

October 20, 1997

Indian Affairs and Northern Development  
Box 1500  
4914 - 50th Street  
Yellowknife, NT, X1A 2R3

Attention: Mr. Neill Thompson,  
Pollution Control Specialist

RE: GIANT MINE CLOSURE COST ESTIMATE  
INFORMATION REQUIREMENTS

Dear Neill,

I have started the development of the closure cost estimate for the Giant Mine and have identified the following additional data requirements.

1. water quality of the current underground discharge,
2. current power, labor and reagent consumption in the water treatment plant
3. total metals analysis of the tailings and mineralogical characterization of the form of arsenic in the tailings (arsenopyrite, ferric arsenate, arsenic trioxide, ??)
4. sludge production from the water treatment plant, quantity of sludge in the precipitates pond, and remaining sludge storage capacity, 2D
5. thermistor data from the NW tailings impoundment,
6. tailings embankment stability analyses and impoundment water balance.

Please forward the information as it becomes available so that preparation of my report is not delayed.

Please call if you have any questions.

Yours truly,  
Brodie Consulting Ltd.

M.J. Brodie, P.Eng.

1. H.P. mine vent fan.
2. Tailings w/g.

SHANNON  
STEVEN SPITZ

CHECK w/ SPITZ.

5-6  
LK.  
in frozen.

Time frame

Ferric  
arsenate.  
2D 2D

200  
200-400 ppm.