

Lupin Mine, Nunavut
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9818 International Airport
Edmonton, Alberta
T5J 2T2

ECHO BAY MINES LTD.

August 5, 2001

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 attached three copies of our **July, 2001** monthly report.

The monthly water use and mill production data are included in the attached for your review. Discharge from the No.2 Sewage Lake continued through the month of July. Up until July 25, 2001 both the culvert and the 8" syphon were in use to release water. After July 25, 2001 the water level was below the culvert opening and only the syphon is in use. A sample was obtained on July 16, 2001 and submitted to Norwest Labs. Ltd. in Edmonton for analysis. The results are included in the attached report.

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

JULY 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	Cd	Cu	TOTAL METALS					F-col #/100mL	BOD ₅
16-Jul-01	925-14	14.2	6.86	2	N/A	0.0078	<0.0006	0.005			0.025	0.004	0.0428	<1	<4

		Total Nitrate-N	Total Nitrite-N	TK-N	NH4-N	Total Ortho-P	Total Phosph.	Total O&G	Alk.	Hard.
16-Jul-01	925-14	8.46	<1	4.02	3.39	<0.05	0.22		10	476

	MONTHLY		YTD
TOTAL FRESHWATER METERED AT PUMPHOUSE (925-01)	77,336	CUBIC METERS	498,279
PROCESS	70,970	CUBIC METERS	448,535
POTABLE	6,366	CUBIC METERS	49,744
TOTAL TAILINGS AT 925-12 (CALCULATED TO TCA)	54,460	CUBIC METERS	501,689
SOLUTION	45,921	CUBIC METERS	416,048
SOLIDS	8,539	CUBIC METERS	85,641
DRY TAILINGS SOLIDS TO BACKFILL	8,724	CUBIC METERS	35,417
QUANTITY OF ORE MILLED	50,064	TONNES	351,068
MINE WATER PUMPED FROM UNDERGROUND	5,336	CUBIC METERS	28,787
SEWAGE LAKES DISCHARGE	175,902	CUBIC METERS	283,074

COMMENTS :

Discharge from the No.2 Sewage Lake continued through July. As of July 25, 2001 water level is below the culvert and discharge is continuing via the single 8" syphon line.
 The July 16th sample was submitted to Norwest Labs. Ltd, in Edmonton for analysis.


 ENVIRONMENTAL COORDINATOR