

000746

MEMORANDUM

TO: Pit Foremen
FROM: Ore Control
DATE: September 16, 1971
SUBJECT: REQUIRED HEAD FEED GRADE

Until June 1971, a steady head feed grade of 12% Pb + Zn was required. After that time it was agreed that only 6600 tons per day of 12% was required with any additional tonnage being of 7% grade. This does not have to be taken literally. The attached graph shows the weighted average grade of ore required for any given daily tonnage from 6600 tons per day to 9500 tons per day.

At present we are supplying ore in the range of 7500 tons per day to 8000 tons per day to the mill. This requires a grade of 11.4% to 11.1% respectively. Actually the average grade at present should be around 11.1% to 11.2%. This may even be lowered in the not too distant future.

P. M. Pettigrew

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Geologist

PMP/pp

cc J.W. Massop.
M.O. Hampton ✓
N.G. Stephenson
H. Grenier

HEAD FEED GRADE REQUIRED (% Pb + Zn)

12.0%
11.8
11.6
11.4%
11.2
11.12%
11.0
10.8
10.6
10.4

$x=0$

$x=900$
TONS
7%

$x=1400$
TONS
7%

$6600 + x \text{ pd. } 12\% + x \text{ pd. } 7\%$

6600

7000

7500

8000

8500

9000

PRESENT RANGE

TONS OF ORE MILLED PER DAY

