

July 31, 1969.

Mr. M. L. Brown, Mining Inspector,
Department of Indian Affairs and
Northern Development,
Box 608,
YELLOWKNIFE, N.W.T.

Dear Sir:

Please find enclosed two copies of a roaster stack test
carried out on July 25th, 1969.

Yours very truly,

GIANT YELLOWKNIFE MINES LIMITED.

WAC
W. A. Case,
Mine Manager.

WAC:ms

Encl.

c.c. R.J. McL.

To W.A.C.; R.J. McL.; File
From A.D. Coggan
Subject Roaster Stack Filtration Test

Date July 31, 1969
Ref. _____

Sampling Date:

25 July, 1969

Gas Temperature

135°F

Gas Velocity

11.22 ft/sec.

Total Gas Volume

29172 c.f.m.

Dust Loss

694.0 lbs/day

Dust Analysis

51.00%

Arsenic to Atmosphere

353.94 lbs/day

Arsenic in Roaster Feed

28880 lbs.

Arsenic in Calcine & Cottrell Dust

2740 lbs.


Arsenic to Baghouse Collector

26140 lbs.

Baghouse Collection Efficiency

98.66%

ADC/mw


A.D. Coggan
Mill Engineer