

ECHO BAY MINES LTD.

9818 International Airport
Edmonton, Alberta
T5J 2T2

January 16, 2003

Our File: NWB1LUP0008-Monthly02
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**

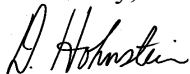
As required by Part A, Item 6 of the Surveillance Network Program (Schedule 1) of Water Licence NWB1LUP0008, please find attached three copies of our monthly report for **December, 2002.**

The monthly water use and mill production data are included in the attached report for your review. The mine water flow volume for the month of December was determined using both the temporary flow meter set up at the end of November and the recently re-installed flow meter within the mill, completed on December 19, 2002.

As of December 9, 2002, the mine water is now being contained within the mill (currently in an unused leach tank) where it is then slowly drained to the tailings sump and subsequently pumped to the TCA. With this change, the Sewage Lakes system will no longer be receiving mine water for storage. It is also anticipated that fresh water consumption in the mill will be reduced by utilizing the mine water as make-up water for the tailings pumps.

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 H. Ducasse Mill Operations



WATER LICENCE NWB1LUP0008

 SURVEILLANCE NETWORK PROGRAM
 MONTHLY REPORT

DECEMBER 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

Total Nitrate-N	Total Nitrite-N	TK-N	NH ₄ -N	Total Ortho-P	Total Phosph.	Total O&G	Alk.	Hard.	uS/cm Cond.
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Note: There were no sampling requirements for the month of December.

	MONTHLY		YTD
TOTAL FRESHWATER METERED AT PUMPHOUSE (925-01)	85,256	CUBIC METERS	918,662
PROCESS	78,235	CUBIC METERS	835,431
POTABLE	7,021	CUBIC METERS	83,231
TOTAL TAILINGS AT 925-12 (CALCULATED TO TCA)	71,189	CUBIC METERS	823,441
SOLUTION	57,662	CUBIC METERS	675,413
SOLIDS	13,527	CUBIC METERS	148,028
DRY TAILINGS SOLIDS TO BACKFILL	3,446	CUBIC METERS	47,274
QUANTITY OF ORE MILLED	49,223	TONNES	566,377
MINE WATER PUMPED FROM UNDERGROUND	3,781	CUBIC METERS	47,352
SEWAGE LAKES DISCHARGE	0	CUBIC METERS	273,122

COMMENTS :

Mine water routed through mill to TCA as of December 9, 2002.


 ENVIRONMENTAL COORDINATOR