



Lupin Operation  
9818 Edmonton International Airport  
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January 3, 2006

Our File: NWB1LUP0008-2005 Monthly  
Your File: Water Register  
NWB1LUP0008

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**

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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 **December 2005**.

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

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](mailto:mike.tansey@kinross.com).

Sincerely,

C. Michael Tansey  
Reclamation Manager, Lupin

cc Bill Goodhard  
Shawn Healey  
Mark Ioli



## WATER LICENCE NWB1LUP0008

SURVEILLANCE NETWORK PROGRAM  
MONTHLY REPORT

DECEMBER 2005

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

| DATE | SAMPLING<br>STATION | pH | TSS | Total | Total | TOTAL METALS |    |    |    |    |    |
|------|---------------------|----|-----|-------|-------|--------------|----|----|----|----|----|
|      |                     |    |     | CN    | As    | Cd           | Cu | Hg | Ni | Pb | Zn |

| NUTRIENT ANALYSES<br>DATE | STATION | F-col   | BOD <sub>5</sub> | Total     | Total     | TK-N | NH4-N | Total   | Total   | Total | Alk. | Hard. | uS/cm<br>Cond. |
|---------------------------|---------|---------|------------------|-----------|-----------|------|-------|---------|---------|-------|------|-------|----------------|
|                           |         | #/100mL |                  | Nitrate-N | Nitrite-N |      |       | Ortho-P | Phosph. | O&G   |      |       |                |

|  | MONTHLY |              | YTD     |
|--|---------|--------------|---------|
| TOTAL FRESHWATER FROM PUMPHOUSE (925-01) | 7,651   | CUBIC METERS | 345,572 |
| PROCESS                                  | 0       | CUBIC METERS | 278,110 |
| POTABLE                                  | 2,824   | CUBIC METERS | 57,991  |
| RAW WATER TO SEWAGE POND                 | 4,827   | CUBIC METERS | 9,470   |
| TOTAL WASTE CALCULATED TO TCA            | 0       | CUBIC METERS | 239,591 |
| SOLUTION                                 | 0       | CUBIC METERS | 225,799 |
| SOLIDS                                   | 0       | CUBIC METERS | 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