

To D.J. Emery; H.E. Pawson; File
From M.E. Lane
Subject ROASTER STACK FILTRATION TEST

Date June 16, 1970

Ref.

Sampling Date: June 12th 1970

Gas Temperature: 193°F.

Gas Velocity: 10.72 ft/sec.

Total Gas Volume: 40,136 c.f.m.

Dust Loss: 1,486 lbs/day

Dust Analysis: 62.00% As.

Arsenic to Atmosphere: 921 lbs/day

Arsenic in Roaster Feed: 36,720 lbs.

Arsenic in Calcine &
Cottrell Dust: 3,580 lbs.

Arsenic to Baghouse Collector: 33,140 lbs.

Baghouse Collection Efficiency: 97.22%

? what gives
4/8

MEL/mw

M.E. Lane
Mill Engineer