



Lupin Operation 9818 Edmonton International Airport Edmonton, AB T5J 2T2 Canada

December 3, 2005

Our File: NWB1LUP0008-2005 Monthly

Your File: Water Register NWB1LUP0008

Telephone: (780) 890-8797

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Executive Director Nunavut Water Board P.O. Box 119 Gjoa Haven, NU X0B 1J0

by email

Dear Sir:

RE: Echo Bay Mines Ltd., Lupin Gold Mine, Contwoyto Lake, NU.

Water License NWB1LUP0008

**Surveillance Network Program Monthly Report** 

As required by Part A, Item 6 of the Surveillance Network Program (Schedule 1) of Water License NWB1LUP0008, attached is the Lupin Mine Surveillance Network Program monthly report for **November 2005**.

The monthly and year-to-date water use volumes are included in the report for your review.

The fresh water line from Contwoyto Lake to the mine site must be charged with a minimum flow to avoid problems with the pumps and line. The water volume required for normal potable use is less than this minimum pumping rate. As process water is no longer required at Lupin, the excess raw water was pumped out to tails for disposal. With the decommissioning of the tailings line at the end of October, all excess raw water now reports to the sewage pond. A new entry has been added to the SNP report to track this volume. With Lupin water use now less than 300 cubic metres a day, the sewage pond has ample capacity to contain this flow. No water contaminated by mill or mine effluent will be disposed of in the sewage pond. Any such water will be collected in the mill sumps and then pumped into a tanker truck for disposal in the tailings area and reported accordingly.

No effluent was discharged to the environment during the month. As such, no samples were taken for analysis.

Should you have any questions or comments regarding this report, please contact: Mike Tansey, Reclamation Manager Ph: (780) 890-8797 mike.tansey@kinross.com.

Sincerely, Michael Tansey

C. Michael Tansey Reclamation Manager, Lupin

Bill Goodhard cc

Shawn Healey Mark Ioli



## **LUPIN GOLD MINE, Nunavut**

## WATER LICENCE NWB1LUP0008

SURVEILLANCE NETWORK PROGRAM MONTHLY REPORT

NOVEMBER 2005

- all units are in mg/L except pH which is unitless and where otherwise indicated.

SAMPLING				Total	Total	TOTAL METALS					
DATE	STATION	pН	TSS	CN	As	Cd	Cu	Hg	Ni	Pb	Zn

NUTRIEN'	T ANALYSES	F-col		Total	Total			Total	Total	Total			uS/cm
DATE	STATION	#/100mL	BOD <sub>5</sub>	Nitrate-N	Nitrite-N	TK-N	NH4-N	Ortho-P	Phosph.	O&G	Alk.	Hard.	Cond.

	MONTHLY		YTD
TOTAL FRESHWATER FROM PUMPHOUSE (925-01) PROCESS	7,492 0	CUBIC METERS CUBIC METERS	337,921 278,110
POTABLE RAW WATER TO SEWAGE POND	2,849 4,643	CUBIC METERS CUBIC METERS	55,168 4,643
TOTAL WASTE CALCULATED TO TCA SOLUTION SOLIDS	0 0 0	CUBIC METERS CUBIC METERS CUBIC METERS	239,591 225,799 13,792
DRY TAILINGS SOLIDS TO BACKFILL	0	CUBIC METERS	0
QUANTITY OF ORE MILLED	0	TONNES	41,484
MINE WATER PUMPED FROM UNDERGROUND	0	CUBIC METERS	7,653
SEWAGE LAKES DISCHARGE (925-14)	0	CUBIC METERS	263,508

COMMENTS:

Excess raw water now discharged into sewage pond. The tails line has been shut down.

Mike Tansey

Reclamation Manager, Lupin

Michael Tansey