



ECHO BAY MINES LTD.

July 9, 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 **June, 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 began on June 16, 2001 when flow was observed from the control culvert. Due to the time sensitive nature of some of the analysis requirements, the initial sample was not obtained until the first available flight date from Lupin of June 18, 2001. The analysis results are included in the attached report.

The observed and reported pH of the sewage sample 6.13. This is representative of the water quality associated with the excessive spring melt entering the system. The No.2 Sewage Lake was treated with lime prior to spring breakup, however being placed on the ice it was not available during the initial spring run-off. Since the ice has melted, the pH has been continuously above the minimum of 6.0.

The recorded flow volume at Station 925-14, for the month of June, is based partially on estimates due to damage incurred by ice at the control gate (June 21st) resulting in flow rates being above the V-notch weir on the discharge.

Omitted from the May SNP report was the pH of the annual freshwater sample. It was determined by Norwest Labs. Ltd. to be 6.64.

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Should you have any questions or comments regarding this report, please feel free to contact the undersigned at (780) 890-8794, Lupin.

Yours truly,

A handwritten signature in black ink, appearing to read "D. Hohnstein". The signature is fluid and cursive, with the first letter "D" being large and prominent.

D. Hohnstein
Environmental Coordinator, Lupin

Attach.

cc B. Danyluk
 H. Ducasse
 Mill Operations

WATER LICENCE NWB1LUP0008

 SURVEILLANCE NETWORK PROGRAM
 MONTHLY REPORT

JUNE 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						F-col #/100mL	BOD ₅
18-Jun-01	925-14	4	5.85	3	N/A	0.0109	<0.0006	0.006		0.012	<0.002	0.0278	5	<4
28-May-01	925-01		6.64											

		Total Nitrate-N	Total Nitrite-N	TK-N	NH4-N	Total Ortho-P	Total Phosph.	Total O&G	Alk.	Hard.
18-Jun-01	925-14	1.53	1.17	2.80	1.09	0.10	0.26	6	5	93.1

	MONTHLY	YTD
TOTAL FRESHWATER METERED AT PUMPHOUSE (925-01)	70,319	CUBIC METERS 420,943
PROCESS	64,150	CUBIC METERS 377,566
POTABLE	6,169	CUBIC METERS 43,377
TOTAL TAILINGS AT 925-12 (CALCULATED TO TCA)	71,935	CUBIC METERS 447,228
SOLUTION	58,489	CUBIC METERS 370,127
SOLIDS	13,446	CUBIC METERS 77,102
DRY TAILINGS SOLIDS TO BACKFILL	4,259	CUBIC METERS 26,693
QUANTITY OF ORE MILLED	51,344	TONNES 301,004
MINE WATER PUMPED FROM UNDERGROUND	6,009	CUBIC METERS 23,450
SEWAGE LAKES DISCHARGE	107,172	CUBIC METERS 107,172

COMMENTS :

Discharge from the No.2 Sewage Lake began on June 16, 2001. A sample was obtained on June 18, 2001 and submitted to Norwest Labs. Ltd, in Edmonton for analysis.


 ENVIRONMENTAL COORDINATOR