

To D.J. EMERY

Date JUNE 22/70

From A.K. CAMPBELL

Ref. _____

Subject ROASTER STACK FILTRATION TEST

Following are averages of Baghouse Collection Efficiency results for years 1964 - 69 which were reported to Mining Inspector

1964 - one test	98.66%
1966 - 3 tests	99.23%
1967 - 4 tests	99.42%
1968 - 2 tests	99.16%
1969 - 3 tests	98.39%

a) Result of test of June 12/70 - 97.22%

b) Because of discrepancy between June 12 test and results of previous years the mill plans to take a test every two weeks. Most of the personnel involved in doing the test work are unfamiliar with the technique, and will probably need to complete a few tests before ~~becoming~~ being certain of the accuracy.

c) The mill suspects an error in application of the formula used to determine quantities of arsenic in previous years. If formula had been applied the same way to June 12 results as to previous years efficiency would be 98%. Will to recheck this entire procedure -