

To H. E. Pawson, D. J. Emery, A. K. Campbell.
From M. E. Lane.
Subject ROASTER STACK FILTRATION TEST.

Date October 14, 1971.

Ref.

Sampling Date :	October 8, 1971.
Gas Temperature :	170 ⁰ F.
Gas Velocity :	15.93 ft. /sec.
Gas Volume :	59,642 c. f. m.
Weight of Arsenic lost to Atmosphere:	1,459 lbs. /day.
Arsenic in Roaster Feed :	25,840 lbs.
Arsenic in Roaster Calcine:	3,440 lbs.
Arsenic in Cottrell Dust :	400 lbs.
Arsenic to Baghouse :	22,000 lbs.
Baghouse Collection Efficiency:	93.37%
Total Collection Efficiency:	93.49%

M. E. Lane,
Mill Engineer.

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