

To D.J.Emery; A.K.Campbell; H.E.Pawson; File Date May 31, 1972
From M.E. Lane Ref.
Subject ROASTER STACK FILTRATION TEST

Sampling Date: May 25th, 1972

Gas Temperature: 183°F

Gas Velocity: 15.41 ft/sec.

Gas Volume: 57,695 c.f.m.

Weight of Arsenic lost to Atmosphere: 788 lbs/day

Arsenic in Roaster Feed: 29,860 lbs.


Arsenic in Roaster Calcine: 2,940 lbs.

Arsenic in Cottrell Dust: 760 lbs.

Arsenic to Baghouse: 25,372 lbs.

Baghouse Collection Efficiency: 96.99%

Total Dust Collection Efficiency: 97.07%


M.E. Lane
Mill Engineer

MEL/mw