

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

May 8, 2002

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**

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As required by Part A, Item 6 of the Surveillance Network Program (Schedule 1) of the Water Licence, please find attached a copy of our **April, 2002** monthly report.

An annual sample was obtained during April with regard to the freshwater intake from Contwoyto Lake. The sample was submitted to Norwest Labs. Ltd. in Edmonton. Results are included in the attached report for your review, along with the monthly water use and mill production data.

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

**APRIL 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	Cd	Cu	Hg	Ni	Pb	Zn	F-col #/100mL	BOD <sub>5</sub>
15-Apr-02	925-01	1.8	6.38	< 1		0.0012	<0.0005	0.003	0.0004	<0.001	0.002	0.005	< 1	

  

Total Nitrate-N	Total Nitrite-N	TK-N	NH4-N	Total Ortho-P	Total Phosph.	Total O&G	Alk.	Hard.	uS/cm Cond.
15-Apr-02	925-01								19.9

	MONTHLY		YTD
TOTAL FRESHWATER METERED AT PUMPHOUSE (925-01)	67,118	CUBIC METERS	267,179
PROCESS	60,497	CUBIC METERS	241,648
POTABLE	6,621	CUBIC METERS	25,531
TOTAL TAILINGS AT 925-12 (CALCULATED TO TCA)	54,359	CUBIC METERS	261,981
SOLUTION	46,531	CUBIC METERS	219,090
SOLIDS	7,828	CUBIC METERS	42,890
DRY TAILINGS SOLIDS TO BACKFILL	7,204	CUBIC METERS	18,399
QUANTITY OF ORE MILLED	43,595	TONNES	177,740
MINE WATER PUMPED FROM UNDERGROUND	3,773	CUBIC METERS	15,178
SEWAGE LAKES DISCHARGE	0	CUBIC METERS	0

## COMMENTS :

The annual sample from the freshwater intake at Contwoyto Lake was obtained on April 15, 2002.

  
 ENVIRONMENTAL COORDINATOR