

June 20, 1968.

Mr. M. L. Brown,
Mining Inspector,
YELLOWKNIFE, N.W.T.

Dear Mel:

Enclosed for your information are two copies
of a Roaster Stack Filtration test taken on the 11th of June, 1968.

Yours very truly,

GIANT YELLOWKNIFE MINES LIMITED.

DJ
D. J. Emery,
General Superintendent.

DJE:ms

Encls.

To W.A.C.; R.J.McL.; File
From A.D. Coggan
Subject ROASTER STACK FILTRATION TEST

Date June 13, 1968
Ref.

SAMPLING DATE:

11 June, 1968

Gas Temperature

180 °F

Gas Velocity

11.05 ft./sec.

Total Gas Volume

28730 c.f.m.

Dust Loss

289.12 lbs./day

Dust Analysis

53.54% As

Arsenic to Atmosphere

154.79 lb/day

Arsenic in Roaster Feed

39720 lbs.

Arsenic in Calcine & Cottrell Dust


3680 lbs.

Arsenic to Baghouse Collector

36040 lbs.

Baghouse Collection Efficiency

99.56%


A.D. Coggan
Mill Engineer