

July 23, 1974.

Mr. G. A. Lewis,
District Manager,
Environment Canada,
P.O. Box 2310,
YELLOWKNIFE, N.W.T.,
XOE 1E0.

Dear Mr. Lewis:

Our Metallurgical Consultant, J. M. Mortimer, visited earlier this month and read over your proposed specifications for stack emission testing. We wish to make the following comments.

There is no complaint with the technical accuracy of your proposed methods, although we note there has been several complaints from others about the method, in that it would report more than specific particulate matter.

We do believe that the method is a very tedious procedure, which perhaps could be modified for Giant. There seems to be some doubt in your minds that our current procedure provides isokinetic flow measurement or conditions, and of course your procedure would. However Giant has a particular condition in that our flow is off a fluosolid roaster and therefore inherently steady. For this reason we believe our procedure gives results well within practical limits of accuracy. Our procedure is so much simpler, and it offers more chance for continuous and sustained testing.

Would it appeal to you to run alternate testing with us, perhaps on alternate days for a period, to prove whether it is necessary for us to adopt such a tedious method if we can achieve accuracy by a simpler procedure.

(Continued)

With reference to your subsequent letter of May 28th concerning funds available for research work, this was also discussed with our consultant. We may wish to make a proposal regarding effluent control, however I first want to learn what the Gold Processors Group may feel about a joint effort. The Group tentatively meets next month and I am hopeful that our consultant will be able to attend.

Yours very truly,

GIANT YELLOWKNIFE MINES LIMITED.

D. J. Emery
for
D. J. Emery,
Mine Manager.

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c.c. A.E.C., J.S.M., D.R.D.