

JAN 25 1979

019860

To J. C. Devitt Date January 22, 1979

From D. Gregoire JFO

Subject ORE RESERVES

Ore reserves as of January 1, 1979 are calculated below by subtracting mill reported feed by years from the initial accepted ore reserves submitted by E. N. Pennebaker on October 3, 1967 for Zones 1, 2 and 3.

	<u>Tons</u>	<u>% Pb</u>	<u>% Zn</u>	<u>% Pb + Zn</u>
Initial Reserves	63,473,000	3.4	5.7	9.1
Milled in 1969	435,000	3.5	5.6	9.1
Milled in 1970	1,961,000	4.4	6.4	10.8
Milled in 1971	2,673,000	4.9	6.8	11.7
Milled in 1972	2,905,530	4.6	6.2	10.8
Milled in 1973	2,899,145	4.9	6.4	11.3
Milled in 1974	2,925,359	4.5	5.6	10.1
Milled in 1975	3,225,223	4.0	5.4	9.4
Milled in 1976	1,675,381	2.7	5.5	8.2
Milled in 1977	3,434,806	2.7	4.9	7.6
Milled in 1978	3,616,309	3.2	5.1	8.3
Total Milled	25,750,753	4.0	5.7	9.7
Reserves Remaining 1/1/79	37,722,247	3.0	5.7	8.7

Stockpile inventories as of January 1, 1979 obtained from pit production truck count figures in and out of stockpile are as follows:

Oxide Stockpiles:

Low Grade Yellow Pb + Zn = 5% to 8.5%	1,776,500	2.7	4.5	7.2
Low Grade Red Pb + Zn = +8.5% Zn = -5.9%	460,500	3.4	5.9	9.3
Total	2,237,000	2.8	4.8	7.6

Grades for the low grade yellow and red were derived from rotary test hole cuttings. Other grades are from blast hole averages.

**CYPRUS**

	<u>Tons</u>	<u>% Pb</u>	<u>% Zn</u>	<u>% Pb + Zn</u>
Crusher Feed Stockpiles:	11,000	4.5	7.0	11.5

*D. Gregoire*

D. Gregoire  
Chief Engineer

DG/mm

cc. J. F. Oik  
A. von Kursell  
P. Taggart  
J. Mustard