

August 8, 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 August 4th, 1969.

Yours very truly,

GIANT YELLOWKNIFE MINES LIMITED.

W. A. Case
W. A. Case,
Mine Manager.

WAC*ms

Encl.

c.c. R. J. McL.

To W.A.C.; R.J.McL.; File

Date August 7, 1969

From A.D. Coggan

Ref.

Subject Roaster Stack Filtration Test

Sampling Date:

4 August, 1969

Gas Temperature

198°F.

Gas Velocity

12.92 ft/sec.

Total Gas Volume

33592 c.f.m.

Dust Loss

990.69 lbs/day

Dust Analysis

58.35% As

Arsenic to Atmosphere

578.94 lbs/day

Arsenic in Roaster Feed

29480 lbs.

Arsenic in Calcine & Cottrell Dust

2280 lbs.

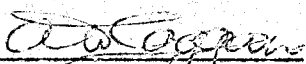
Arsenic to Baghouse Collector

27200 lbs.

Baghouse Collection Efficiency

97.87%

ADC/mw


A.D. Coggan
Mill Engineer