

To D.J. Emery; H.E. Pawson

Date August 25, 1970

From M.E. Lane

Ref. _____

Subject ROASTER STACK FILTRATION TEST

Sampling Date:

August 21, 1970

Gas Temperature:

196°F.

Gas Velocity:

12.13 ft./sec.

Total Gas Volume:

45,415 c.f.m.

Dust Loss:

1,512.45 lb./24 hr.

Dust Analysis:

60.75% Arsenic

Arsenic to Atmosphere:

918.8 lbs./24 hr. *

Arsenic in Roaster Feed:

31,240.0 lbs./24 hr.

Arsenic in Calcine & Cottrell


Dust

: 3,620.0 lbs./24 hr.

Arsenic to Baghouse Collector: 27,620.0 lbs./24 hr.

Baghouse Collection Efficiency: 96.67%

MEL:mw


M.E. Lane
Mill Engineer

*Calcine
can this be
re-purposed
D/E.*

*- transfer with roaster
- 96.67%
- 96.67%*