

Lupin Operations, NU
9818 International Airport
Edmonton, Alberta
T5J 2T2

COPY

August 4, 2003

Our File: NWB1LUP0008-Monthly03
Your File: Water Register
NWB1LUP0008

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

Dear Sir:

**RE: Echo Bay Mines Ltd., Lupin Gold Mine, Contwoyto Lake, NU.; Water Licence
NWB1LUP0008; Surveillance Network Program Monthly Report**

As required by Part A, Item 6 of the Surveillance Network Program (Schedule 1) of Water Licence NWB1LUP0008, attached are three copies of our monthly report for **July 2003**.

July SNP sampling consisted of the sewage lakes discharge at Station 925-14. Using the single 8 inch syphon, the discharge continued through the month of July with a monthly volume of 144,641 m³. Results are included in the attached report along with the monthly water use and mill production data for review.

Also attached is a revised June report with corrected numbers for the tailings solution and total tailings at 925-12. This was revised due to an error in the percent solids value used in the calculation.

Should you have any questions or comments regarding this report, please direct future correspondence until further notice to Mr. Mike Tansey at (780) 890-8797, Lupin.

Yours truly,



D. Hohnstein
Environmental Coordinator, Lupin
Attach.

cc B. Burton Mill Operations M. Tansey



WATER LICENCE NWB1LUP0008

SURVEILLANCE NETWORK PROGRAM
MONTHLY REPORT

JULY 2003

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

DATE	SAMPLING STATION	TEMP °C	pH	TSS	Total CN	Total As	TOTAL METALS						F-col #/100mL	BOD ₅
							Cd	Cu	Hg	Ni	Pb	Zn		
22-Jul-03	925-14	16.7	7.0	<1		0.0145	0.00004	0.005		0.017	0.0002	0.034	<1	<4

	Total Nitrate-N	Total Nitrite-N	TK-N	NH4-N	Total Ortho-P	Total Phosph.	Total O&G	Alk.	Hard.	uS/cm Cond.
22-Jul-03	925-14	6.35	0.128	1.62	1.02	0.07	0.12	n/v	14	336

	MONTHLY		YTD
TOTAL FRESHWATER METERED AT PUMPHOUSE (925-01)	81,114	CUBIC METERS	555,205
PROCESS	73,894	CUBIC METERS	506,622
POTABLE	7,220	CUBIC METERS	48,583
TOTAL TAILINGS AT 925-12 (CALCULATED TO TCA)	54,568	CUBIC METERS	459,140
SOLUTION	43,098	CUBIC METERS	374,838
SOLIDS	11,470	CUBIC METERS	84,302
DRY TAILINGS SOLIDS TO BACKFILL	1,615	CUBIC METERS	24,976
QUANTITY OF ORE MILLED	37,945	TONNES	316,906
MINE WATER PUMPED FROM UNDERGROUND	6,098	CUBIC METERS	30,404
SEWAGE LAKES DISCHARGE	144,641	CUBIC METERS	185,466

COMMENTS :

The sewage sample at station 925-14 was collected at 0630 hrs on July 22, 2003.


ENVIRONMENTAL COORDINATOR

WATER LICENCE NWB1LUP0008

SURVEILLANCE NETWORK PROGRAM
MONTHLY REPORT

JUNE 2003 - Revised

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

DATE	SAMPLING STATION	TEMP °C	pH	TSS	Total CN	Total As	Cd	Cu	Hg	NI	Pb	Zn	F-col #/100mL	BOD ₅
24-Jun-03	925-14	7.9	9.0	10		0.0114	0.00002	0.004		0.0101	0.0004	0.021	<1	<4

		Total Nitrate-N	Total Nitrite-N	TK-N	NH4-N	Total Ortho-P	Total Phosph.	Total O&G	Alk.	Hard.	uS/cm Cond.
24-Jun-03	925-14	4.52	<0.002	5.19	2.91	<0.05	0.17	n/v	10	247	

	MONTHLY		YTD
TOTAL FRESHWATER METERED AT PUMPHOUSE (925-01)	75,819	CUBIC METERS	474,091
PROCESS	69,617	CUBIC METERS	432,729
POTABLE	6,202	CUBIC METERS	41,362
TOTAL TAILINGS AT 925-12 (CALCULATED TO TCA)	58,896	CUBIC METERS	404,572
SOLUTION	46,066	CUBIC METERS	331,740
SOLIDS	12,830	CUBIC METERS	72,832
DRY TAILINGS SOLIDS TO BACKFILL	2,453	CUBIC METERS	23,361
QUANTITY OF ORE MILLED	44,319	TONNES	278,961
MINE WATER PUMPED FROM UNDERGROUND	4,759	CUBIC METERS	24,306
SEWAGE LAKES DISCHARGE	40,825	CUBIC METERS	40,825

COMMENTS :

Start up of the syphon at station 925-14 was at 1630 hrs on June 23, 2003.
The sewage sample at station 925-14 was collected at 0630 hrs on June 24, 2003.

D. Hoshstein

ENVIRONMENTAL COORDINATOR

Lupin Operations, NU
9818 International Airport
Edmonton, Alberta
T5J 2T2

July 31, 2003

COPY

Our File: NWB1LUP0008-Monthly03

Your File: Water Register

NWB1LUP0008

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

Dear Sir:

**RE: Echo Bay Mines Ltd., Lupin Gold Mine, Contwoyto Lake, NU.; Water Licence
NWB1LUP0008; Surveillance Network Program Monthly Report**

As required by Part A, Item 6 of the Surveillance Network Program (Schedule 1) of Water Licence NWB1LUP0008, please find attached three copies of our monthly report for **June 2003**.

June SNP sampling consisted included the initial sample from the sewage lakes discharge at Station 925-14. The discharge began on June 23, 2003 as per notification to the Inspector on June 9, 2003 and on June 24, 2003. The effluent sample was obtained the morning of June 24, 2003 to correspond with the southbound flight to Edmonton and subsequent delivery to Norwest Labs Ltd. Results are included in the attached report along with the monthly water use and mill production data for review.

Should you have any questions or comments regarding this report, please feel free to contact the undersigned at (780) 890-8794, Lupin.

Yours truly,



D. Hohnstein
Environmental Coordinator, Lupin
Attach.

cc B. Burton Mill Operations



WATER LICENCE NWB1LUP0008

 SURVEILLANCE NETWORK PROGRAM
 MONTHLY REPORT

JUNE 2003

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		Cd					Cu	Hg	Ni	Pb	Zn				
24-Jun-03	925-14	7.9	9.0	10		0.0114	0.00002	0.004			0.0101	0.0004	0.021	<1	<4
		Total Nitrate-N	Total Nitrite-N	TK-N	NH4-N	Total Ortho-P	Total Phosph.	Total O&G	Alk.	Hard.	uS/cm Cond.				
24-Jun-03	925-14	4.52	<0.002	5.19	2.91	<0.05	0.17	n/v	10	247					

	MONTHLY		YTD
TOTAL FRESHWATER METERED AT PUMPHOUSE (925-01)	75,819	CUBIC METERS	474,091
PROCESS	69,617	CUBIC METERS	432,729
POTABLE	6,202	CUBIC METERS	41,362
TOTAL TAILINGS AT 925-12 (CALCULATED TO TCA)	75,560	CUBIC METERS	421,236
SOLUTION	62,730	CUBIC METERS	348,404
SOLIDS	12,830	CUBIC METERS	72,832
DRY TAILINGS SOLIDS TO BACKFILL	2,453	CUBIC METERS	23,361
QUANTITY OF ORE MILLED	44,319	TONNES	278,961
MINE WATER PUMPED FROM UNDERGROUND	4,759	CUBIC METERS	24,306
SEWAGE LAKES DISCHARGE	40,825	CUBIC METERS	40,825

COMMENTS:

 Start up of the syphon at station 925-14 was at 1630 hrs on June 23, 2003.
 The sewage sample at station 925-14 was collected at 0630 hrs on June 24, 2003.


 ENVIRONMENTAL COORDINATOR