



**FALCONBRIDGE NICKEL MINES LIMITED**

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October 5, 1978

GIANT YELLOWKNIFE MINES LIMITED  
YELLOWKNIFE, N.W.T.  
XOE 1H0

Attention: Mr. K.S. Morton  
Mill Superintendent

Dear Kent:

Thank you for the letter of September 28th with the comments from John Mortimer of February 28, 1974.

Koppers indicated that the bulk sample was to be available to them October 4th and a test would be made very quickly. Tom Beatty will send samples of the residue to both Yellowknife and Thornhill. The sample for Thornhill will probably be big enough to do tests on covering the area outside of straight cyanidation. These would primarily be oriented at developing a plan for disposing of the residue to smelters or metals processors in the southern United States.

The points brought out in John's letter are basically the areas that the laboratory is prepared to pursue. They are now working on the hot water leach scheme, which is described in a Boliden Patent, now expired.

The hot water scheme is preferred as it gives a better product with less environmental concern than the fuming approach.

The fuming approach will be covered only as far as is necessary to establish comparative costs for the two approaches.

We will keep you advised on the results of test work as it advances.

Yours very truly,

FALCONBRIDGE NICKEL MINES LIMITED

P.J. Raleigh  
Chief Engineer

PJR/ft

cc: D.J. Emery, W.A. Moore

