

Lupin Mine, Nunavut  
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Edmonton, Alberta  
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## **ECHO BAY MINES LTD.**

January 16, 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**

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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 copy of our **December, 2001** monthly report.

The monthly water use and mill production data are included in the attached for your 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. Danyluk  
H. Ducasse  
Mill Operations

**WATER LICENCE NWB1LUP0008**

 SURVEILLANCE NETWORK PROGRAM  
 MONTHLY REPORT

**DECEMBER 2001**

 - 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					Zn	F-col	
							Cd	Cu	Hg	Ni	Pb		#/100mL	BOD <sub>5</sub>

No sample requirements for December.

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)	77,542	CUBIC METERS	886,630
PROCESS	71,134	CUBIC METERS	805,061
POTABLE	6,408	CUBIC METERS	81,569
TOTAL TAILINGS AT 925-12 (CALCULATED TO TCA)	56,107	CUBIC METERS	831,424
SOLUTION	45,762	CUBIC METERS	680,347
SOLIDS	10,345	CUBIC METERS	151,078
DRY TAILINGS SOLIDS TO BACKFILL	6,347	CUBIC METERS	63,928
QUANTITY OF ORE MILLED	48,406	TONNES	623,516
MINE WATER PUMPED FROM UNDERGROUND	3,802	CUBIC METERS	50,117
SEWAGE LAKES DISCHARGE	0	CUBIC METERS	337,398

## COMMENTS :

There were no sampling requirements for the month of December.



ENVIRONMENTAL COORDINATOR