

006971

To J. Levanaho c.c. S. Chmelyk G.D. Biles,
From B.R. Davia W.N. Wallinger, G.W. Chapman, R. Murarka.
Date June 4, 1982 W. Kleinschrot, Met. Techs.
Subject REGRIND TESTING OF THE CRUSHER FEED STOCKPILE MATERIAL

On May 27th, 28th and the 31st, open circuit cleaner tests were performed on the crusher feed stockpile material. Final concentrate P_{80} 's achieved were 39μ , 34μ and 28μ corresponding to regrind times of 0 minutes, 5 minutes (standard) and 10 minutes.

CONCLUSIONS:

1) Pb Circuit

The finer grind achieved a higher grade (3% improvement) at no significant loss of recovery. The coarser grind achieved a loss of 4.5% in grade with no significant change in recovery.

2) Zn Circuit

The finer grind improved the grade 8.7% with no significant change in recovery. The coarser grind lowered the grade 5.3% with no significant change in recovery.

RECOMMENDATIONS:

- 1) Both Zn and Pb rougher concentrates should continue to be re-ground in the mill.
- 2) A plant test on finer regrinding should be performed.

B.R. Davia

B.R. Davia

Metallurgist

BRD/ct