3428	109,382	225,628	7.23
30-Aug-06	590	2.26	135	24	3251	112,633	228,879	7.80
31-Aug-06	585	2.22	133	24	3202	115,835	232,081	7.15
					siphon shut down 31/08/06 7:30 am			

LUPIN GOLD MINE, Nunavut
WATER LICENCE 2AM - LUP0008

TABLE 3 2006 ANNUAL REPORT

WATER QUALITY DATA (fresh water, sewage)

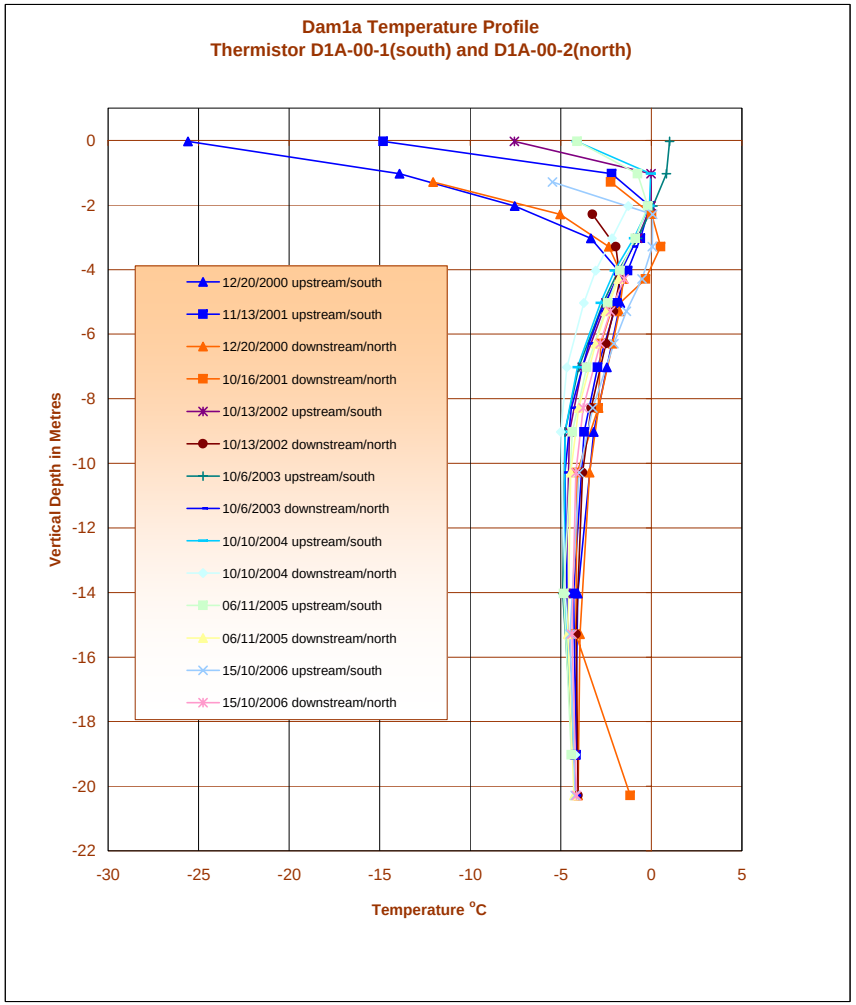
- all units are in mg/L except pH which is unitless and where otherwise indicated.

*D-Daily *W-Weekly *M-Monthly *A-Annual				Routine Analysis			Total CN	Total As	Total Metals (mg/l)					
	Log No.	Date	Sampling Station	pH	uS/cm Cond.	TSS	(mg/l)	(mg/l)	Cd	Cu	Hg	Ni	Pb	Zn
	60000	21-Jun-06	925-14*	7.75	647	6		0.0085	<0.00005	0.0052	<0.00001	0.0068	<0.0001	0.0022
A	60001	21-Jun-06	925-01	6.74	15	4		0.0004	<0.00005	0.0011	<0.00002	0.0010	0.0005	0.0039
M	60002	06-Jul-06	925-14	7.45	658	<3		0.0115	<0.0001	0.0059		0.0079	0.0001	<0.01
M	60012	03-Aug-06	925-14	7.88	637	4		0.0149	<0.0001	0.0056		0.0069	0.0002	<0.01
M	60026	30-Aug-06	925-14	7.55	589	<3		0.0117	<0.0001	0.0046		0.0072	0.0001	<0.01

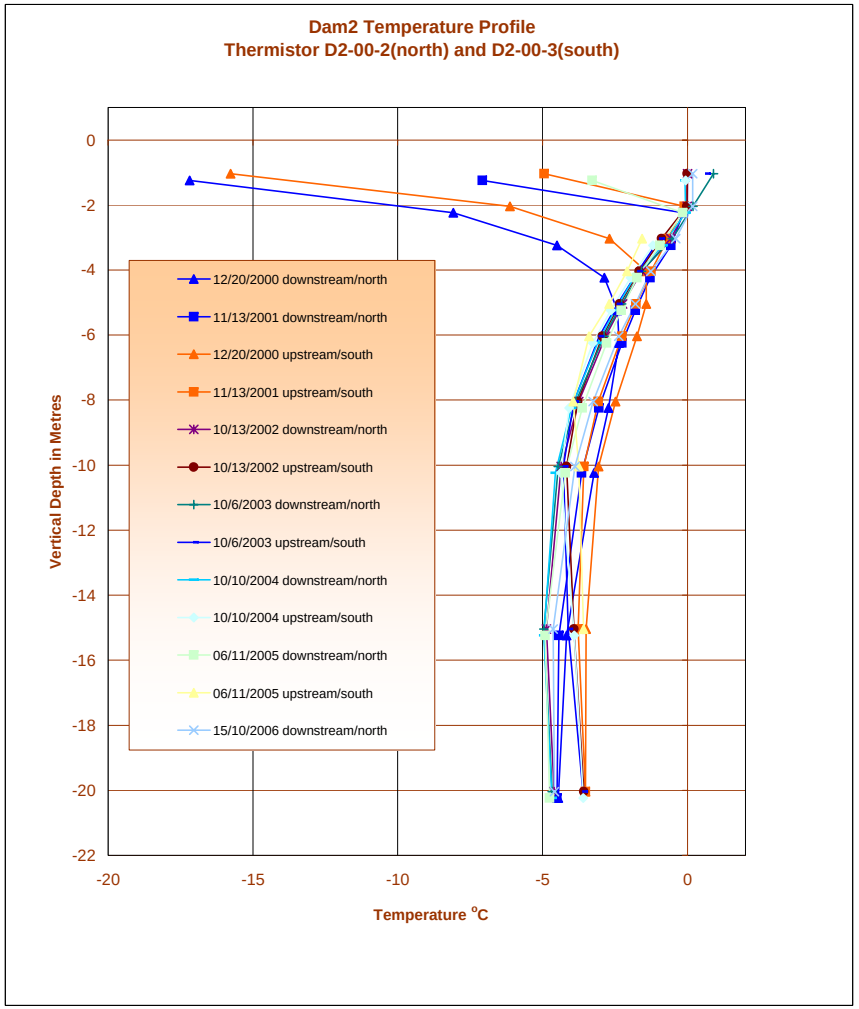
*D-Daily *W-Weekly *M-Monthly *A-Annual				Nutrient Analysis										
	Log No.	Date	Sampling Station	Total Nitrate-N	Total Nitrite-N	TK-N	Total Ortho-P	Total Phosph.	Total O&G	F-col #/100mL	BOD_5	NH4-N (mg/l)	T-Alk (mg/l)	Hard. (mg/l)
	60000	21-Jun-06	925-14*	0.14	0.02	0.44	<0.002	0.03	non-visual	<1	<2	<0.005	20.3	
A	60001	21-Jun-06	925-01							1			4.5	
M	60002	06-Jul-06	925-14	0.07	0.01	0.49	0.002	0.030	non-visual	3	<2	0.027	22	145
M	60012	03-Aug-06	925-14	<0.01	<0.01	0.36	0.003	0.080	non-visual	1	3	<0.005	24	133
M	60026	30-Aug-06	925-14	<0.01	<0.01	0.34	<0.002	0.05	non-visual	2	<2	0.005	27.4	124

* Sample taken upstream from SNP point, prior to discharge

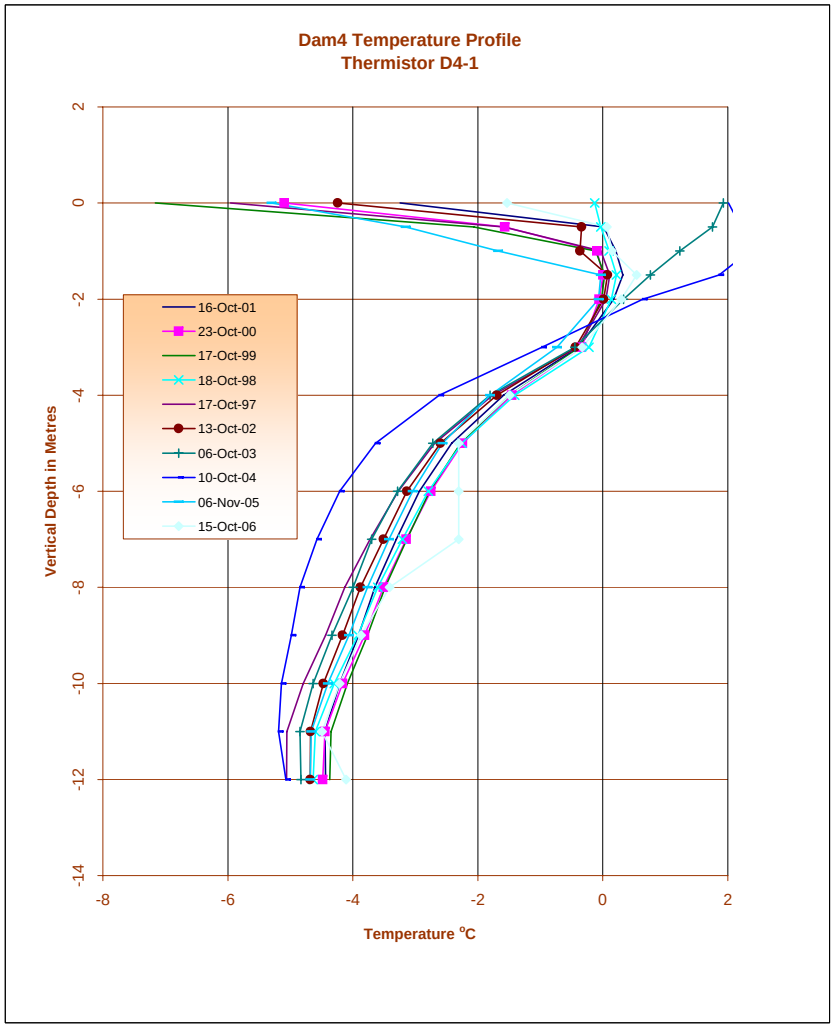
Graph No.1



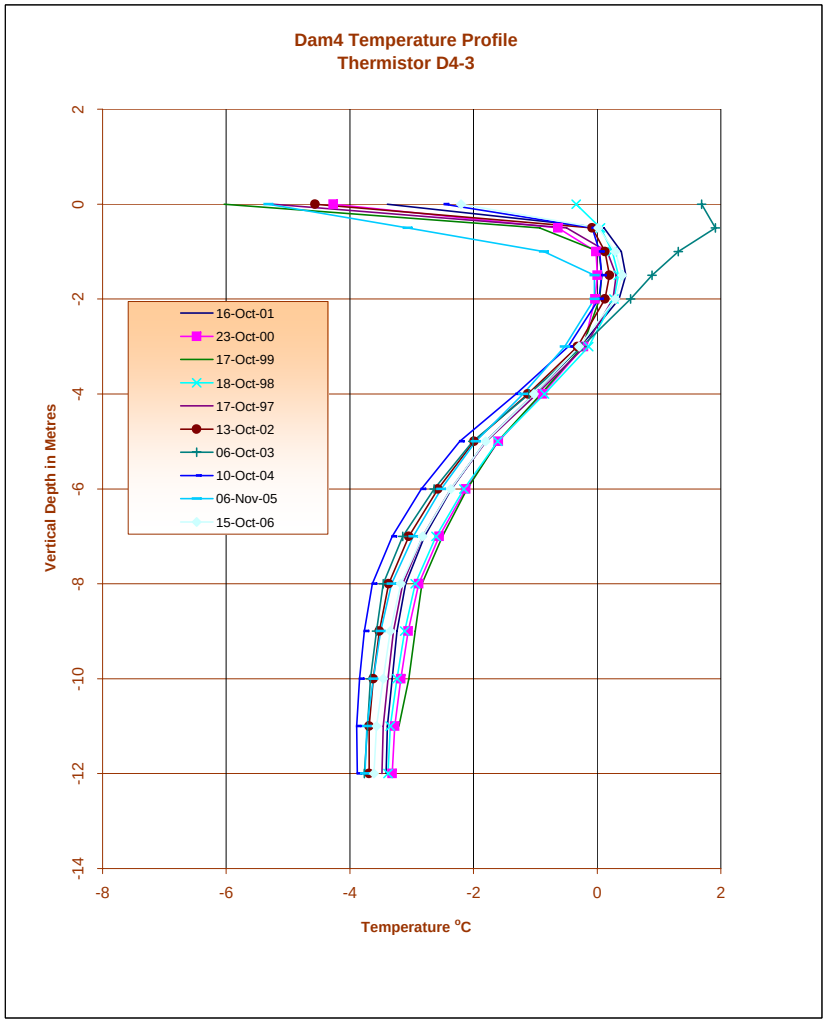
Graph No.2



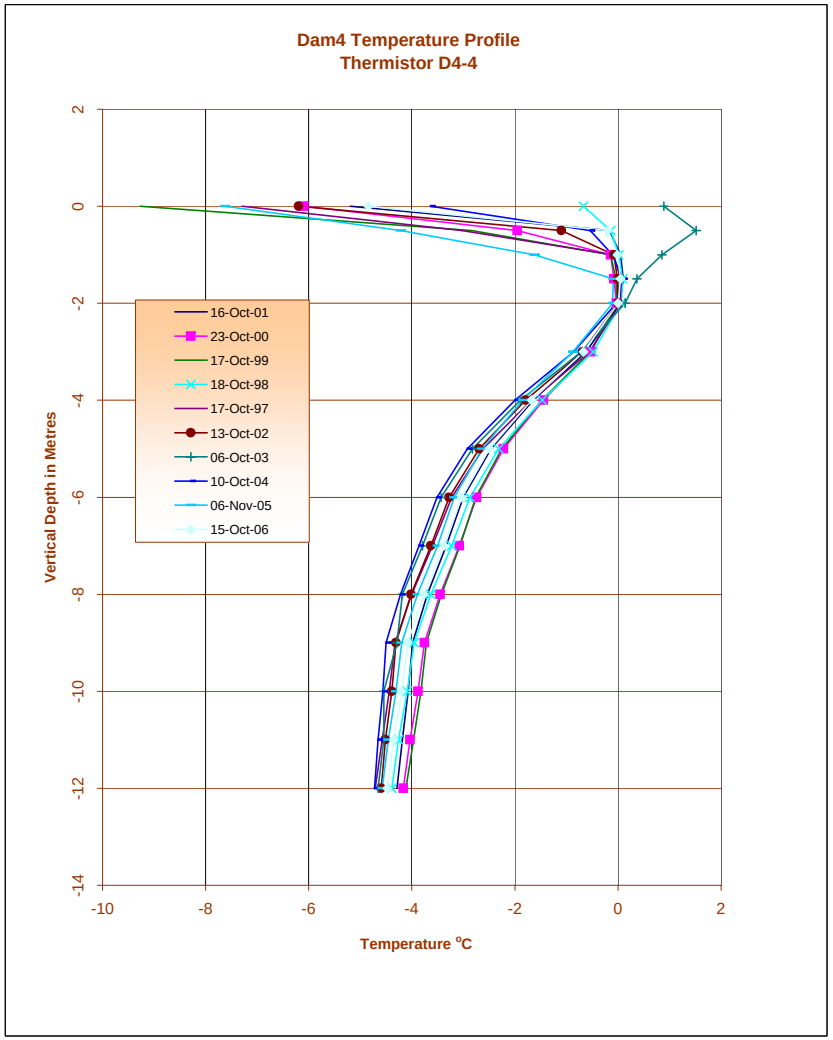
Graph No.3



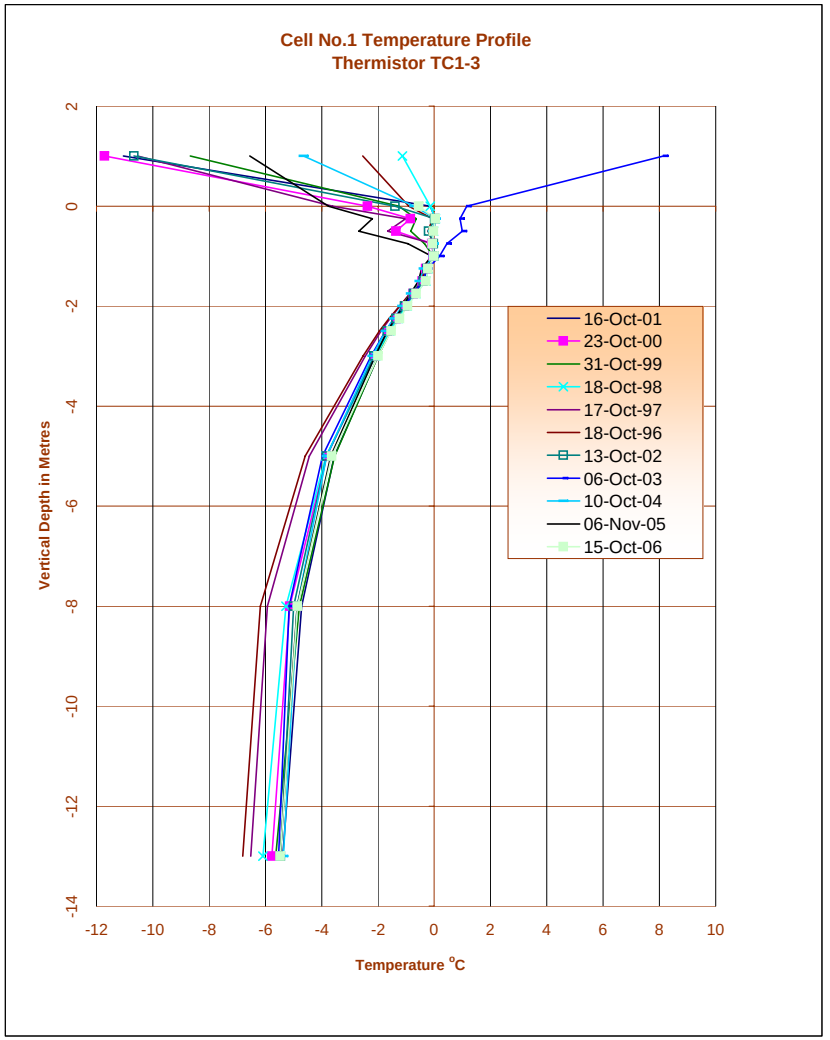
Graph No.4



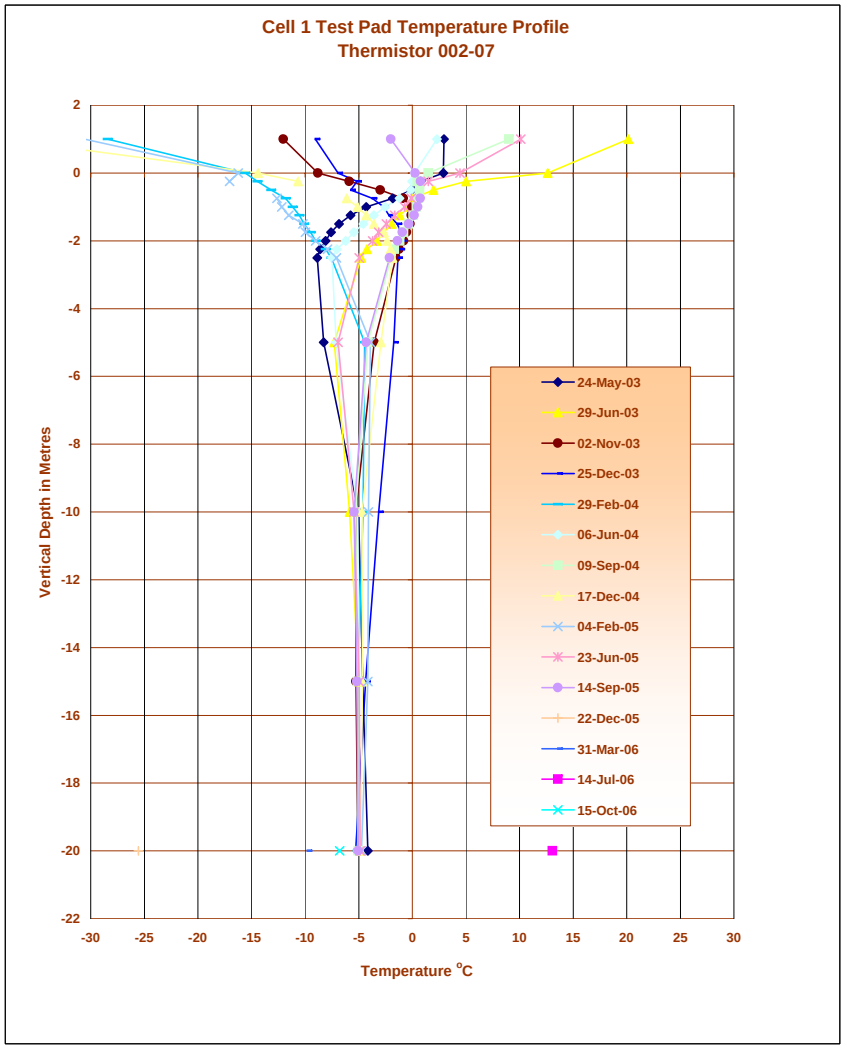
Graph No.5



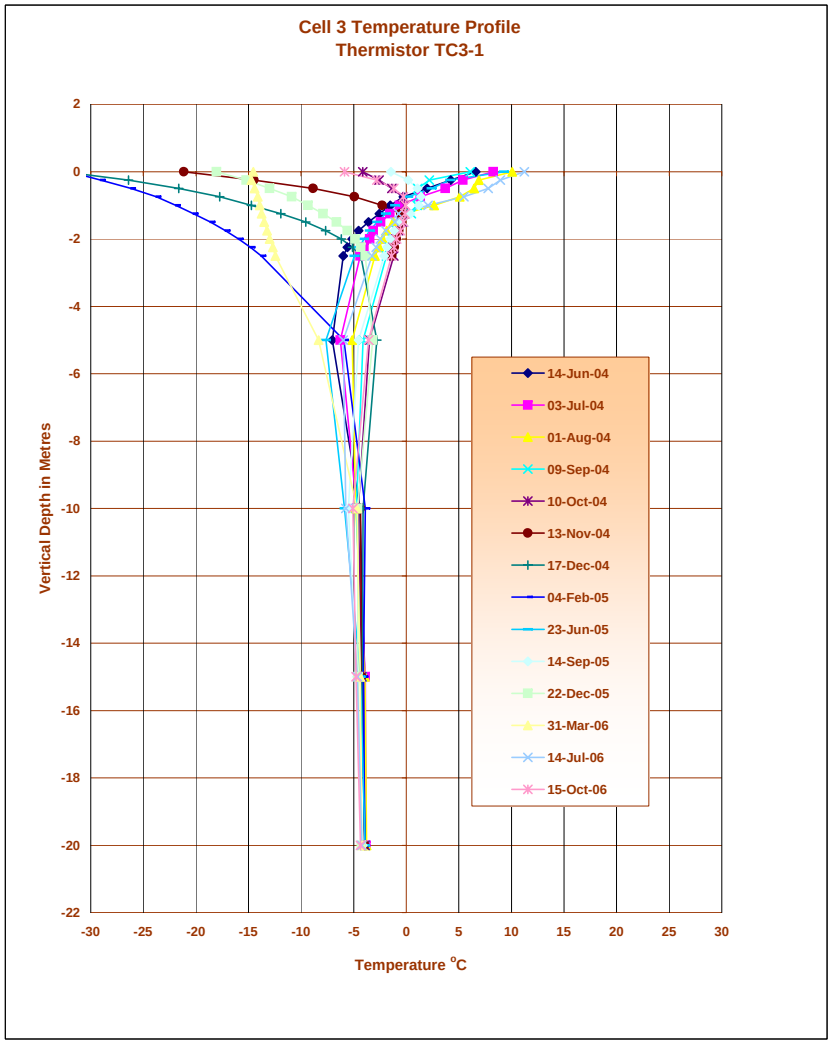
Graph No.6



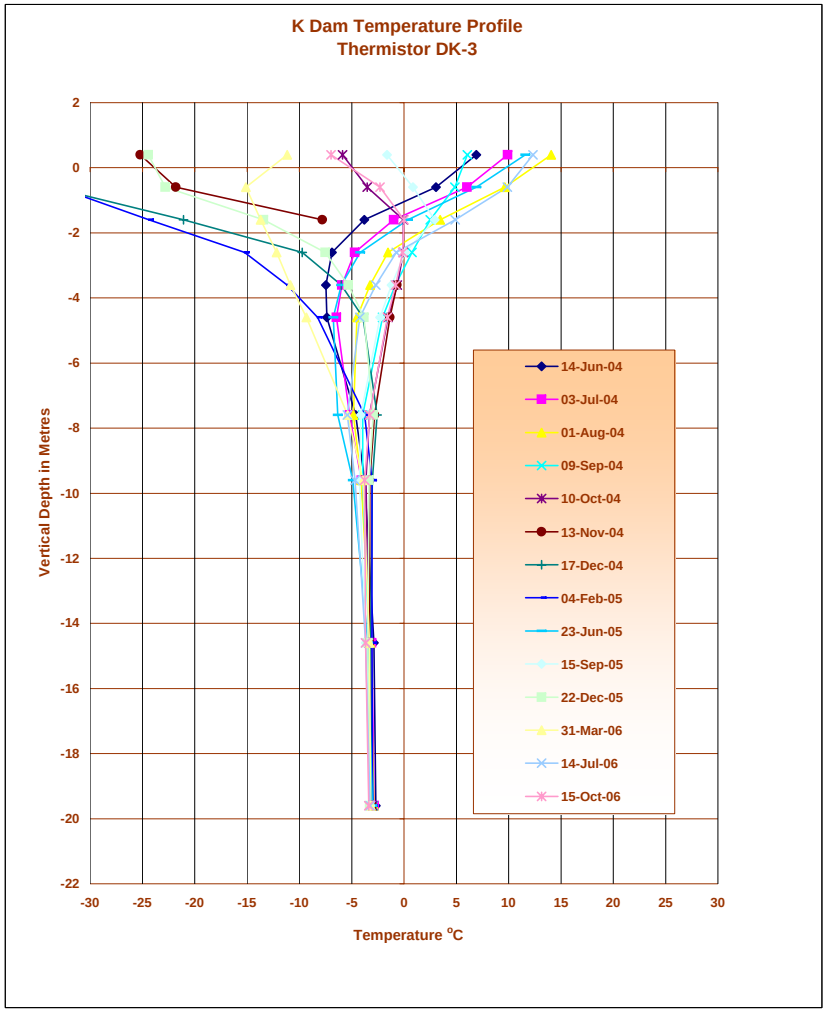
Graph No.7



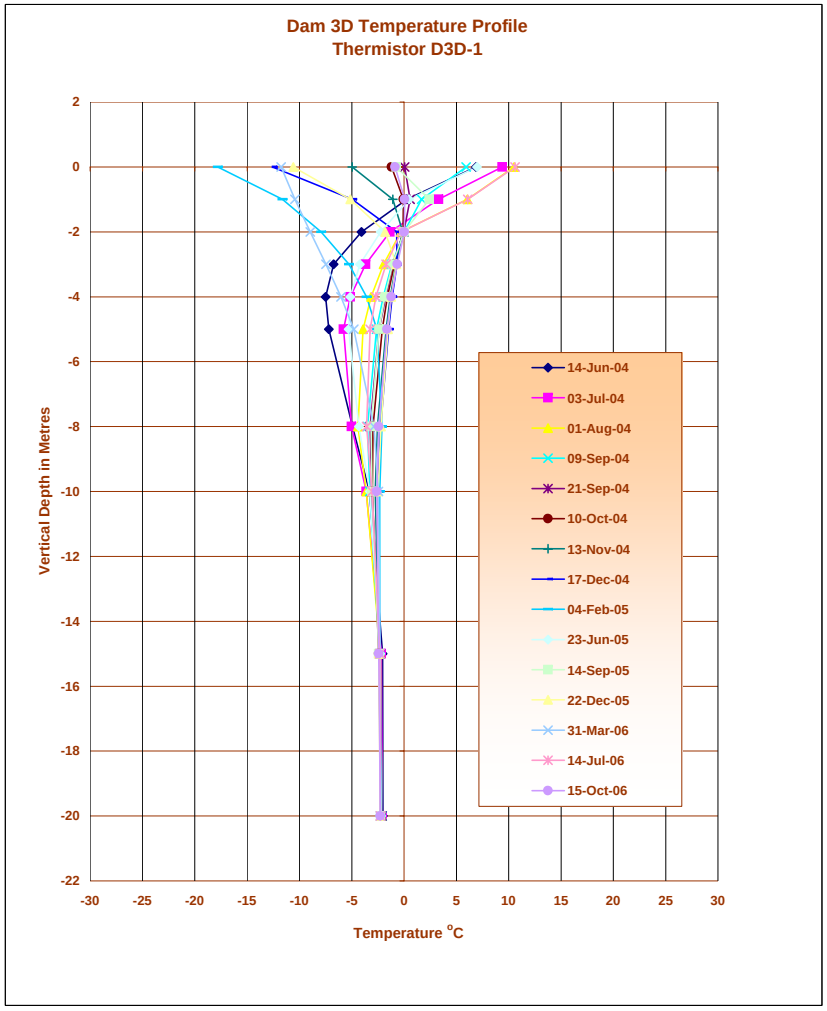
Graph No.8



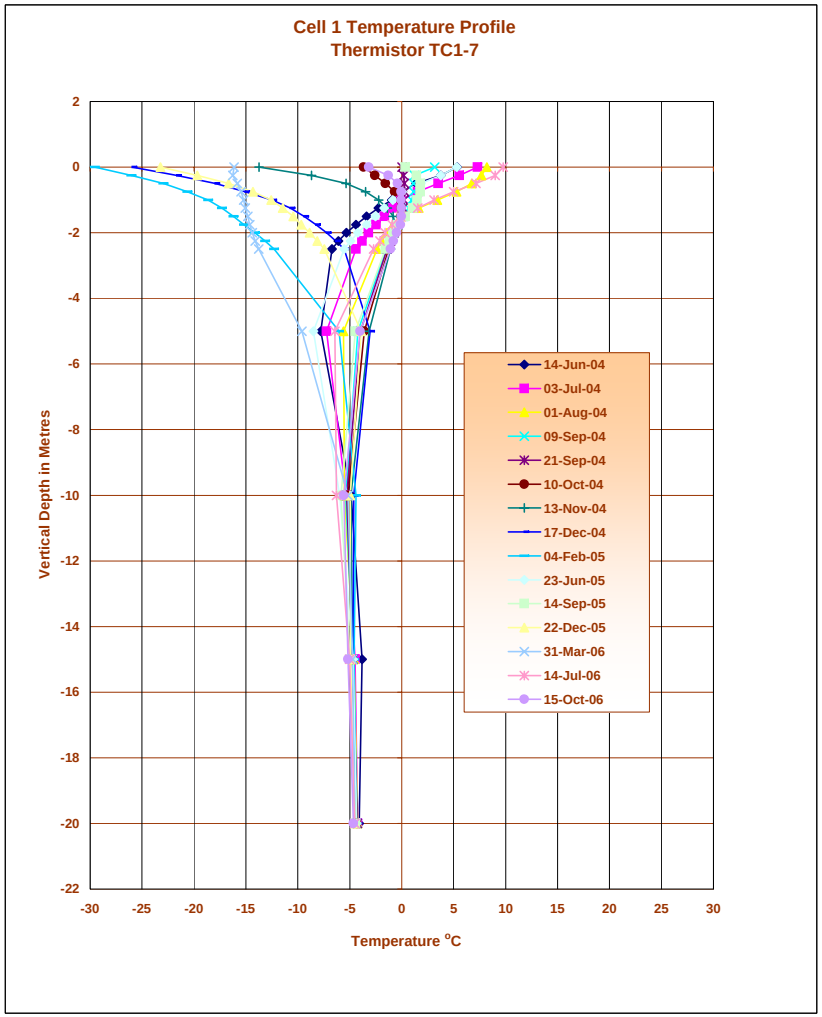
Graph No.9



Graph No.10



Graph No.11


Cell 1 Temperature Profile
Thermistor TC1-7
Vertical Depth in Metres
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14-Jul-06
15-Oct-06

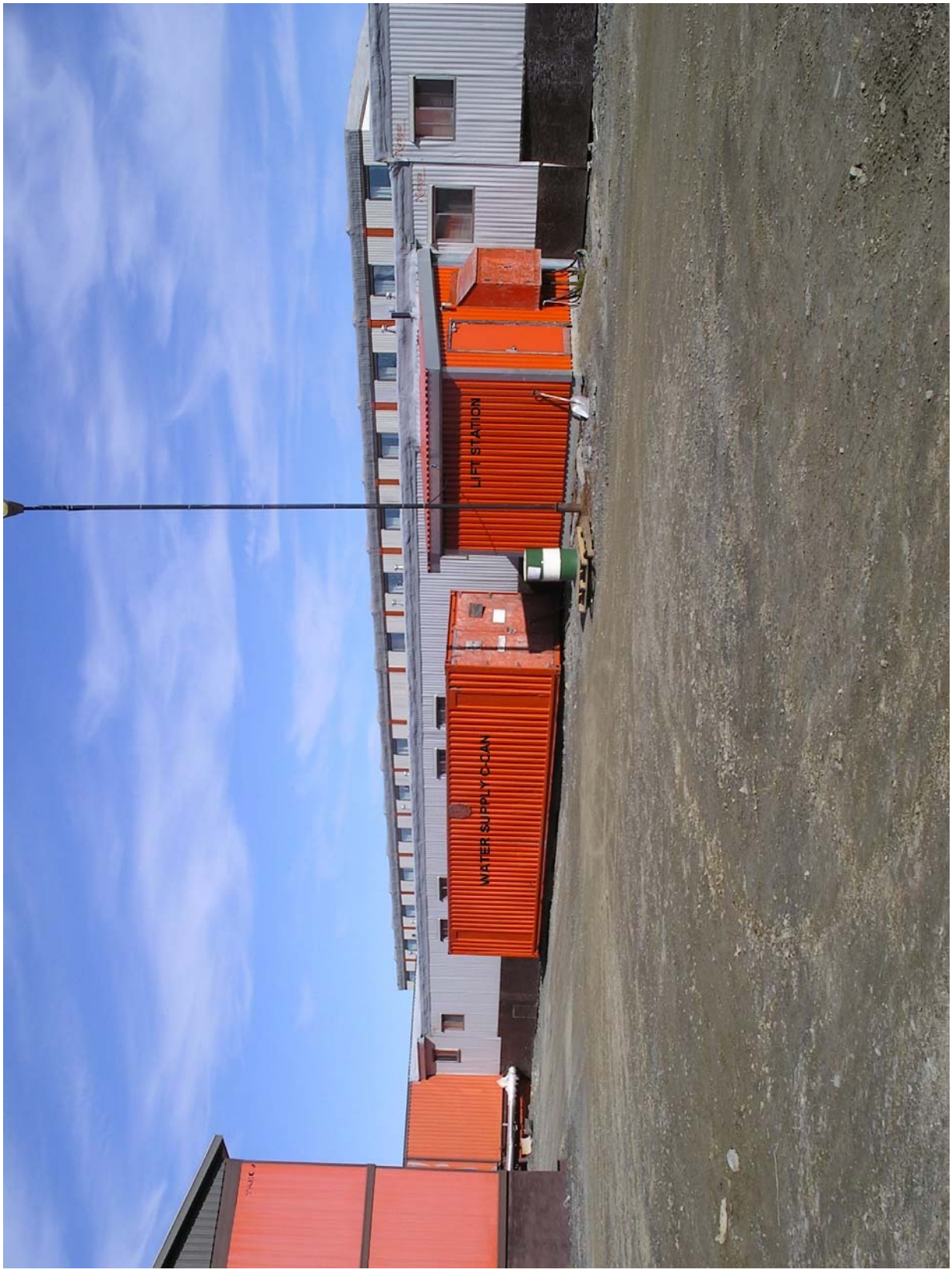

Photo 1 – 1300-wing water supply. August, 2006

Photo 2 – Water storage tank, potable water filter unit, UV unit. August, 2006.

APPENDIX B

1 – 2005 SNP Data Prior to July 15, 2005 and after August 11, 2005 (missing from 2005 Annual Report)

2 - Taiga Environmental Laboratory SNP Sample Analytical Reports for 2006

Analytical Report

Norwest Labs
7217 Roper Road NW
Edmonton, AB. T6B 3J4
Phone: (780) 438-5522
Fax: (780) 438-0396

Bill to: Echo Bay Mines Ltd.
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: S. B. Lowe
Company: Kinross Gold Corporation

Project ID:
Name:
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **393460**
Control Number:
Date Received: Jul 07, 2005
Date Reported: Jul 15, 2005
Report Number: 719296

	NWL Number	393460-1	393460-2	393460-3	
	Sample Date	Jul 05, 2005	Jul 05, 2005	Jul 05, 2005	
	Sample Description	51033 / Inner Sun Bay	51034 / Narrows out of Sun Bay	51035 / Outer Bay Beyond Sun Bay	
	Matrix	Water - General	Water - General	Water - General	
Analyte		**Units**	**Results**	**Results**	**Results**	**Detection Limit**
Inorganic Nonmetallic Parameters						
Ammonium - N		mg/L	<0.05	<0.05	<0.05	0.05
Cyanide	Strong Acid Dissociable	mg/L	0.006	0.008	0.02	0.002

Norwest Labs
7217 Roper Road NW
Edmonton, AB. T6B 3J4
Phone: (780) 438-5522
Fax: (780) 438-0396

Analytical Report

Bill to: Echo Bay Mines Ltd.
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: S. B. Lowe
Company: Kinross Gold Corporation

Project ID:
Name:
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **393460**
Control Number:
Date Received: Jul 07, 2005
Date Reported: Jul 15, 2005
Report Number: 719296

	NWL Number	393460-1	393460-2	393460-3	
	Sample Date	Jul 05, 2005	Jul 05, 2005	Jul 05, 2005	
	Sample Description	51033 / Inner Sun Bay	51034 / Narrows out of Sun Bay	51035 / Outer Bay Beyond Sun Bay	
	Matrix	Water - General	Water - General	Water - General	
Analyte		**Units**	**Results**	**Results**	**Results**	**Detection Limit**
Metals Total						
Iron	Total	mg/L	<0.1	<0.1	<0.1	0.1
Manganese	Total	mg/L	<0.005	<0.005	<0.005	0.005
Silicon	Total	mg/L	0.10	0.08	0.12	0.05
Sulfur	Total	mg/L	0.8	0.4	0.9	0.3
Mercury	Total	mg/L	<0.0001	<0.0001	<0.0001	0.0001
Aluminum	Total	mg/L	0.024	0.028	0.029	0.005
Antimony	Total	mg/L	<0.0002	<0.0002	<0.0002	0.0002
Arsenic	Total	mg/L	0.0018	0.0013	0.0016	0.0002
Barium	Total	mg/L	0.002	0.002	0.002	0.001
Beryllium	Total	mg/L	<0.0001	<0.0001	<0.0001	0.0001
Bismuth	Total	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Boron	Total	mg/L	0.011	0.006	0.004	0.002
Cadmium	Total	mg/L	0.00003	0.00001	0.00003	0.00001
Chromium	Total	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Cobalt	Total	mg/L	0.0001	0.0002	0.0001	0.0001
Copper	Total	mg/L	0.001	<0.001	0.001	0.001
Lead	Total	mg/L	0.0014	0.0006	0.0017	0.0001
Lithium	Total	mg/L	<0.001	<0.001	<0.001	0.001
Molybdenum	Total	mg/L	<0.001	<0.001	<0.001	0.001
Nickel	Total	mg/L	0.0010	0.0009	0.0012	0.0005
Selenium	Total	mg/L	<0.0002	<0.0002	<0.0002	0.0002
Silver	Total	mg/L	<0.0001	<0.0001	<0.0001	0.0001
Strontium	Total	mg/L	0.007	0.005	0.006	0.001
Thallium	Total	mg/L	<0.00005	<0.00005	<0.00005	0.00005
Tin	Total	mg/L	<0.001	<0.001	<0.001	0.001
Titanium	Total	mg/L	0.0006	0.0006	0.0015	0.0005
Uranium	Total	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Vanadium	Total	mg/L	0.0001	0.0001	0.0001	0.0001
Zinc	Total	mg/L	0.005	0.004	0.006	0.001

NORWEST LABS

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Edmonton, AB. T6B 3J4
Phone: (780) 438-5522
Fax: (780) 438-0396

Analytical Report

Bill to: Echo Bay Mines Ltd.
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: S. B. Lowe
Company: Kinross Gold Corporation

Project ID:
Name:
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **393460**
Control Number:
Date Received: Jul 07, 2005
Date Reported: Jul 15, 2005
Report Number: 719296

	NWL Number	393460-1	393460-3	393460-4	
	Sample Date	Jul 05, 2005	Jul 05, 2005	Jul 05, 2005	
	Sample Description	51033 / Inner Sun Bay	51035 / Outer Bay Beyond Sun Bay	~~51036 / North East~~ End of Airstrip	
	Matrix	Water - General	Water - General	Water - General	
Analyte		**Units**	**Results**	**Results**	**Results**	**Detection Limit**
Physical and Aggregate Properties						
Temperature of observed pH		°C	19.4	19.4	19.6	
Solids	Total Suspended	mg/L	2	3	3	1

	NWL Number	393460-1	393460-3	393460-4	
	Sample Date	Jul 05, 2005	Jul 05, 2005	Jul 05, 2005	
	Sample Description	51033 / Inner Sun Bay	51035 / Outer Bay Beyond Sun Bay	~~51036 / North East~~ End of Airstrip	
	Matrix	Water - General	Water - General	Water - General	
Analyte		**Units**	**Results**	**Results**	**Results**	**Detection Limit**
Routine Water						
pH			6.68	6.47	6.58	
Electrical Conductivity		µS/cm at 25 C	13	18	241	1
Calcium	Dissolved	mg/L	0.9	1.2	19.5	0.2
Magnesium	Dissolved	mg/L	0.5	0.5	6.4	0.1
Sodium	Dissolved	mg/L	0.6	1.1	13.6	0.4
Potassium	Dissolved	mg/L	0.4	<0.4	2.6	0.4
Iron	Dissolved	mg/L	0.02	0.02	0.37	0.01
Manganese	Dissolved	mg/L	<0.005	<0.005	0.143	0.005
Chloride	Dissolved	mg/L	0.6	3.2	19.8	0.4
Nitrate - N		mg/L	<0.01	0.11	<0.01	0.01
Nitrite - N		mg/L	<0.005	<0.005	<0.005	0.005
Nitrate and Nitrite - N		mg/L	<0.02	0.11	<0.02	0.02
Sulfate (SO4)	Dissolved	mg/L	3.3	3	67.8	0.9
Hydroxide		mg/L	<5	<5	<5	5
Carbonate		mg/L	6	<6	8	6
Bicarbonate		mg/L	<5	<5	<5	5
P-Alkalinity	as CaCO3	mg/L	<5	<5	<5	5
T-Alkalinity	as CaCO3	mg/L	5	<5	6	5
Total Dissolved Solids	Calculated	mg/L	9	9	134	1
Hardness	Dissolved as CaCO3	mg/L	4	5	75	
Ionic Balance	Dissolved	%	40	90	98	

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Methodology and Notes

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Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: S. B. Lowe
Company: Kinross Gold Corporation

Project ID:
Name:
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **393460**
Control Number:
Date Received: Jul 07, 2005
Date Reported: Jul 15, 2005
Report Number: 719296

Method of Analysis:

MethodName	Reference		Method	Date Analysis Started	Location
Alkalinity, pH, and EC in water	APHA	*	Conductivity - Laboratory Method, 2510 B	8-Jul-05	Norwest Labs Edmonton
Alkalinity, pH, and EC in water	APHA	*	Conductivity - Laboratory Method, 2510 B	12-Jul-05	Norwest Labs Edmonton
Alkalinity, pH, and EC in water	APHA	*	Electrometric Method, 4500-H+ B	8-Jul-05	Norwest Labs Edmonton
Alkalinity, pH, and EC in water	APHA	*	Electrometric Method, 4500-H+ B	12-Jul-05	Norwest Labs Edmonton
Alkalinity, pH, and EC in water	APHA	*	Titration Method, 2320 B	8-Jul-05	Norwest Labs Edmonton
Alkalinity, pH, and EC in water	APHA	*	Titration Method, 2320 B	12-Jul-05	Norwest Labs Edmonton
Ammonium-N in Water	APHA	*	Automated Phenate Method, 4500-NH3 G	15-Jul-05	Norwest Labs Edmonton
Anions (Routine) by Ion Chromatography	APHA		Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B	11-Jul-05	Norwest Labs Edmonton
Anions (Routine) by Ion Chromatography	APHA		Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B	13-Jul-05	Norwest Labs Edmonton
BTEX-TPH - Water	US EPA	*	US EPA method, 8021B/5035B	14-Jul-05	Norwest Labs Calgary
Chloride in Water	APHA	*	Automated Ferricyanide Method, 4500-Cl- E	8-Jul-05	Norwest Labs Edmonton
Chloride in Water	APHA	*	Automated Ferricyanide Method, 4500-Cl- E	12-Jul-05	Norwest Labs Edmonton
Chloride in Water	APHA	*	Automated Ferricyanide Method, 4500-Cl- E	8-Jul-05	Norwest Labs Edmonton
Cyanide (Strong Acid Dissociable) in water	APHA	*	Total Cyanide after Distillation, 4500-CN- C	11-Jul-05	Norwest Labs Edmonton
Glycols - Water	US EPA	*	US EPA method, 8000	13-Jul-05	Norwest Labs Calgary
Mercury (Total) in water	MDMES	*	Determination of Mercury in Water by Cold Vapor Atomic Absor, 245.1	8-Jul-05	Norwest Labs Edmonton
Mercury (Total) in water	MDMES	*	Determination of Mercury in Water by Cold Vapor Atomic Absor, 245.1	12-Jul-05	Norwest Labs Edmonton
Metals ICP-MS (Total) in water	US EPA	*	Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8	8-Jul-05	Norwest Labs Edmonton
Metals ICP-MS (Total) in water	US EPA	*	Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8	12-Jul-05	Norwest Labs Edmonton
Metals Trace (Dissolved) in water	APHA	*	Inductively Coupled Plasma (ICP) Method, 3120 B	11-Jul-05	Norwest Labs Edmonton
Metals Trace (Dissolved) in water	APHA	*	Inductively Coupled Plasma (ICP) Method, 3120 B	11-Jul-05	Norwest Labs Edmonton
Metals Trace (Dissolved) in water	APHA	*	Inductively Coupled Plasma (ICP) Method, 3120 B	13-Jul-05	Norwest Labs Edmonton

Please direct any inquiries regarding this report to our Client Services group.
Results relate only to samples as submitted

Norwest Labs
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Methodology and Notes

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Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: S. B. Lowe
Company: Kinross Gold Corporation

Project ID:
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NWL Lot ID: **393460**
Control Number:
Date Received: Jul 07, 2005
Date Reported: Jul 15, 2005
Report Number: 719296

Metals Trace (Total) in water	APHA	*	Inductively Coupled Plasma (ICP) Method, 3120 B	8-Jul-05	Norwest Labs Edmonton
Metals Trace (Total) in water	APHA	*	Inductively Coupled Plasma (ICP) Method, 3120 B	12-Jul-05	Norwest Labs Edmonton
Metals Trace (Total) in water	APHA	*	Inductively Coupled Plasma (ICP) Method, 3120 B	12-Jul-05	Norwest Labs Edmonton
Solids Suspended (Total, Fixed and Volatile)	APHA	*	Total Suspended Solids Dried at 103-105'C, 2540 D	8-Jul-05	Norwest Labs Edmonton
Solids Suspended (Total, Fixed and Volatile)	APHA	*	Total Suspended Solids Dried at 103-105'C, 2540 D	12-Jul-05	Norwest Labs Edmonton
TEH - Water	Alta. Env. Method	*	Alta. Env. method, A108.0	13-Jul-05	Norwest Labs Calgary

* Norwest method(s) is based on reference method

References:

Alta. Env. Method	Alberta Environment Method
APHA	Standard Methods for the Examination of Water and Wastewater
MDMES	Mthds for the Determination of Metals in Enviromental Smpls
US EPA	US Environmental Protection Agency Test Methods

Comments:

Cancelled Alkalinity for sample 2 as no unpreserved sample available.

Also cancelled anions, TSS, and dissolved metals and notified Mike.
Revised by RL on July 11, 2005.
Cancelled chloride on sample 2 due to insufficient sample volume.
Insuffient samples for analysis for sample 4, 5, 6, and 7. Eddie has contacted the client. Client will be bring more samples for sample 4, 5, 6, and 7 for analysis of TW35, TSS, TEH1 on Monday (July 11/05).

Sample 1 The ion balance was outside the acceptable range for sample 393460-1. The ion balance can be variable in samples with TDS less than 100 mg/L.

6 Insufficient sample was provided to reach lower detection limit of 1 mg/l. CO, Jul 12/05

NORWEST LABS

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Analytical Report

Bill to: Kinross Gold Corporation
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: Steve Schlesak
Company: Kinross Gold Corporation

Project ID:
Name: Lupin Mine, Nunavut
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **402534**
Control Number:
Date Received: Aug 18, 2005
Date Reported: Aug 24, 2005
Report Number: 735985

			NWL Number	402534-16	402534-17	402534-18	
			Sample Date	Aug 16, 2005	Aug 16, 2005	Aug 16, 2005	
			Sample Description	51125 / 925-22-1	51126 / 925-22-2	51127 / 925-22-3	
			Matrix	Water - General	Water - General	Water - General	
Analyte		**Units**		**Results**	**Results**	**Results**	**Detection Limit**
Inorganic Nonmetallic Parameters							
Ammonium - N		mg/L		0.21	0.22	0.22	0.05
Cyanide	Strong Acid Dissociable	mg/L		0.004	0.004	0.004	0.002
Metals Total							
Iron	Total	mg/L		0.1	<0.1	<0.1	0.1
Manganese	Total	mg/L		0.165	0.163	0.163	0.005
Silicon	Total	mg/L		0.50	0.43	0.41	0.05
Sulfur	Total	mg/L		21.9	23.6	23.8	0.3
Mercury	Total	mg/L		<0.0001	<0.0001	<0.0001	0.0001
Aluminum	Total	mg/L		0.033	0.039	0.035	0.005
Antimony	Total	mg/L		<0.0002	0.0006	0.0003	0.0002
Arsenic	Total	mg/L		0.0012	0.0015	0.0012	0.0002
Barium	Total	mg/L		0.009	0.009	0.009	0.001
Beryllium	Total	mg/L		<0.0001	<0.0001	<0.0001	0.0001
Bismuth	Total	mg/L		<0.0005	<0.0005	<0.0005	0.0005
Boron	Total	mg/L		0.019	0.020	0.020	0.002
Cadmium	Total	mg/L		0.00005	0.00006	0.00005	0.00001
Chromium	Total	mg/L		<0.0005	<0.0005	<0.0005	0.0005
Cobalt	Total	mg/L		0.0058	0.0060	0.0061	0.0001
Copper	Total	mg/L		0.002	0.002	0.002	0.001
Lead	Total	mg/L		0.0001	0.0004	0.0002	0.0001
Lithium	Total	mg/L		0.006	0.006	0.006	0.001
Molybdenum	Total	mg/L		<0.001	<0.001	<0.001	0.001
Nickel	Total	mg/L		0.0236	0.0247	0.0246	0.0005
Selenium	Total	mg/L		<0.0002	<0.0002	<0.0002	0.0002
Silver	Total	mg/L		<0.0001	<0.0001	<0.0001	0.0001
Strontium	Total	mg/L		0.068	0.070	0.071	0.001
Thallium	Total	mg/L		<0.00005	<0.00005	<0.00005	0.00005
Tin	Total	mg/L		<0.001	<0.001	<0.001	0.001
Titanium	Total	mg/L		0.0012	0.0016	0.0013	0.0005
Uranium	Total	mg/L		<0.0005	<0.0005	<0.0005	0.0005
Vanadium	Total	mg/L		<0.0001	0.0001	0.0001	0.0001
Zinc	Total	mg/L		0.052	0.055	0.055	0.001
Physical and Aggregate Properties							
Temperature of observed pH		°C		22.3	22.3	22.3	
Solids	Total Suspended	mg/L		<2	<3	<2	1

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Analytical Report

Bill to: Kinross Gold Corporation
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: Steve Schlesak
Company: Kinross Gold Corporation

Project ID:
Name: Lupin Mine, Nunavut
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **402534**
Control Number:
Date Received: Aug 18, 2005
Date Reported: Aug 24, 2005
Report Number: 735985

			NWL Number	402534-16	402534-17	402534-18	
			Sample Date	Aug 16, 2005	Aug 16, 2005	Aug 16, 2005	
			Sample Description	51125 / 925-22-1	51126 / 925-22-2	51127 / 925-22-3	
			Matrix	Water - General	Water - General	Water - General	
Analyte		**Units**		**Results**	**Results**	**Results**	**Detection Limit**
Routine Water							
pH				6.42	6.46	6.48	
Electrical Conductivity		µS/cm at 25 C		217	222	218	1
Calcium	Dissolved	mg/L		16.5	17.1	16.6	0.2
Magnesium	Dissolved	mg/L		2.1	2.2	2.1	0.1
Sodium	Dissolved	mg/L		18.0	18.6	18.2	0.4
Potassium	Dissolved	mg/L		1.5	1.6	1.6	0.4
Iron	Dissolved	mg/L		0.01	0.01	0.02	0.01
Manganese	Dissolved	mg/L		0.151	0.156	0.153	0.005
Chloride	Dissolved	mg/L		13.0	13.5	13.0	0.4
Nitrate - N		mg/L		1.54	1.56	1.54	0.01
Nitrite - N		mg/L		<0.005	<0.005	<0.005	0.005
Nitrate and Nitrite - N		mg/L		1.54	1.56	1.54	0.02
Sulfate (SO4)	Dissolved	mg/L		68.7	69.9	68.6	0.9
Hydroxide		mg/L		<5	<5	<5	5
Carbonate		mg/L		<6	<6	<6	6
Bicarbonate		mg/L		<5	<5	<5	5
P-Alkalinity	as CaCO3	mg/L		<5	<5	<5	5
T-Alkalinity	as CaCO3	mg/L		<5	<5	<5	5
Total Dissolved Solids	Calculated	mg/L		120	123	120	1
Hardness	Dissolved as CaCO3	mg/L		49.9	51.6	50.1	
Ionic Balance	Dissolved	%		97	98	98	

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Analytical Report

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Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: Steve Schlesak
Company: Kinross Gold Corporation

Project ID:
Name: Lupin Mine, Nunavut
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **402534**
Control Number:
Date Received: Aug 18, 2005
Date Reported: Aug 24, 2005
Report Number: 735985

	NWL Number	402534-19	402534-20	402534-21	
	Sample Date	Aug 16, 2005	Aug 16, 2005	Aug 17, 2005	
	Sample Description	51128 / 925-24	51129 / 925-25	~~51130 / 925-10~~	
	Matrix	Water - General	Water - General	Water - General	
Analyte		**Units**	**Results**	**Results**	**Results**	**Detection Limit**
Inorganic Nonmetallic Parameters						
Ammonium - N		mg/L	0.30	<0.05	1.58	0.05
Cyanide	Strong Acid Dissociable	mg/L	0.01	0.002	0.030	0.002
Metals Total						
Iron	Total	mg/L	0.1	<0.1	0.2	0.1
Manganese	Total	mg/L	0.155	0.020	1.07	0.005
Silicon	Total	mg/L	0.38	0.13	1.96	0.05
Sulfur	Total	mg/L	30.4	4.8	108	0.3
Mercury	Total	mg/L	<0.0001	<0.0001	<0.0001	0.0001
Mercury	Total	ug/L	-	-	<0.02	0.02
Aluminum	Total	mg/L	0.028	0.018	0.194	0.005
Antimony	Total	mg/L	0.0005	0.0011	0.0015	0.0002
Arsenic	Total	mg/L	0.0011	0.0010	0.0096	0.0002
Barium	Total	mg/L	0.014	0.004	0.017	0.001
Beryllium	Total	mg/L	<0.0001	<0.0001	<0.0001	0.0001
Bismuth	Total	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Boron	Total	mg/L	0.024	0.005	0.085	0.002
Cadmium	Total	mg/L	0.00006	0.00002	0.00015	0.00001
Chromium	Total	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Cobalt	Total	mg/L	0.0049	0.0007	0.0503	0.0001
Copper	Total	mg/L	0.001	<0.001	0.015	0.001
Lead	Total	mg/L	0.0002	0.0004	0.0006	0.0001
Lithium	Total	mg/L	0.008	0.002	0.027	0.001
Molybdenum	Total	mg/L	<0.001	<0.001	0.002	0.001
Nickel	Total	mg/L	0.0289	0.0044	0.102	0.0005
Selenium	Total	mg/L	<0.0002	<0.0002	0.0002	0.0002
Silver	Total	mg/L	<0.0001	<0.0001	<0.0001	0.0001
Strontium	Total	mg/L	0.089	0.018	0.306	0.001
Thallium	Total	mg/L	<0.00005	<0.00005	<0.00005	0.00005
Tin	Total	mg/L	<0.001	<0.001	<0.001	0.001
Titanium	Total	mg/L	0.0017	0.0006	0.0049	0.0005
Uranium	Total	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Vanadium	Total	mg/L	0.0001	0.0001	0.0001	0.0001
Zinc	Total	mg/L	0.065	0.014	0.273	0.001
Physical and Aggregate Properties						
Temperature of observed pH		°C	22.3	22.7	22.4	

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Analytical Report

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9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: Steve Schlesak
Company: Kinross Gold Corporation

Project ID:
Name: Lupin Mine, Nunavut
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **402534**
Control Number:
Date Received: Aug 18, 2005
Date Reported: Aug 24, 2005
Report Number: 735985

	NWL Number	402534-19	402534-20	402534-21	
	Sample Date	Aug 16, 2005	Aug 16, 2005	Aug 17, 2005	
	Sample Description	51128 / 925-24	51129 / 925-25	~~51130 / 925-10~~	
	Matrix	Water - General	Water - General	Water - General	
Analyte		**Units**	**Results**	**Results**	**Results**	**Detection Limit**
Physical and Aggregate Properties - Continued						
Solids	Total Suspended	mg/L	<3	<2	<3	1
Routine Water						
pH			6.38	6.83	5.47	
Electrical Conductivity		µS/cm at 25 C	275	53	888	1
Calcium	Dissolved	mg/L	21.1	3.6	73.5	0.2
Magnesium	Dissolved	mg/L	2.6	0.7	7.7	0.1
Sodium	Dissolved	mg/L	23.4	3.5	86.4	0.4
Potassium	Dissolved	mg/L	1.9	<0.4	7.2	0.4
Iron	Dissolved	mg/L	0.01	<0.01	0.03	0.01
Manganese	Dissolved	mg/L	0.145	0.019	1.03	0.005
Chloride	Dissolved	mg/L	16.4	3.0	58.4	0.4
Nitrate - N		mg/L	1.92	0.29	7.58	0.01
Nitrite - N		mg/L	<0.005	<0.005	0.043	0.005
Nitrate and Nitrite - N		mg/L	1.92	0.29	7.62	0.02
Sulfate (SO4)	Dissolved	mg/L	86.8	14	312	0.9
Hydroxide		mg/L	<5	<5	<5	5
Carbonate		mg/L	<6	<6	<6	6
Bicarbonate		mg/L	<5	<5	<5	5
P-Alkalinity	as CaCO3	mg/L	<5	<5	<5	5
T-Alkalinity	as CaCO3	mg/L	<5	<5	<5	5
Total Dissolved Solids	Calculated	mg/L	153	25	547	1
Hardness	Dissolved as CaCO3	mg/L	64	10	215	
Ionic Balance	Dissolved	%	98	100	97	

Approved by:

Darlene Lintott, MSc
Client Services Team Leader

NORWEST LABS

Norwest Labs
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Quality Control

Bill to: Kinross Gold Corporation
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: Steve Schlesak
Company: Kinross Gold Corporation

Project
ID:
Name: Lupin Mine, Nunavut
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **402534**
Control Number:
Date Received: Aug 18, 2005
Date Reported: Aug 24, 2005
Report Number: 735985

Inorganic Nonmetallic Parameters

Blanks	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Ammonium - N	mg/L	<0.05	0.00	-0.08	0.08	✓
Cyanide	mg/L	<0.001	0.000	-0.001	0.001	✓
Material Used:	Edmonton Method Blank					
Date Acquired:	Aug 24, 2005					
Acquired By:	Gordon Grensmann					

Replicates	Units	Replicate1	Replicate2	% RSD Criteria	Absolute Criteria	Passed QC
Ammonium - N	mg/L	1.33	1.30	9.99	0.10	✓
Material Used:	Edmonton Duplicate					
Date Acquired:	Aug 19, 2005					
Acquired By:	Gordon Grensmann					

Control Sample	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Ammonium - N	mg/L	2.96	2.99	2.59	3.39	✓
Cyanide	mg/L	0.080	0.077	0.067	0.087	✓
Material Used:	Water High					
Date Acquired:	Aug 24, 2005					
Acquired By:	Gordon Grensmann					
Ammonium - N	mg/L	0.78	0.79	0.66	0.91	✓
Cyanide	mg/L	0.015	0.016	0.013	0.018	✓
Material Used:	Water Low					
Date Acquired:	Aug 24, 2005					
Acquired By:	Gordon Grensmann					

Metals Dissolved

Blanks	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Sulfur	mg/L	<0.3	0.0	-0.3	0.3	✓
Material Used:	Edmonton Method Blank					
Date Acquired:	Aug 19, 2005					
Acquired By:	To Thong					

Replicates	Units	Replicate1	Replicate2	% RSD Criteria	Absolute Criteria	Passed QC
Sulfur	mg/L	699	692	10.0	0.1	✓
Material Used:	Edmonton Duplicate					
Date Acquired:	Aug 19, 2005					
Acquired By:	To Thong					

Control Sample	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Sulfur	mg/L	48.0	50.0	45.0	55.0	✓
Material Used:	Metals High					
Date Acquired:	Aug 19, 2005					
Acquired By:	To Thong					
Sulfur	mg/L	0.9	1.0	0.9	1.2	✓
Material Used:	Metals Low					
Date Acquired:	Aug 19, 2005					
Acquired By:	To Thong					

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Fax: (780) 438-0396

Quality Control

Bill to: Kinross Gold Corporation
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: Steve Schlesak
Company: Kinross Gold Corporation

Project ID:
Name: Lupin Mine, Nunavut
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: 402534
Control Number:
Date Received: Aug 18, 2005
Date Reported: Aug 24, 2005
Report Number: 735985

Metals Total

Blanks	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Iron	mg/L	<0.1	0.0	0.0	0.0	✓
Manganese	mg/L	<0.005	0.000	-0.001	0.001	✓
Silicon	mg/L	<0.05	0.02	-0.04	0.09	✓
Sulfur	mg/L	<0.3	0.0	-0.3	0.3	✓
Mercury	mg/L	<0.0001	0.0000	0.0000	0.0000	✓
Aluminum	ug/L	<5	0	-5	5	✓
Antimony	ug/L	<0.2	0.0	-0.2	0.2	✓
Arsenic	ug/L	<0.2	0.0	-0.2	0.2	✓
Barium	ug/L	<1	0	-1	1	✓
Beryllium	ug/L	<0.1	0.0	-0.1	0.1	✓
Bismuth	ug/L	<0.5	0.0	-0.5	0.5	✓
Boron	ug/L	<2	0	-2	2	✓
Cadmium	ug/L	<0.01	0.00	-0.01	0.01	✓
Chromium	ug/L	<0.5	0.0	-0.5	0.5	✓
Cobalt	ug/L	<0.1	0.0	-0.1	0.1	✓
Copper	ug/L	<1	0	-1	1	✓
Lead	ug/L	<0.1	0.0	-0.1	0.1	✓
Lithium	ug/L	<1	0	-1	1	✓
Molybdenum	ug/L	<1	0	-1	1	✓
Nickel	ug/L	<0.5	0.0	-0.5	0.5	✓
Selenium	ug/L	<0.2	0.0	-0.2	0.2	✓
Silver	ug/L	<0.1	0.0	-0.1	0.1	✓
Strontium	ug/L	<1	0	-1	1	✓
Thallium	ug/L	<0.05	0.00	-0.05	0.05	✓
Tin	ug/L	<1	0	-1	1	✓
Titanium	ug/L	<0.5	0.0	-0.5	0.5	✓
Uranium	ug/L	<0.5	0.0	-0.5	0.5	✓
Vanadium	ug/L	<0.1	0.0	-0.1	0.1	✓
Zinc	ug/L	<1	0	-1	1	✓
Material Used:	Edmonton Method Blank					
Date Acquired:	Aug 22, 2005					
Acquired By:	Linda Li					
Mercury	ug/L	<0.02	0.000	-20.010	20.010	✓
Material Used:	Metals Blank - water - total					
Date Acquired:	Aug 22, 2005					
Acquired By:	Kelly Restiaux					

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Quality Control

Bill to: Kinross Gold Corporation
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: Steve Schlesak
Company: Kinross Gold Corporation

Project ID:
Name: Lupin Mine, Nunavut
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: 402534
Control Number:
Date Received: Aug 18, 2005
Date Reported: Aug 24, 2005
Report Number: 735985

Metals Total (Continued...)

Replicates	Units	Replicate1	Replicate2	% RSD Criteria	Absolute Criteria	Passed QC
Iron	mg/L	0.2	0.2	15.0	0.2	✓
Manganese	mg/L	1.05	1.04	15.000	0.010	✓
Silicon	mg/L	1.90	1.88	15.00	0.10	✓
Sulfur	mg/L	23.6	23.6	15.0	0.1	✓
Mercury	mg/L	<0.0001	<0.0001	9.9900	0.0003	✓
Aluminum	ug/L	28	28	15	11	✓
Antimony	ug/L	0.5	0.5	15.0	0.4	✓
Arsenic	ug/L	13.6	13.9	15.0	0.4	✓
Barium	ug/L	16	16	15	2	✓
Beryllium	ug/L	<0.1	<0.1	15.0	0.2	✓
Bismuth	ug/L	<0.5	<0.5	15.0	1.1	✓
Boron	ug/L	88	91	15	4	✓
Cadmium	ug/L	0.21	0.19	15.00	0.02	✓
Chromium	ug/L	<0.5	<0.5	15.0	1.1	✓
Cobalt	ug/L	46.5	48.5	15.0	0.2	✓
Copper	ug/L	15	16	15	2	✓
Lead	ug/L	0.7	0.6	15.0	0.2	✓
Lithium	ug/L	8	8	15	2	✓
Molybdenum	ug/L	2	2	15	2	✓
Nickel	ug/L	93.1	97.1	15.0	1.1	✓
Selenium	ug/L	0.4	0.5	15.0	0.4	✓
Silver	ug/L	<0.1	<0.1	15.0	0.2	✓
Strontium	ug/L	89	88	15	2	✓
Thallium	ug/L	<0.05	<0.05	15.00	0.11	✓
Tin	ug/L	<1	<1	15	2	✓
Titanium	ug/L	4.4	4.8	15.0	1.1	✓
Uranium	ug/L	<0.5	<0.5	15.0	1.1	✓
Vanadium	ug/L	0.1	0.1	15.0	0.2	✓
Zinc	ug/L	65	67	15	2	✓
Material Used:	Edmonton Duplicate					
Date Acquired:	Aug 22, 2005					
Acquired By:	Linda Li					
Mercury	ug/L	<0.02	<0.02	30.000	0.050	✓
Material Used:	Metals Int. Duplicate - water tot					
Date Acquired:	Aug 22, 2005					
Acquired By:	Kelly Restiaux					

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Quality Control

Bill to: Kinross Gold Corporation
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: Steve Schlesak
Company: Kinross Gold Corporation

Project ID:
Name: Lupin Mine, Nunavut
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: 402534
Control Number:
Date Received: Aug 18, 2005
Date Reported: Aug 24, 2005
Report Number: 735985

Metals Total (Continued...)

Control Sample	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Iron	mg/L	2.0	2.0	1.8	2.2	✓
Manganese	mg/L	0.480	0.500	0.450	0.550	✓
Silicon	mg/L	4.73	5.00	4.50	5.50	✓
Sulfur	mg/L	10.0	10.0	9.0	11.0	✓
Mercury	mg/L	0.0008	0.0008	0.0007	0.0010	✓
Aluminum	ug/L	284	322	273	371	✓
Antimony	ug/L	11.7	11.5	10.2	12.8	✓
Arsenic	ug/L	11.4	11.5	10.3	12.7	✓
Barium	ug/L	63	61	52	69	✓
Beryllium	ug/L	5.7	5.9	4.9	7.0	✓
Bismuth	ug/L	29.7	30.2	26.0	34.4	✓
Boron	ug/L	114	125	102	148	✓
Cadmium	ug/L	0.65	0.63	0.47	0.78	✓
Chromium	ug/L	30.3	31.8	27.5	36.2	✓
Cobalt	ug/L	6.2	6.4	5.4	7.5	✓
Copper	ug/L	62	63	55	70	✓
Lead	ug/L	6.2	6.2	5.4	7.0	✓
Lithium	ug/L	60	65	53	76	✓
Molybdenum	ug/L	61	61	53	69	✓
Nickel	ug/L	30.1	31.4	27.0	35.8	✓
Selenium	ug/L	11.5	11.0	9.7	12.3	✓
Silver	ug/L	6.3	6.2	5.5	7.0	✓
Strontium	ug/L	62	64	55	72	✓
Thallium	ug/L	3.14	3.14	2.56	3.72	✓
Tin	ug/L	58	59	52	66	✓
Titanium	ug/L	29.6	31.5	27.0	36.0	✓
Uranium	ug/L	30.6	30.8	26.9	34.7	✓
Vanadium	ug/L	6.3	6.5	5.4	7.6	✓
Zinc	ug/L	59	59	49	69	✓
Material Used:	Edmonton Digestion Check					
Date Acquired:	Aug 22, 2005					
Acquired By:	Linda Li					
Iron	mg/L	10.0	10.0	9.0	11.0	✓
Manganese	mg/L	2.45	2.500	2.250	2.750	✓
Silicon	mg/L	24.4	25.00	22.50	27.50	✓
Sulfur	mg/L	52.3	50.0	45.0	55.0	✓
Mercury	mg/L	0.0030	0.0031	0.0027	0.0035	✓
Material Used:	Metals High					
Date Acquired:	Aug 22, 2005					
Acquired By:	To Thong					

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Quality Control

Bill to: Kinross Gold Corporation
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: Steve Schlesak
Company: Kinross Gold Corporation

Project ID:
Name: Lupin Mine, Nunavut
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: 402534
Control Number:
Date Received: Aug 18, 2005
Date Reported: Aug 24, 2005
Report Number: 735985

Metals Total (Continued...)

Control Sample	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Iron	mg/L	0.2	0.2	0.2	0.2	✓
Manganese	mg/L	0.050	0.050	0.045	0.055	✓
Silicon	mg/L	0.48	0.50	0.45	0.55	✓
Sulfur	mg/L	0.9	1.0	0.9	1.2	✓
Mercury	mg/L	0.0008	0.0008	-0.0016	0.0032	✓
Aluminum	ug/L	994	1000	850	1150	✓
Antimony	ug/L	41.2	40.0	34.0	46.0	✓
Arsenic	ug/L	42.0	40.0	34.0	46.0	✓
Barium	ug/L	205	200	170	230	✓
Beryllium	ug/L	20.9	20.0	17.0	23.0	✓
Bismuth	ug/L	97.5	100.0	85.0	115.0	✓
Boron	ug/L	401	400	340	460	✓
Cadmium	ug/L	2.16	2.00	1.70	2.30	✓
Chromium	ug/L	94.6	100.0	85.0	115.0	✓
Cobalt	ug/L	20.8	20.0	17.0	23.0	✓
Copper	ug/L	196	200	170	230	✓
Lead	ug/L	20.5	20.0	17.0	23.0	✓
Lithium	ug/L	206	200	170	230	✓
Molybdenum	ug/L	194	200	170	230	✓
Nickel	ug/L	93.8	100.0	85.0	115.0	✓
Selenium	ug/L	41.5	40.0	34.0	46.0	✓
Silver	ug/L	21.0	20.0	17.0	23.0	✓
Strontium	ug/L	204	200	170	230	✓
Thallium	ug/L	10.5	10.00	8.50	11.50	✓
Tin	ug/L	190	200	170	230	✓
Titanium	ug/L	93.9	100.0	85.0	115.0	✓
Uranium	ug/L	98.1	100.0	85.0	115.0	✓
Vanadium	ug/L	20.2	20.0	17.0	23.0	✓
Zinc	ug/L	208	200	170	230	✓

Material Used: Metals Low
Date Acquired: Aug 22, 2005
Acquired By: Linda Li

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Edmonton, AB. T6B 3J4
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Quality Control

Bill to: Kinross Gold Corporation
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: Steve Schlesak
Company: Kinross Gold Corporation

Project ID:
Name: Lupin Mine, Nunavut
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: 402534
Control Number:
Date Received: Aug 18, 2005
Date Reported: Aug 24, 2005
Report Number: 735985

Metals Total (Continued...)

Control Sample	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Aluminum	ug/L	52	50	43	58	✓
Antimony	ug/L	2.0	2.0	1.7	2.3	✓
Arsenic	ug/L	2.2	2.0	1.7	2.3	✓
Barium	ug/L	10	10	9	12	✓
Beryllium	ug/L	1.0	1.0	0.9	1.2	✓
Bismuth	ug/L	5.1	5.0	4.3	5.8	✓
Boron	ug/L	21	20	17	23	✓
Cadmium	ug/L	0.11	0.10	0.09	0.12	✓
Chromium	ug/L	5.1	5.0	4.3	5.8	✓
Cobalt	ug/L	1.0	1.0	0.9	1.2	✓
Copper	ug/L	10	10	9	12	✓
Lead	ug/L	1.0	1.0	0.9	1.2	✓
Lithium	ug/L	11	10	9	12	✓
Molybdenum	ug/L	10	10	9	12	✓
Nickel	ug/L	4.9	5.0	4.3	5.8	✓
Selenium	ug/L	2.0	2.0	1.7	2.3	✓
Silver	ug/L	1.1	1.0	0.9	1.2	✓
Strontium	ug/L	10	10	9	12	✓
Thallium	ug/L	0.51	0.50	0.43	0.58	✓
Tin	ug/L	10	10	9	12	✓
Titanium	ug/L	5.0	5.0	4.3	5.8	✓
Uranium	ug/L	5.2	5.0	4.3	5.8	✓
Vanadium	ug/L	1.0	1.0	0.9	1.2	✓
Zinc	ug/L	11	10	9	12	✓
Material Used:	Metals Trace					
Date Acquired:	Aug 22, 2005					
Acquired By:	Linda Li					
Mercury	ug/L	12	14.000	11.000	17.000	✓
Material Used:	S0102 - Hg					
Date Acquired:	Aug 22, 2005					
Acquired By:	Kelly Restiaux					

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Quality Control

Bill to: Kinross Gold Corporation
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: Steve Schlesak
Company: Kinross Gold Corporation

Project
ID:
Name: Lupin Mine, Nunavut
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: 402534
Control Number:
Date Received: Aug 18, 2005
Date Reported: Aug 24, 2005
Report Number: 735985

Physical and Aggregate Properties

Replicates	Units	Replicate1	Replicate2	% RSD Criteria	Absolute Criteria	Passed QC
Solids	mg/L	48	47	10	15	✓
Material Used:	Edmonton Duplicate					
Date Acquired:	Aug 19, 2005					
Acquired By:	Christina Onyskiw					

Control Sample	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Solids	mg/L	199	200	180	220	✓
Material Used:	Water High					
Date Acquired:	Aug 19, 2005					
Acquired By:	Christina Onyskiw					
Solids	mg/L	19	20	18	22	✓
Material Used:	Water Low					
Date Acquired:	Aug 19, 2005					
Acquired By:	Christina Onyskiw					

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Quality Control

Bill to: Kinross Gold Corporation
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: Steve Schlesak
Company: Kinross Gold Corporation

Project
ID:
Name: Lupin Mine, Nunavut
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **402534**
Control Number:
Date Received: Aug 18, 2005
Date Reported: Aug 24, 2005
Report Number: 735985

Routine Water

Blanks	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Calcium	mg/L	<0.2	0.0	-0.2	0.2	✓
Magnesium	mg/L	<0.1	0.0	-0.1	0.1	✓
Sodium	mg/L	<0.4	0.0	-0.4	0.4	✓
Potassium	mg/L	<0.4	0.0	-0.4	0.4	✓
Iron	mg/L	<0.01	0.00	-0.01	0.01	✓
Manganese	mg/L	<0.005	0.000	-0.005	0.005	✓
Chloride	mg/L	<0.4	0.0	-0.5	0.5	✓
Nitrate - N	mg/L	<0.01	0.00	-0.01	0.01	✓
Nitrite - N	mg/L	<0.005	0.000	-0.005	0.005	✓

Material Used: Edmonton Method Blank
Date Acquired: Aug 19, 2005
Acquired By: Marc Dzura

Replicates	Units	Replicate1	Replicate2	% RSD Criteria	Absolute Criteria	Passed QC
pH		7.89	7.89	9.99	0.10	✓
Electrical Conductivity	dS/m at 25 C	1.60	1.60	9.990	0.002	✓
Calcium	mg/L	721	714	10.0	0.6	✓
Magnesium	mg/L	4.8	4.7	10.0	0.7	✓
Sodium	mg/L	56	55	10.0	1.2	✓
Potassium	mg/L	45	44	10.0	1.2	✓
Iron	mg/L	0.11	0.10	9.99	0.05	✓
Manganese	mg/L	0.608	0.600	9.990	0.010	✓
Chloride	mg/L	3.0	3.1	10.0	0.5	✓
Nitrate - N	mg/L	7.54	7.57	9.99	0.01	✓
Nitrite - N	mg/L	0.050	0.051	9.990	0.010	✓
Hydroxide	mg/L	<5	<5	10		✓
Carbonate	mg/L	<6	<6	10		✓
Bicarbonate	mg/L	606	612	10		✓
P-Alkalinity	mg/L	<5	<5	10	5	✓
T-Alkalinity	mg/L	497	502	10	5	✓

Material Used: Edmonton Duplicate
Date Acquired: Aug 19, 2005
Acquired By: Annya Hundal

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Fax: (780) 438-0396

Quality Control

Bill to: Kinross Gold Corporation
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: Steve Schlesak
Company: Kinross Gold Corporation

Project ID:
Name: Lupin Mine, Nunavut
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: 402534
Control Number:
Date Received: Aug 18, 2005
Date Reported: Aug 24, 2005
Report Number: 735985

Routine Water (Continued...)

Control Sample		Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Chloride		mg/L	2060	2087.0	1875.2	2298.8	✓
Material Used:	Chloride High						
Date Acquired:	Aug 19, 2005						
Acquired By:	Annva Hundal						
Calcium		mg/L	237	250.0	225.0	275.0	✓
Magnesium		mg/L	95.9	100.0	90.0	110.0	✓
Sodium		mg/L	244	250.0	225.0	275.0	✓
Potassium		mg/L	244	250.0	225.0	275.0	✓
Iron		mg/L	9.77	10.00	9.01	10.99	✓
Manganese		mg/L	2.34	2.500	2.260	2.740	✓
Material Used:	Metals High						
Date Acquired:	Aug 19, 2005						
Acquired By:	To Thong						
Calcium		mg/L	5.1	5.0	4.5	5.5	✓
Magnesium		mg/L	2.1	2.0	1.8	2.2	✓
Sodium		mg/L	4.6	5.0	4.5	5.5	✓
Potassium		mg/L	4.7	5.0	4.5	5.5	✓
Iron		mg/L	0.21	0.20	0.18	0.22	✓
Manganese		mg/L	0.051	0.050	0.045	0.055	✓
Material Used:	Metals Low						
Date Acquired:	Aug 19, 2005						
Acquired By:	To Thong						
pH			9.21	9.23	9.11	9.35	✓
Electrical Conductivity		dS/m at 25 C	2.74	2.730	2.611	2.849	✓
Chloride		mg/L	82.4	81.0	76.4	85.6	✓
Nitrate - N		mg/L	10.4	10.00	9.61	10.39	✓
Nitrite - N		mg/L	10.4	10.000	9.562	10.438	✓
P-Alkalinity		mg/L	498	507	415	599	✓
T-Alkalinity		mg/L	984	1009	969	1049	✓
Material Used:	Water High						
Date Acquired:	Aug 22, 2005						
Acquired By:	Annva Hundal						

Norwest Labs
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Phone: (780) 438-5522
Fax: (780) 438-0396

Quality Control

Bill to: Kinross Gold Corporation
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: Steve Schlesak
Company: Kinross Gold Corporation

Project
ID:
Name: Lupin Mine, Nunavut
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **402534**
Control Number:
Date Received: Aug 18, 2005
Date Reported: Aug 24, 2005
Report Number: 735985

Routine Water (Continued...)

Control Sample	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
pH		6.89	6.90	6.83	6.97	✓
Electrical Conductivity	dS/m at 25 C	0.077	0.076	0.070	0.081	✓
Chloride	mg/L	15.5	14.9	13.2	16.6	✓
Nitrate - N	mg/L	0.52	0.50	0.44	0.56	✓
Nitrite - N	mg/L	0.515	0.495	0.437	0.553	✓
P-Alkalinity	mg/L	61	54	20	88	✓
T-Alkalinity	mg/L	128	127	118	136	✓

Material Used: Water Low
Date Acquired: Aug 22, 2005
Acquired By: Annva Hundal

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Methodology and Notes

Bill to: Kinross Gold Corporation
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By: Steve Schlesak
Company: Kinross Gold Corporation

Project ID:
Name: Lupin Mine, Nunavut
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **402534**
Control Number:
Date Received: Aug 18, 2005
Date Reported: Aug 24, 2005
Report Number: 735985

Method of Analysis:

MethodName	Reference		Method	Date Analysis Started	Location
Alkalinity, pH, and EC in water	APHA	*	Conductivity - Laboratory Method, 2510 B	22-Aug-05	Norwest Labs Edmonton
Alkalinity, pH, and EC in water	APHA	*	Electrometric Method, 4500-H+ B	22-Aug-05	Norwest Labs Edmonton
Alkalinity, pH, and EC in water	APHA	*	Titration Method, 2320 B	22-Aug-05	Norwest Labs Edmonton
Ammonium-N in Water	APHA	*	Automated Phenate Method, 4500-NH3 G	19-Aug-05	Norwest Labs Edmonton
Anions (Routine) by Ion Chromatography	APHA	*	Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B	19-Aug-05	Norwest Labs Edmonton
Chloride in Water	APHA	*	Automated Ferricyanide Method, 4500-Cl- E	19-Aug-05	Norwest Labs Edmonton
Cyanide (Strong Acid Dissociable) in water	APHA	*	Total Cyanide after Distillation, 4500-CN-C	19-Aug-05	Norwest Labs Edmonton
Cyanide (Strong Acid Dissociable) in water	APHA	*	Total Cyanide after Distillation, 4500-CN-C	24-Aug-05	Norwest Labs Edmonton
Mercury (Total) in water	US EPA	*	Determination of Hg in Sediment by Cold Vapor Atomic Absorption Spec, 245.5	22-Aug-05	Norwest Labs Edmonton
Mercury Low Level (Total) in water	APHA	*	Cold Vapour Atomic Absorption Spectrometric Method, 3112 B	23-Aug-05	Norwest Labs Surrey
Metals ICP-MS (Total) in water	US EPA	*	Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8	19-Aug-05	Norwest Labs Edmonton
Metals Trace (Dissolved) in water	APHA	*	Inductively Coupled Plasma (ICP) Method, 3120 B	19-Aug-05	Norwest Labs Edmonton
Metals Trace (Total) in water	APHA	*	Inductively Coupled Plasma (ICP) Method, 3120 B	19-Aug-05	Norwest Labs Edmonton
Solids Suspended (Total, Fixed and Volatile)	APHA	*	Total Suspended Solids Dried at 103-105'C, 2540 D	19-Aug-05	Norwest Labs Edmonton

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Analytical Report

Bill to: Echo Bay Mines Ltd.
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By:
Company:

Project ID:
Name:
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **404148**
Control Number:
Date Received: Aug 25, 2005
Date Reported: Sep 02, 2005
Report Number: 739484

			NWL Number	404148-7	404148-8	404148-9	
			Sample Date	Aug 23, 2005	Aug 23, 2005	Aug 23, 2005	
			Sample Description	~~925-20 / 51137~~	~~925-21 / 51138~~	925-22 / 51139	
			Matrix	Water - General	Water - General	Water - General	
Analyte		**Units**		**Results**	**Results**	**Results**	**Detection Limit**
Inorganic Nonmetallic Parameters							
Ammonium - N		mg/L		0.10	<0.05	<0.05	0.05
Kjeldahl Nitrogen	Total	mg/L		0.51	0.08	0.14	0.05
Phosphorus	Total	mg/L		<0.1	<0.1	<0.1	0.1
Orthophosphate-P	Dissolved	mg/L		<0.01	<0.01	<0.01	0.01
Cyanide	Strong Acid Dissociable	mg/L		0.01	0.002	0.002	0.002
Metals Total							
Iron	Total	mg/L		0.4	<0.1	0.1	0.1
Manganese	Total	mg/L		0.302	<0.005	0.021	0.005
Silicon	Total	mg/L		1.28	0.07	0.17	0.05
Sulfur	Total	mg/L		26.3	0.6	4.1	0.3
Mercury	Total	mg/L		<0.0001	<0.0001	<0.0001	0.0001
Aluminum	Total	mg/L		0.206	0.015	0.053	0.005
Antimony	Total	mg/L		<0.0002	<0.0002	<0.0002	0.0002
Arsenic	Total	mg/L		0.0048	0.0006	0.0011	0.0002
Barium	Total	mg/L		0.014	0.002	0.003	0.001
Beryllium	Total	mg/L		<0.0001	<0.0001	<0.0001	0.0001
Bismuth	Total	mg/L		<0.0005	<0.0005	<0.0005	0.0005
Boron	Total	mg/L		0.030	0.006	0.009	0.002
Cadmium	Total	mg/L		0.00009	<0.00001	0.00001	0.00001
Chromium	Total	mg/L		0.0006	<0.0005	<0.0005	0.0005
Cobalt	Total	mg/L		0.0160	<0.0001	0.001	0.0001
Copper	Total	mg/L		0.005	<0.001	0.001	0.001
Lead	Total	mg/L		0.0002	<0.0001	<0.0001	0.0001
Lithium	Total	mg/L		0.012	0.001	0.002	0.001
Molybdenum	Total	mg/L		<0.001	<0.001	<0.001	0.001
Nickel	Total	mg/L		0.0455	0.0006	0.0051	0.0005
Selenium	Total	mg/L		<0.0002	<0.0002	<0.0002	0.0002
Silver	Total	mg/L		<0.0001	<0.0001	<0.0001	0.0001
Strontium	Total	mg/L		0.083	0.004	0.016	0.001
Thallium	Total	mg/L		<0.00005	<0.00005	<0.00005	0.00005
Tin	Total	mg/L		<0.001	<0.001	<0.001	0.001
Titanium	Total	mg/L		0.0070	<0.0005	0.0020	0.0005
Uranium	Total	mg/L		<0.0005	<0.0005	<0.0005	0.0005
Vanadium	Total	mg/L		0.0004	<0.0001	0.0002	0.0001
Zinc	Total	mg/L		0.078	<0.001	0.009	0.001

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Analytical Report

Bill to: Echo Bay Mines Ltd.
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By:
Company:

Project ID:
Name:
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **404148**
Control Number:
Date Received: Aug 25, 2005
Date Reported: Sep 02, 2005
Report Number: 739484

			NWL Number	404148-7	404148-8	404148-9	
			Sample Date	Aug 23, 2005	Aug 23, 2005	Aug 23, 2005	
			Sample Description	~~925-20 / 51137~~	~~925-21 / 51138~~	925-22 / 51139	
			Matrix	Water - General	Water - General	Water - General	
Analyte		**Units**		**Results**	**Results**	**Results**	**Detection Limit**
Physical and Aggregate Properties							
Temperature of observed pH		°C		16.9	16.6	16.8	
Routine Water							
pH				5.70	6.60	6.50	
Electrical Conductivity		µS/cm at 25 C		237	11	47	1
Calcium	Dissolved	mg/L		19.9	0.4	3.7	0.2
Magnesium	Dissolved	mg/L		3.2	0.2	0.8	0.1
Sodium	Dissolved	mg/L		21.4	0.6	4.0	0.4
Potassium	Dissolved	mg/L		1.9	<0.4	0.6	0.4
Iron	Dissolved	mg/L		0.05	0.04	0.03	0.01
Manganese	Dissolved	mg/L		0.309	<0.005	0.014	0.005
Chloride	Dissolved	mg/L		13.5	0.5	2.6	0.4
Nitrate - N		mg/L		1.25	<0.01	0.22	0.01
Nitrite - N		mg/L		<0.005	<0.005	<0.005	0.005
Nitrate and Nitrite - N		mg/L		1.25	<0.02	0.22	0.02
Sulfate (SO4)	Dissolved	mg/L		81.4	2	13	0.9
Hydroxide		mg/L		<5	<5	<5	5
Carbonate		mg/L		<6	<6	<6	6
Bicarbonate		mg/L		<5	<5	<5	5
P-Alkalinity	as CaCO3	mg/L		<5	<5	<5	5
T-Alkalinity	as CaCO3	mg/L		<5	<5	<5	5
Total Dissolved Solids	Calculated	mg/L		141	4	25	1
Hardness	Dissolved as CaCO3	mg/L		63	2	10	
Ionic Balance	Dissolved	%		100	100	120	

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Analytical Report

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Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By:
Company:

Project ID:
Name:
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **404148**
Control Number:
Date Received: Aug 25, 2005
Date Reported: Sep 02, 2005
Report Number: 739484

	NWL Number	404148-10	404148-11	404148-12	
	Sample Date	Aug 23, 2005	Aug 23, 2005	Aug 24, 2005	
	Sample Description	925-24 / 51140	925-25 / 51141	~~925-10 / 51142~~	
	Matrix	Water - General	Water - General	Water - General	
Analyte		**Units**	**Results**	**Results**	**Results**	**Detection Limit**
Inorganic Nonmetallic Parameters						
Ammonium - N		mg/L	0.21	0.1	2.42	0.05
Kjeldahl Nitrogen	Total	mg/L	0.37	0.21	1.94	0.05
Phosphorus	Total	mg/L	<0.1	<0.1	<0.1	0.1
Orthophosphate-P	Dissolved	mg/L	<0.01	<0.01	<0.01	0.01
Cyanide	Strong Acid Dissociable	mg/L	0.01	0.004	0.042	0.002
Metals Total						
Iron	Total	mg/L	<0.1	<0.1	0.2	0.1
Manganese	Total	mg/L	0.080	0.040	0.950	0.005
Silicon	Total	mg/L	0.27	0.18	1.90	0.05
Sulfur	Total	mg/L	22.7	11.7	98.6	0.3
Mercury	Total	mg/L	<0.0001	<0.0001	<0.0001	0.0001
Aluminum	Total	mg/L	0.027	0.024	0.150	0.005
Antimony	Total	mg/L	<0.0002	<0.0002	<0.0002	0.0002
Arsenic	Total	mg/L	0.0010	0.0012	0.0082	0.0002
Barium	Total	mg/L	0.011	0.007	0.016	0.001
Beryllium	Total	mg/L	<0.0001	<0.0001	<0.0001	0.0001
Bismuth	Total	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Boron	Total	mg/L	0.021	0.011	0.090	0.002
Cadmium	Total	mg/L	0.00006	0.00003	0.00011	0.00001
Chromium	Total	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Cobalt	Total	mg/L	0.0023	0.0012	0.0509	0.0001
Copper	Total	mg/L	0.001	<0.001	0.014	0.001
Lead	Total	mg/L	<0.0001	0.0002	0.0005	0.0001
Lithium	Total	mg/L	0.006	0.004	0.033	0.001
Molybdenum	Total	mg/L	<0.001	<0.001	0.003	0.001
Nickel	Total	mg/L	0.0224	0.0113	0.108	0.0005
Selenium	Total	mg/L	<0.0002	<0.0002	0.0002	0.0002
Silver	Total	mg/L	<0.0001	<0.0001	<0.0001	0.0001
Strontium	Total	mg/L	0.073	0.040	0.344	0.001
Thallium	Total	mg/L	<0.00005	<0.00005	<0.00005	0.00005
Tin	Total	mg/L	<0.001	<0.001	<0.001	0.001
Titanium	Total	mg/L	0.0015	0.0012	0.0050	0.0005
Uranium	Total	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Vanadium	Total	mg/L	<0.0001	<0.0001	<0.0001	0.0001
Zinc	Total	mg/L	0.045	0.023	0.256	0.001

Analytical Report

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Bill to: Echo Bay Mines Ltd.
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By:
Company:

Project ID:
Name:
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **404148**
Control Number:
Date Received: Aug 25, 2005
Date Reported: Sep 02, 2005
Report Number: 739484

			NWL Number	404148-10	404148-11	404148-12	
			Sample Date	Aug 23, 2005	Aug 23, 2005	Aug 24, 2005	
			Sample Description	925-24 / 51140	925-25 / 51141	~~925-10 / 51142~~	
			Matrix	Water - General	Water - General	Water - General	
Analyte		**Units**		**Results**	**Results**	**Results**	**Detection Limit**
Physical and Aggregate Properties							
Temperature of observed pH		°C		16.8	17.1	17.7	
Routine Water							
pH				6.21	6.45	5.95	
Electrical Conductivity		µS/cm at 25 C		219	114	872	1
Calcium	Dissolved	mg/L		17.7	8.9	75.5	0.2
Magnesium	Dissolved	mg/L		2.1	1.2	6.9	0.1
Sodium	Dissolved	mg/L		21.4	10.4	89.0	0.4
Potassium	Dissolved	mg/L		2.0	1.1	7.5	0.4
Iron	Dissolved	mg/L		0.01	<0.01	<0.01	0.01
Manganese	Dissolved	mg/L		0.082	0.036	0.978	0.005
Chloride	Dissolved	mg/L		13.4	6.6	64.1	0.4
Nitrate - N		mg/L		1.51	0.74	7.26	0.01
Nitrite - N		mg/L		<0.005	<0.005	0.066	0.005
Nitrate and Nitrite - N		mg/L		1.51	0.74	7.32	0.02
Sulfate (SO4)	Dissolved	mg/L		69.2	33.5	300	0.9
Hydroxide		mg/L		<5	<5	<5	5
Carbonate		mg/L		<6	<6	<6	6
Bicarbonate		mg/L		<5	<5	<5	5
P-Alkalinity	as CaCO3	mg/L		<5	<5	<5	5
T-Alkalinity	as CaCO3	mg/L		<5	<5	<5	5
Total Dissolved Solids	Calculated	mg/L		126	62	545	1
Hardness	Dissolved as CaCO3	mg/L		53.0	27	217	
Ionic Balance	Dissolved	%		110	110	100	

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Quality Control

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Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By:
Company:

Project
ID:
Name:
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **404148**
Control Number:
Date Received: Aug 25, 2005
Date Reported: Sep 02, 2005
Report Number: 739484

Aggregate Organic Constituents

Blanks	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Biochemical Oxygen Demand	mg/L	<4	0	-4	4	✓
Material Used:	BOD - Blank					
Date Acquired:	Aug 29, 2005					
Acquired By:	Maria Gaborni					

Replicates	Units	Replicate1	Replicate2	% RSD Criteria	Absolute Criteria	Passed QC
Biochemical Oxygen Demand	mg/L	<4	<4	30	8	✓
Material Used:	Surrey - Int. Duplicate 1					
Date Acquired:	Aug 29, 2005					
Acquired By:	Maria Gaborni					

Control Sample	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Biochemical Oxygen Demand	mg/L	144	167	116	218	✓
Material Used:	BOD - G/GA					
Date Acquired:	Aug 29, 2005					
Acquired By:	Maria Gaborni					

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Quality Control

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NWL Lot ID: **404148**
Control Number:
Date Received: Aug 25, 2005
Date Reported: Sep 02, 2005
Report Number: 739484

Inorganic Nonmetallic Parameters

Blanks	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Ammonium - N	mg/L	<0.05	0.00	-0.08	0.08	✓
Kjeldahl Nitrogen	mg/L	<0.05	0.00	-0.05	0.05	✓
Phosphorus	mg/L	<0.1	0.0	-0.1	0.1	✓
Orthophosphate-P	mg/L	<0.01	0.00	-0.05	0.05	✓
Cyanide	mg/L	<0.001	0.000	-0.001	0.001	✓
Material Used:	Edmonton Method Blank					
Date Acquired:	Aug 31, 2005					
Acquired By:	Gordon Grensmann					

Replicates	Units	Replicate1	Replicate2	% RSD Criteria	Absolute Criteria	Passed QC
Ammonium - N	mg/L	0.14	0.14	9.99	0.10	✓
Kjeldahl Nitrogen	mg/L	<0.05	0.05	9.99	0.30	✓
Phosphorus	mg/L	0.9	0.9	10.0	0.2	✓
Orthophosphate-P	mg/L	1.77	1.80	9.99	0.05	✓
Material Used:	Edmonton Duplicate					
Date Acquired:	Aug 30, 2005					
Acquired By:	Jennifer Harrison					

Control Sample	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Ammonium - N	mg/L	3.01	2.99	2.59	3.39	✓
Kjeldahl Nitrogen	mg/L	15.4	15.25	11.65	18.85	✓
Phosphorus	mg/L	8.3	8.0	7.2	8.8	✓
Cyanide	mg/L	0.082	0.077	0.067	0.087	✓
Material Used:	Water High					
Date Acquired:	Aug 31, 2005					
Acquired By:	Gordon Grensmann					
Ammonium - N	mg/L	0.79	0.79	0.66	0.91	✓
Kjeldahl Nitrogen	mg/L	3.01	3.00	2.41	3.59	✓
Phosphorus	mg/L	2.1	2.0	1.8	2.2	✓
Orthophosphate-P	mg/L	0.40	0.41	0.36	0.47	✓
Cyanide	mg/L	0.015	0.016	0.013	0.018	✓
Material Used:	Water Low					
Date Acquired:	Aug 31, 2005					
Acquired By:	Gordon Grensmann					
Orthophosphate-P	mg/L	0.08	0.08	0.07	0.09	✓
Material Used:	Water Trace					
Date Acquired:	Aug 30, 2005					
Acquired By:	Jennifer Harrison					

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Quality Control

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Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By:
Company:

Project
ID:
Name:
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **404148**
Control Number:
Date Received: Aug 25, 2005
Date Reported: Sep 02, 2005
Report Number: 739484

Metals Dissolved

Blanks	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Sulfur	mg/L	<0.3	0.0	-0.3	0.3	✓
Material Used:	Edmonton Method Blank					
Date Acquired:	Aug 29, 2005					
Acquired By:	To Thong					

Replicates	Units	Replicate1	Replicate2	% RSD Criteria	Absolute Criteria	Passed QC
Sulfur	mg/L	99.7	98.7	10.0	0.1	✓
Material Used:	Edmonton Duplicate					
Date Acquired:	Aug 29, 2005					
Acquired By:	To Thong					

Control Sample	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Sulfur	mg/L	48.0	50.0	45.0	55.0	✓
Material Used:	Metals High					
Date Acquired:	Aug 29, 2005					
Acquired By:	To Thong					
Sulfur	mg/L	1	1.0	0.9	1.2	✓
Material Used:	Metals Low					
Date Acquired:	Aug 29, 2005					
Acquired By:	To Thong					

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Quality Control

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9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By:
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NWL Lot ID: **404148**
Control Number:
Date Received: Aug 25, 2005
Date Reported: Sep 02, 2005
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Metals Total

Blanks	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Iron	mg/L	<0.1	0.0	0.0	0.0	✓
Manganese	mg/L	<0.005	0.000	-0.001	0.001	✓
Silicon	mg/L	<0.05	0.02	-0.04	0.09	✓
Sulfur	mg/L	<0.3	0.0	-0.3	0.3	✓
Mercury	mg/L	<0.0001	0.0000	0.0000	0.0000	✓
Aluminum	ug/L	<5	0	-5	5	✓
Antimony	ug/L	<0.2	0.0	-0.2	0.2	✓
Arsenic	ug/L	<0.2	0.0	-0.2	0.2	✓
Barium	ug/L	<1	0	-1	1	✓
Beryllium	ug/L	<0.1	0.0	-0.1	0.1	✓
Bismuth	ug/L	<0.5	0.0	-0.5	0.5	✓
Boron	ug/L	<2	0	-2	2	✓
Cadmium	ug/L	<0.01	0.00	-0.01	0.01	✓
Chromium	ug/L	<0.5	0.0	-0.5	0.5	✓
Cobalt	ug/L	<0.1	0.0	-0.1	0.1	✓
Copper	ug/L	<1	0	-1	1	✓
Lead	ug/L	<0.1	0.0	-0.1	0.1	✓
Lithium	ug/L	<1	0	-1	1	✓
Molybdenum	ug/L	<1	0	-1	1	✓
Nickel	ug/L	<0.5	0.0	-0.5	0.5	✓
Selenium	ug/L	<0.2	0.0	-0.2	0.2	✓
Silver	ug/L	<0.1	0.0	-0.1	0.1	✓
Strontium	ug/L	<1	0	-1	1	✓
Thallium	ug/L	<0.05	0.00	-0.05	0.05	✓
Tin	ug/L	<1	0	-1	1	✓
Titanium	ug/L	<0.5	0.0	-0.5	0.5	✓
Uranium	ug/L	<0.5	0.0	-0.5	0.5	✓
Vanadium	ug/L	<0.1	0.0	-0.1	0.1	✓
Zinc	ug/L	<1	0	-1	1	✓
Material Used:	Edmonton Method Blank					
Date Acquired:	Aug 29, 2005					
Acquired By:	Linda Li					
Mercury	ug/L	<0.02	0.000	-20.010	20.010	✓
Material Used:	Metals Blank - water - total					
Date Acquired:	Aug 30, 2005					
Acquired By:	Kelly Restiaux					

Norwest Labs
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Edmonton, AB. T6B 3J4
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Fax: (780) 438-0396

Quality Control

Bill to: Echo Bay Mines Ltd.
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By:
Company:

Project
ID:
Name:
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **404148**
Control Number:
Date Received: Aug 25, 2005
Date Reported: Sep 02, 2005
Report Number: 739484

Metals Total (Continued...)

Replicates	Units	Replicate1	Replicate2	% RSD Criteria	Absolute Criteria	Passed QC
Iron	mg/L	3.4	3.2	15.0	0.2	✓
Manganese	mg/L	0.034	0.032	15.000	0.010	✓
Silicon	mg/L	5.59	5.32	15.00	0.10	✓
Sulfur	mg/L	<0.6	<0.6	15.0	0.1	✓
Mercury	mg/L	<0.0001	<0.0001	9.9900	0.0003	✓
Aluminum	ug/L	53	51	15	11	✓
Antimony	ug/L	0.8	0.9	15.0	0.4	✓
Arsenic	ug/L	44.4	44.8	15.0	0.4	✓
Barium	ug/L	9	9	15	2	✓
Beryllium	ug/L	2.2	2.2	15.0	0.2	✓
Bismuth	ug/L	<0.5	<0.5	15.0	1.1	✓
Boron	ug/L	9	8	15	4	✓
Cadmium	ug/L	58.9	60.3	15.00	0.02	✓
Chromium	ug/L	13.7	14.0	15.0	1.1	✓
Cobalt	ug/L	206	208	15.0	0.2	✓
Copper	ug/L	36	37	15	2	✓
Lead	ug/L	77.2	77.6	15.0	0.2	✓
Lithium	ug/L	36	36	15	2	✓
Molybdenum	ug/L	<1	<1	15	2	✓
Nickel	ug/L	5.1	4.8	15.0	1.1	✓
Selenium	ug/L	1.7	1.7	15.0	0.4	✓
Silver	ug/L	<0.1	<0.1	15.0	0.2	✓
Strontium	ug/L	342	352	15	2	✓
Thallium	ug/L	1.12	1.14	15.00	0.11	✓
Tin	ug/L	<1	<1	15	2	✓
Titanium	ug/L	2.0	2.1	15.0	1.1	✓
Uranium	ug/L	3.8	3.9	15.0	1.1	✓
Vanadium	ug/L	52.6	53.2	15.0	0.2	✓
Zinc	ug/L	9	8	15	2	✓
Material Used:	Edmonton Duplicate					
Date Acquired:	Aug 29, 2005					
Acquired By:	Linda Li					
Mercury	ug/L	0.04	0.03	30.000	0.050	✓
Material Used:	Metals Int. Duplicate - water tot					
Date Acquired:	Aug 30, 2005					
Acquired By:	Kelly Restiaux					

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Quality Control

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Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By:
Company:

Project
ID:
Name:
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **404148**
Control Number:
Date Received: Aug 25, 2005
Date Reported: Sep 02, 2005
Report Number: 739484

Metals Total (Continued...)

Control Sample	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Iron	mg/L	2.0	2.0	1.8	2.2	✓
Manganese	mg/L	0.502	0.500	0.450	0.550	✓
Silicon	mg/L	4.83	5.00	4.50	5.50	✓
Sulfur	mg/L	9.9	10.0	9.0	11.0	✓
Mercury	mg/L	0.0008	0.0008	0.0007	0.0010	✓
Aluminum	ug/L	294	322	273	371	✓
Antimony	ug/L	11.2	11.5	10.2	12.8	✓
Arsenic	ug/L	10.6	11.5	10.3	12.7	✓
Barium	ug/L	62	61	52	69	✓
Beryllium	ug/L	5.9	5.9	4.9	7.0	✓
Bismuth	ug/L	29.9	30.2	26.0	34.4	✓
Boron	ug/L	109	125	102	148	✓
Cadmium	ug/L	0.52	0.63	0.47	0.78	✓
Chromium	ug/L	29.5	31.8	27.5	36.2	✓
Cobalt	ug/L	6.1	6.4	5.4	7.5	✓
Copper	ug/L	61	63	55	70	✓
Lead	ug/L	6.0	6.2	5.4	7.0	✓
Lithium	ug/L	62	65	53	76	✓
Molybdenum	ug/L	60	61	53	69	✓
Nickel	ug/L	28.8	31.4	27.0	35.8	✓
Selenium	ug/L	10.6	11.0	9.7	12.3	✓
Silver	ug/L	5.8	6.2	5.5	7.0	✓
Strontium	ug/L	61	64	55	72	✓
Thallium	ug/L	3.07	3.14	2.56	3.72	✓
Tin	ug/L	59	59	52	66	✓
Titanium	ug/L	29.3	31.5	27.0	36.0	✓
Uranium	ug/L	31.6	30.8	26.9	34.7	✓
Vanadium	ug/L	6.0	6.5	5.4	7.6	✓
Zinc	ug/L	55	59	49	69	✓
Material Used:	Edmonton Digestion Check					
Date Acquired:	Aug 29, 2005					
Acquired By:	Linda Li					
Iron	mg/L	10.1	10.0	9.0	11.0	✓
Manganese	mg/L	2.45	2.500	2.250	2.750	✓
Silicon	mg/L	24.9	25.00	22.50	27.50	✓
Sulfur	mg/L	51.9	50.0	45.0	55.0	✓
Mercury	mg/L	0.0030	0.0031	0.0027	0.0035	✓
Material Used:	Metals High					
Date Acquired:	Aug 29, 2005					
Acquired By:	To Thong					

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Quality Control

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Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By:
Company:

Project
ID:
Name:
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **404148**
Control Number:
Date Received: Aug 25, 2005
Date Reported: Sep 02, 2005
Report Number: 739484

Metals Total (Continued...)

Control Sample	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Iron	mg/L	0.2	0.2	0.2	0.2	✓
Manganese	mg/L	0.052	0.050	0.045	0.055	✓
Silicon	mg/L	0.51	0.50	0.45	0.55	✓
Sulfur	mg/L	1	1.0	0.9	1.2	✓
Mercury	mg/L	0.0007	0.0008	-0.0016	0.0032	✓
Aluminum	ug/L	968	1000	850	1150	✓
Antimony	ug/L	40.9	40.0	34.0	46.0	✓
Arsenic	ug/L	39.5	40.0	34.0	46.0	✓
Barium	ug/L	207	200	170	230	✓
Beryllium	ug/L	20.2	20.0	17.0	23.0	✓
Bismuth	ug/L	92.3	100.0	85.0	115.0	✓
Boron	ug/L	372	400	340	460	✓
Cadmium	ug/L	2.08	2.00	1.70	2.30	✓
Chromium	ug/L	98.1	100.0	85.0	115.0	✓
Cobalt	ug/L	20.0	20.0	17.0	23.0	✓
Copper	ug/L	193	200	170	230	✓
Lead	ug/L	20.4	20.0	17.0	23.0	✓
Lithium	ug/L	195	200	170	230	✓
Molybdenum	ug/L	199	200	170	230	✓
Nickel	ug/L	99.0	100.0	85.0	115.0	✓
Selenium	ug/L	40.3	40.0	34.0	46.0	✓
Silver	ug/L	20.4	20.0	17.0	23.0	✓
Strontium	ug/L	200	200	170	230	✓
Thallium	ug/L	9.97	10.00	8.50	11.50	✓
Tin	ug/L	195	200	170	230	✓
Titanium	ug/L	98.7	100.0	85.0	115.0	✓
Uranium	ug/L	93.0	100.0	85.0	115.0	✓
Vanadium	ug/L	19.0	20.0	17.0	23.0	✓
Zinc	ug/L	194	200	170	230	✓

Material Used: Metals Low
Date Acquired: Aug 29, 2005
Acquired By: Linda Li

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Quality Control

Bill to: Echo Bay Mines Ltd.
Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By:
Company:

Project
ID:
Name:
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **404148**
Control Number:
Date Received: Aug 25, 2005
Date Reported: Sep 02, 2005
Report Number: 739484

Metals Total (Continued...)

Control Sample	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Aluminum	ug/L	52	50	43	58	✓
Antimony	ug/L	2.0	2.0	1.7	2.3	✓
Arsenic	ug/L	2.1	2.0	1.7	2.3	✓
Barium	ug/L	10	10	9	12	✓
Beryllium	ug/L	1.0	1.0	0.9	1.2	✓
Bismuth	ug/L	5.0	5.0	4.3	5.8	✓
Boron	ug/L	19	20	17	23	✓
Cadmium	ug/L	0.10	0.10	0.09	0.12	✓
Chromium	ug/L	5.0	5.0	4.3	5.8	✓
Cobalt	ug/L	1.0	1.0	0.9	1.2	✓
Copper	ug/L	10	10	9	12	✓
Lead	ug/L	1.1	1.0	0.9	1.2	✓
Lithium	ug/L	9	10	9	12	✓
Molybdenum	ug/L	10	10	9	12	✓
Nickel	ug/L	4.9	5.0	4.3	5.8	✓
Selenium	ug/L	2.1	2.0	1.7	2.3	✓
Silver	ug/L	1.0	1.0	0.9	1.2	✓
Strontium	ug/L	10	10	9	12	✓
Thallium	ug/L	0.50	0.50	0.43	0.58	✓
Tin	ug/L	10	10	9	12	✓
Titanium	ug/L	5.0	5.0	4.3	5.8	✓
Uranium	ug/L	5.2	5.0	4.3	5.8	✓
Vanadium	ug/L	1	1.0	0.9	1.2	✓
Zinc	ug/L	10	10	9	12	✓
Material Used: Metals Trace						
Date Acquired: Aug 29, 2005						
Acquired By: Linda Li						
Mercury	ug/L	14	14.000	11.000	17.000	✓
Material Used: S0102 - Hg						
Date Acquired: Aug 30, 2005						
Acquired By: Kelly Restiaux						

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Quality Control

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Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By:
Company:

Project
ID:
Name:
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **404148**
Control Number:
Date Received: Aug 25, 2005
Date Reported: Sep 02, 2005
Report Number: 739484

Routine Water

Blanks	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Calcium	mg/L	<0.2	0.0	-0.2	0.2	✓
Magnesium	mg/L	<0.1	0.0	-0.1	0.1	✓
Sodium	mg/L	<0.4	0.0	-0.4	0.4	✓
Potassium	mg/L	<0.4	0.0	-0.4	0.4	✓
Iron	mg/L	<0.01	0.00	-0.01	0.01	✓
Manganese	mg/L	<0.005	0.000	-0.005	0.005	✓
Chloride	mg/L	<0.4	0.0	-0.5	0.5	✓
Nitrate - N	mg/L	<0.01	0.00	-0.01	0.01	✓
Nitrite - N	mg/L	<0.005	0.000	-0.005	0.005	✓

Material Used: Edmonton Method Blank
Date Acquired: Aug 29, 2005
Acquired By: Marc Dzura

Calibration Check	Units	Measured	Target	% Recovery	Criteria (%)	Passed QC
pH	pH	8.0	8.00	99.75	98.50-101.50	✓

Material Used: s2013 - pH
Date Acquired: Aug 29, 2005
Acquired By: Maria Gaborni

Replicates	Units	Replicate1	Replicate2	% RSD Criteria	Absolute Criteria	Passed QC
pH		8.09	8.02	9.99	0.10	✓
Electrical Conductivity	dS/m at 25 C	0.842	0.844	9.990	0.002	✓
Calcium	mg/L	75.3	74.9	10.0	0.6	✓
Magnesium	mg/L	7.0	6.9	10.0	0.7	✓
Sodium	mg/L	88.0	89.3	10.0	1.2	✓
Potassium	mg/L	7.3	7.3	10.0	1.2	✓
Iron	mg/L	0.02	0.02	9.99	0.05	✓
Manganese	mg/L	1.01	1.01	9.990	0.010	✓
Chloride	mg/L	62.8	63.2	10.0	0.5	✓
Nitrate - N	mg/L	<0.01	<0.01	9.99	0.01	✓
Nitrite - N	mg/L	<0.005	<0.005	9.990	0.010	✓
Hydroxide	mg/L	<5	<5	10		✓
Carbonate	mg/L	11	12	10		✓
Bicarbonate	mg/L	<5	<5	10		✓
P-Alkalinity	mg/L	<5	<5	10	5	✓
T-Alkalinity	mg/L	9	10	10	5	✓

Material Used: Edmonton Duplicate
Date Acquired: Aug 29, 2005
Acquired By: Wilailuk Somjit

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Quality Control

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Report to: Echo Bay Mines Ltd.
9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By:
Company:

Project
ID:
Name:
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **404148**
Control Number:
Date Received: Aug 25, 2005
Date Reported: Sep 02, 2005
Report Number: 739484

Routine Water (Continued...)

Control Sample		Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
Chloride		mg/L	2120	2087.0	1875.2	2298.8	✓
Material Used:	Chloride High						
Date Acquired:	Aug 29, 2005						
Acquired By:	To Thong						
Calcium		mg/L	240	250.0	225.0	275.0	✓
Magnesium		mg/L	94.0	100.0	90.0	110.0	✓
Sodium		mg/L	247	250.0	225.0	275.0	✓
Potassium		mg/L	242	250.0	225.0	275.0	✓
Iron		mg/L	9.61	10.00	9.01	10.99	✓
Manganese		mg/L	2.37	2.500	2.260	2.740	✓
Material Used:	Metals High						
Date Acquired:	Aug 29, 2005						
Acquired By:	To Thong						
Calcium		mg/L	5.0	5.0	4.5	5.5	✓
Magnesium		mg/L	2.0	2.0	1.8	2.2	✓
Sodium		mg/L	5.4	5.0	4.5	5.5	✓
Potassium		mg/L	5.0	5.0	4.5	5.5	✓
Iron		mg/L	0.20	0.20	0.18	0.22	✓
Manganese		mg/L	0.051	0.050	0.045	0.055	✓
Material Used:	Metals Low						
Date Acquired:	Aug 29, 2005						
Acquired By:	To Thong						
pH			9.24	9.23	9.11	9.35	✓
Electrical Conductivity		dS/m at 25 C	2.73	2.730	2.611	2.849	✓
Chloride		mg/L	81.1	81.0	76.4	85.6	✓
Nitrate - N		mg/L	10.1	10.00	9.61	10.39	✓
Nitrite - N		mg/L	9.93	10.000	9.562	10.438	✓
P-Alkalinity		mg/L	510	507	415	599	✓
T-Alkalinity		mg/L	998	1009	969	1049	✓
Material Used:	Water High						
Date Acquired:	Aug 29, 2005						
Acquired By:	Wilailuk Somiit						

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Quality Control

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9818 International Airport
Edmonton, AB, Canada
T5J 2T2
Attn: Michael Tansey
Sampled By:
Company:

Project
ID:
Name:
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **404148**
Control Number:
Date Received: Aug 25, 2005
Date Reported: Sep 02, 2005
Report Number: 739484

Routine Water (Continued...)

Control Sample	Units	Measured	Mean	Lower Limit	Upper Limit	Passed QC
pH		6.89	6.90	6.83	6.97	✓
Electrical Conductivity	dS/m at 25 C	0.075	0.076	0.070	0.081	✓
Chloride	mg/L	14.8	14.9	13.2	16.6	✓
Nitrate - N	mg/L	0.51	0.50	0.44	0.56	✓
Nitrite - N	mg/L	0.494	0.495	0.437	0.553	✓
P-Alkalinity	mg/L	52	54	20	88	✓
T-Alkalinity	mg/L	129	127	118	136	✓

Material Used: Water Low
Date Acquired: Aug 29, 2005
Acquired By: Wilailuk Somiit

APPENDIX B

1 – 2005 SNP Data Prior to July 15, 2005 and after August 16, 2005 (missing from 2005 Annual Report)

2 - Taiga Environmental Laboratory SNP Sample Analytical Reports for 2006

Taiga Environmental Laboratory
4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3
Tel: (867)-669-2788 Fax: (867)-669-2718

- CERTIFICATE OF ANALYSIS -

Client Sample ID: 60001 **Taiga Sample ID: 261485**

Client Project:
Sample Type: Freshwater
Received Date: 21-Jun-06
Sampling Date: 21-Jun-06
Location: Lupin

Report Status: **FINAL**

Approved By R. Shane Harnish
Quality Assurance Officer

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Physical/Routine Analysis						
pH	6.74		pH units	22-Jun-06	SM4500-H:B	
Conductivity, Specific (@ 25 C)	14.9	0.4	µS/cm	22-Jun-06	SM2510:B	
Total Alkalinity (as CaCO3)	4.5	0.1	mg/L	22-Jun-06	SM2320:B	
Solids, Total Suspended	4	3	mg/L	23-Jun-06	SM2540:D	
Microbiological Analysis						
Coliforms, Fecal	1	1	CFU/100mL	21-Jun-06	SM9222:D	
Total Metals						
Aluminum	9.1	0.6	µg/L	28-Jun-06	EPA200.8	
Antimony	< 0.1	0.1	µg/L	28-Jun-06	EPA200.8	
Barium	2.3	0.1	µg/L	28-Jun-06	EPA200.8	
Beryllium	< 0.1	0.1	µg/L	28-Jun-06	EPA200.8	
Cadmium	< 0.05	0.05	µg/L	28-Jun-06	EPA200.8	
Cesium	< 0.1	0.1	µg/L	28-Jun-06	EPA200.8	
Chromium	< 0.1	0.1	µg/L	28-Jun-06	EPA200.8	
Cobalt	< 0.1	0.1	µg/L	28-Jun-06	EPA200.8	
Copper	1.1	0.3	µg/L	28-Jun-06	EPA200.8	
Lead	0.5	0.1	µg/L	28-Jun-06	EPA200.8	

ReportDate: Saturday, July 01, 2006
Print Date: Tuesday, July 04, 2006

Taiga Environmental Laboratory
4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3
Tel: (867)-669-2788 Fax: (867)-669-2718

- CERTIFICATE OF ANALYSIS -

Client Sample ID: 60001 **Taiga Sample ID: 261485**

Lithium	0.9	0.2	µg/L	28-Jun-06	EPA200.8
Manganese	2.2	0.1	µg/L	28-Jun-06	EPA200.8
Molybdenum	< 0.1	0.1	µg/L	28-Jun-06	EPA200.8
Nickel	1.0	0.1	µg/L	28-Jun-06	EPA200.8
Rubidium	1.0	0.1	µg/L	28-Jun-06	EPA200.8
Selenium	< 0.3	0.3	µg/L	28-Jun-06	EPA200.8
Silver	< 0.1	0.1	µg/L	28-Jun-06	EPA200.8
Strontium	5.4	0.1	µg/L	28-Jun-06	EPA200.8
Thallium	< 0.1	0.1	µg/L	28-Jun-06	EPA200.8
Titanium	0.1	0.1	µg/L	28-Jun-06	EPA200.8
Uranium	< 0.1	0.1	µg/L	28-Jun-06	EPA200.8
Vanadium	< 0.1	0.1	µg/L	28-Jun-06	EPA200.8
Zinc	3.9	0.4	µg/L	28-Jun-06	EPA200.8
Iron	< 50	50	µg/L	28-Jun-06	EPA200.8
Arsenic	0.4	0.2	µg/L	28-Jun-06	EPA200.8

*** Taiga analytical methods are based on the following standard analytical methods**

SM - Standard Methods for the Examination of Water and Wastewater
EPA - United States Environmental Protection Agency
CCME - Canadian Council of Ministers of the Environment

ReportDate: Saturday, July 01, 2006
Print Date: Tuesday, July 04, 2006

Taiga Environmental Laboratory
4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3
Tel: (867)-669-2788 Fax: (867)-669-2718

- AMENDED REPORT -

Prepared For: Kinross Gold Corporation

Address: 9818 Edmonton International Airport
Edmonton, AB
T5J 2T2

Attn: Mike Tansey Facsimile: (780) 890-8814

Final report has been reviewed and approved by:

Helene Harper
A/Laboratory Manager

NOTES:

- Test methods and data are validated by the laboratory's Quality Assurance Program. Taiga Environmental Laboratory is accredited by the Canadian Association of Environmental Analytical Laboratories (CAEAL) as a testing laboratory for specific tests registered with CAEAL.
- Routine methods are based on recognized procedures from sources such as
  - Standard Methods for the Examination of Water and Wastewater APHA AWWA WEF;
  - Environment Canada
  - USEPA
- Samples shall be kept for thirty (30) days after the final report is issued. All microbiological samples shall be disposed of immediately upon completion of analysis to minimize biohazardous risks to laboratory personnel. Please contact the laboratory if you have any special requirements.
- Final results are based on the specific tests at the time of analysis and do not represent the conditions during sampling.

Final Report Date: Thursday, July 13, 2006
Amended Date: Wednesday, July 19, 2006

Taiga Environmental Laboratory
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Tel: (867)-669-2788 Fax: (867)-669-2718

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **60002** Taiga Sample ID: **261817**

Client Project:
Sample Type: Sewage
Received Date: 06-Jul-06
Sampling Date: 06-Jul-06
Location: Lupin

Report Status: AMENDED

Approved By Helene Harper
A/Laboratory Manager

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Physical/Routine Analysis						
Total Alkalinity (as CaCO3)	22.0	0.1	mg/L	07-Jul-06	SM2320:B	
pH	7.45		pH units	07-Jul-06	SM4500-H:B	
Solids, Total Suspended	< 3	3	mg/L	07-Jul-06	SM2540:D	
Conductivity, Specific (@ 25 C)	658	0.4	µS/cm	07-Jul-06	SM2510:B	
Nutrient Analysis						
Ortho-Phosphate as P	0.002	0.002	mg/L	10-Jul-06	SM4500-P:D	
Nitrate+Nitrite as Nitrogen	0.08	0.01	mg/L	07-Jul-06	SM4110:B	
Phosphorous, Total	0.03	0.01	mg/L	10-Jul-06	SM4500-P:D	
Total Nitrogen	0.49	0.04	mg/L	07-Jul-06	SM4500-N:D	
Biological Oxygen Demand	< 2	2	mg/L	07-Jul-06	SM5210:B	
Ammonia as N	0.027	0.005	mg/L	12-Jul-06	SM4500-NH3:G	
Major Ions Analysis						

Final Report Date: Thursday, July 13, 2006
Amended Date: Wednesday, July 19, 2006

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: **60002** Taiga Sample ID: **261817**

Hardness	*145*	*0.7*	*mg/L*	*07-Jul-06*	*SM2340:B*
Nitrite as Nitrogen	0.01	0.01	mg/L	07-Jul-06	SM4110:B
Calcium	49.3	0.1	mg/L	07-Jul-06	SM4110:B
Magnesium	5.4	0.1	mg/L	07-Jul-06	SM4110:B
Sodium	58.6	0.1	mg/L	07-Jul-06	SM4110:B
Potassium	4.6	0.1	mg/L	07-Jul-06	SM4110:B
Microbiological Analysis					
Coliforms, Fecal	3	1	CFU/100mL	06-Jul-06	SM9222:D
Total Metals					
Arsenic	11.5	0.2	µg/L	07-Jul-06	EPA200.8
Cadmium	< 0.1	0.1	µg/L	07-Jul-06	EPA200.8
Cobalt	1.9	0.1	µg/L	07-Jul-06	EPA200.8
Chromium	0.4	0.3	µg/L	07-Jul-06	EPA200.8
Copper	5.9	0.3	µg/L	07-Jul-06	EPA200.8
Iron	531	50	µg/L	07-Jul-06	EPA200.8
Manganese	60.1	0.1	µg/L	07-Jul-06	EPA200.8
Nickel	7.9	0.1	µg/L	07-Jul-06	EPA200.8
Lead	0.1	0.1	µg/L	07-Jul-06	EPA200.8
Zinc	< 10	10	µg/L	07-Jul-06	EPA200.8
Organic Analysis					
Oil and Grease (Visible)	none visible			11-Jul-06	Visual Exam.

Final Report Date: Thursday, July 13, 2006
Amended Date: Wednesday, July 19, 2006

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: **60002** Taiga Sample ID: **261817**

* Taiga analytical methods are based on the following standard analytical methods
SM - Standard Methods for the Examination of Water and Wastewater
EPA - United States Environmental Protection Agency
CCME - Canadian Council of Ministers of the Environment

Amended material appears in purple italics

Comments *Hardness is now on the report*

Final Report Date: Thursday, July 13, 2006
Amended Date: Wednesday, July 19, 2006

Taiga Environmental Laboratory
4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3
Tel: (867)-669-2788 Fax: (867)-669-2718

- AMENDED REPORT -

Prepared For: Kinross Gold Corporation

Address: 9818 Edmonton International Airport
Edmonton, AB
T5J 2T2

Attn: Mike Tansey **Facsimile:** (780) 890-8814

Final report has been reviewed and approved by:

Judy Mah
A/Client Service Officer

NOTES:

- Test methods and data are validated by the laboratory's Quality Assurance Program. Taiga Environmental Laboratory is accredited by the Canadian Association of Environmental Analytical Laboratories (CAEAL) as a testing laboratory for specific tests registered with CAEAL.
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- Final results are based on the specific tests at the time of analysis and do not represent the conditions during sampling.

Final Report Date: Friday, August 11, 2006
Amended Date: Wednesday, September 06, 2006

Taiga Environmental Laboratory
4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3
Tel: (867)-669-2788 Fax: (867)-669-2718

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **60012** Taiga Sample ID: **262598**

Client Project:
Sample Type: Sewage
Received Date: 03-Aug-06
Sampling Date: 03-Aug-06
Location: Lupin

Report Status: **AMENDED**

Approved By Judy Mah
A/Client Service Officer

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Physical/Routine Analysis						
pH	7.88		pH units	03-Aug-06	SM4500-H:B	
Conductivity, Specific (@ 25 C)	637	0.4	µS/cm	03-Aug-06	SM2510:B	
Total Alkalinity (as CaCO3)	24.3	0.1	mg/L	03-Aug-06	SM2320:B	
Solids, Total Suspended	4	3	mg/L	04-Aug-06	SM2540:D	
Nutrient Analysis						
Phosphorous, Total	0.08	0.01	mg/L	08-Aug-06	SM4500-P:D	
Total Nitrogen	0.36	0.04	mg/L	04-Aug-06	SM4500-N:D	
Ortho-Phosphate as P	0.003	0.002	mg/L	03-Aug-06	SM4500-P:D	
Biological Oxygen Demand	3	2	mg/L	03-Aug-06	SM5210:B	
Nitrate+Nitrite as Nitrogen	< 0.01	0.01	mg/L	08-Aug-06	SM4110:B	
Ammonia as N	< 0.005	0.005	mg/L	04-Aug-06	SM4500-NH3:G	
Major Ions Analysis						

Final Report Date: Friday, August 11, 2006
Amended Date: Wednesday, September 06, 2006

Taiga Environmental Laboratory
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- CERTIFICATE OF ANALYSIS -

Client Sample ID: 60012 **Taiga Sample ID: 262598**

Hardness	133	0.7	mg/L	08-Aug-06	SM2340:B
Calcium	45.6	0.1	mg/L	08-Aug-06	SM4110:B
Nitrite as Nitrogen	< 0.01	0.01	mg/L	08-Aug-06	SM4110:B
Magnesium	4.7	0.1	mg/L	08-Aug-06	SM4110:B
Sodium	56.9	0.1	mg/L	08-Aug-06	SM4110:B
Potassium	4.8	0.1	mg/L	08-Aug-06	SM4110:B
Microbiological Analysis					
Coliforms, Fecal	1	1	CFU/100mL	03-Aug-06	SM9222:D
Total Metals					
Arsenic	14.9	0.2	µg/L	10-Aug-06	EPA200.8
Cadmium	< 0.1	0.1	µg/L	10-Aug-06	EPA200.8
Cobalt	1.7	0.1	µg/L	10-Aug-06	EPA200.8
Chromium	0.5	0.3	µg/L	10-Aug-06	EPA200.8
Copper	5.6	0.3	µg/L	10-Aug-06	EPA200.8
Iron	541	50	µg/L	10-Aug-06	EPA200.8
Manganese	43.4	0.1	µg/L	10-Aug-06	EPA200.8
Nickel	6.9	0.1	µg/L	10-Aug-06	EPA200.8
Lead	0.2	0.1	µg/L	10-Aug-06	EPA200.8
Zinc	< 10	10	µg/L	10-Aug-06	EPA200.8
Organic Analysis					
Oil and Grease (Visible)	non-visual			08-Aug-06	Visual Exam.

Final Report Date: Friday, August 11, 2006
Amended Date: Wednesday, September 06, 2006

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: **60012** Taiga Sample ID: **262598**

*** Taiga analytical methods are based on the following standard analytical methods**
SM - Standard Methods for the Examination of Water and Wastewater
EPA - United States Environmental Protection Agency
CCME - Canadian Council of Ministers of the Environment

Amended material appears in purple italics

Comments *Sample ID changed to 60012 as per client request. Qualifier 81 removed from BOD result.*

Final Report Date: Friday, August 11, 2006
Amended Date: Wednesday, September 06, 2006

Taiga Environmental Laboratory
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- AMENDED REPORT -

Prepared For: Kinross Gold Corporation

Address: 9818 Edmonton International Airport
Edmonton, AB
T5J 2T2

Attn: Wayne Grudzinski **Facsimile:** (780) 890-8814

Final report has been reviewed and approved by:

Judy Mah.

Judy Mah
A/Client Service Officer

NOTES:

- Test methods and data are validated by the laboratory's Quality Assurance Program. Taiga Environmental Laboratory is accredited by the Canadian Association of Environmental Analytical Laboratories (CAEAL) as a testing laboratory for specific tests registered with CAEAL.
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Final Report Date: Tuesday, September 12, 2006
Amended Date: Friday, September 15, 2006

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Tel: (867)-669-2788 Fax: (867)-669-2718

- CERTIFICATE OF ANALYSIS -

Client Sample ID: Taiga Sample ID: **263463**

Client Project:
Sample Type: Sewage
Received Date: 31-Aug-06
Sampling Date: 30-Aug-06
Location: Lupin

Report Status: **AMENDED**

Approved By Judy Mah
A/Client Service Officer

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Physical/Routine Analysis						
Conductivity, Specific (@ 25 C)	589	0.4	µS/cm	08-Sep-06	SM2510:B	
Solids, Total Suspended	< 3	3	mg/L	08-Sep-06	SM2540:D	
pH	7.55		pH units	08-Sep-06	SM4500-H:B	
Total Alkalinity (as CaCO3)	27.4	0.1	mg/L	08-Sep-06	SM2320:B	
Nutrient Analysis						
Phosphorous, Total	0.05	0.01	mg/L	07-Sep-06	SM4500-P:D	
Total Nitrogen	0.34	0.04	mg/L	01-Sep-06	SM4500-N:D	
Ortho-Phosphate as P	< 0.002	0.002	mg/L	11-Sep-06	SM4500-P:D	
Biological Oxygen Demand	< 2	2	mg/L	31-Aug-06	SM5210:B	
Nitrate+Nitrite as Nitrogen	< 0.01	0.01	mg/L	08-Sep-06	SM4110:B	
Ammonia as N	0.005	0.005	mg/L	01-Sep-06	SM4500-NH3:G	
Major Ions Analysis						

Final Report Date: Tuesday, September 12, 2006
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- CERTIFICATE OF ANALYSIS -

Client Sample ID: **Taiga Sample ID: 263463**

Calcium	40.2	0.1	mg/L	08-Sep-06	SM4110:B
Hardness	124	0.7	mg/L	08-Sep-06	SM2340:B
Magnesium	5.6	0.1	mg/L	08-Sep-06	SM4110:B
Nitrate as Nitrogen	< 0.01	0.01	mg/L	08-Sep-06	SM4110:B
Sodium	51.1	0.1	mg/L	08-Sep-06	SM4110:B
Potassium	4.1	0.1	mg/L	08-Sep-06	SM4110:B
Microbiological Analysis					
Coliforms, Fecal	2	1	CFU/100mL	31-Aug-06	SM9222:D
Total Metals					
Arsenic	11.7	0.2	µg/L	04-Sep-06	EPA200.8
Cadmium	< 0.1	0.1	µg/L	04-Sep-06	EPA200.8
Cobalt	1.3	0.1	µg/L	04-Sep-06	EPA200.8
Chromium	1.2	0.3	µg/L	04-Sep-06	EPA200.8
Copper	4.6	0.3	µg/L	04-Sep-06	EPA200.8
Iron	436	50	µg/L	04-Sep-06	EPA200.8
Manganese	31.2	0.1	µg/L	04-Sep-06	EPA200.8
Molybdenum	1.5	0.1	µg/L	04-Sep-06	EPA200.8
Lead	0.1	0.1	µg/L	04-Sep-06	EPA200.8
Zinc	< 10	10	µg/L	04-Sep-06	EPA200.8
Nickel	*7.2*	*0.1*	*µg/L*	*05-Sep-06*	*EPA200.8*
Organic Analysis					

Final Report Date: Tuesday, September 12, 2006
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- CERTIFICATE OF ANALYSIS -

Client Sample ID: **Taiga Sample ID: 263463**

Oil and Grease (Visible)	non-visual	05-Sep-06	Visual Exam.

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Amended material appears in purple italics

Comments *Missing nickel result added to this report.*

Final Report Date: Tuesday, September 12, 2006
Amended Date: Friday, September 15, 2006