

GIANT YELLOWKNIFE MINES LIMITED  
YELLOWKNIFE P.O.  
NORTHWEST TERRITORIES  
CANADA

TELEX 037-4-5514

March 14, 1972.

Mr. M. L. Brown,  
Mining Inspector,  
P.O. Box 1500,  
YELLOWKNIFE, N. W. T.

Dear Sir:

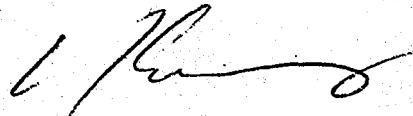
In reply to your letter of February 29th, some changes were made to the Mill circuit in November in an attempt to treat our various mill wastes at source to conserve lime usage and at the same time to improve arsenic suppression in the final tails.

Test assays of No. 6 thickener overflow showed it to be discharging only 10 to 11 ppm soluble arsenic, or less than usually obtained in the final mill waste. It was therefore decided to pump this overflow directly to the tailings pond without lime treatment. Early in December we discovered that this change led to abnormally high arsenic readings in the final mill discharge. The thickener overflow was immediately rechecked and found to be discharging more than 30 ppm soluble arsenic, considerably higher than initial tests indicated.

As a consequence, it was decided to repipe and return No. 6 overflow to the original circuit. This was done by mid January and the mill waste discharge for February (see attached) would indicate that arsenic in the effluents is now back down to normal levels.

Yours very truly,

GIANT YELLOWKNIFE MINES LIMITED.



D. J. Emery,  
Mine Manager.

DJE\*mo's

Att'd.

Blind Xerox Copy: H. E. P. ✓

1  
9.6

0.4

5.2

5.6