

Lupin Mine, Nunavut
Phone (780) 890-7000
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9818 International Airport
Edmonton, Alberta
T5J 2T2

ECHO BAY MINES LTD.

February 17, 2002

Our File: NWB1LUP0008-Monthly01

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 the Water Licence, please find included with the email a PDF file copy of our **January, 2002** monthly report.

The monthly water use and mill production data are included in the attached for your review.

Due to a malfunction of the potable water meter, the monthly potable water use for January has been estimated as an average of the water figures of 2001, 4th quarter. The meter has since been checked and is functioning properly.

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. Danyluk
H. Ducasse
Mill Operations

WATER LICENCE NWB1LUP0008

 SURVEILLANCE NETWORK PROGRAM
 MONTHLY REPORT

JANUARY 2002

 - 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	
							Cd	Cu	Hg	Ni	Pb	Zn	#/100mL	BOD ₅

No sample requirements for January.

Total Nitrate-N	Total Nitrite-N	TK-N	NH4-N	Total Ortho-P	Total Phosph.	Total O&G	Alk.	Hard.
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	MONTHLY		YTD
TOTAL FRESHWATER METERED AT PUMPHOUSE (925-01)	68,750	CUBIC METERS	68,750
PROCESS	62,334	CUBIC METERS	62,334
POTABLE	6,416	CUBIC METERS	6,416
TOTAL TAILINGS AT 925-12 (CALCULATED TO TCA)	66,724	CUBIC METERS	66,724
SOLUTION	55,096	CUBIC METERS	55,096
SOLIDS	11,627	CUBIC METERS	11,627
DRY TAILINGS SOLIDS TO BACKFILL	4,939	CUBIC METERS	4,939
QUANTITY OF ORE MILLED	48,043	TONNES	48,043
MINE WATER PUMPED FROM UNDERGROUND	4,057	CUBIC METERS	4,057
SEWAGE LAKES DISCHARGE	0	CUBIC METERS	0

COMMENTS :

There were no sampling requirements for the month of January.

The January potable water volume has been estimated from the last quarter of 2001 due to an apparent meter malfunction.



ENVIRONMENTAL COORDINATOR