

June 5, 1972.

Mr. M. L. Brown,
Mining Inspector,
Department of Indian Affairs
and Northern Development,
Box 1500,
YELLOWKNIFE, N. W. T.

Dear Sir:

Enclosed please find in duplicate copies of our most recent
Roaster Stack Filtration Test.

We trust this meets with your approval,

Yours very truly,

GIANT YELLOWKNIFE MINES LIMITED.



D. J. Emery,
Mine Manager.

DJE*mo's

Encl.

To D.J.Emery; A.K.Campbell; H.E.Pawson; File Date May 31, 1972
From M.E. Lane Ref.
Subject ROASTER STACK FILTRATION TEST

Sampling Date: May 25th, 1972

Gas Temperature: 183°F

Gas Velocity: 15.41 ft/sec.

Gas Volume: 57,695 c.f.m.

Weight of Arsenic lost to Atmosphere: 788 lbs/day

Arsenic in Roaster Feed: 29,860 lbs.


Arsenic in Roaster Calcine: 2,940 lbs.

Arsenic in Cottrell Dust: 760 lbs.

Arsenic to Baghouse: 25,372 lbs.

Baghouse Collection Efficiency: 96.99%

Total Dust Collection Efficiency: 97.07%


M.E. Lane
Mill Engineer

MEL/mw

To D.J. Emery; A.K. Campbell; H.E. Pawson; File Date May 31, 1972
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