

CYPRUS ANVIL MINING CORPORATION

INTEROFFICE CORRESPONDENCE

TO : R. HOGAN
 FROM : R. TOLBERT ¹⁰
 DATE : DECEMBER 5, 1984
 SUBJECT ORE RESERVES S.E. RAMP AREA ZONE III

003284

A. Chevalier's memo of November, 1984 on Ore Reserves in Faro Zone III S.E. Ramp area defines the following proven and probable geological reserves at 4 % and 6 % Pb and Zn cutoff: -

4 % cutoff

Tonnes (000)	Pb %	<u>Grade</u> Zn %	Ag g/mt
300	4.12	4.59	66.91

6 % cutoff

Tonnes (000)	Pb %	<u>Grade</u> Zn %	Ag g/mt
159	5.80	5.60	96.4

When considering mining these reserves the following points should be borne in mind: -

1. The ore is close to surface with a low stripping ratio (1.24/1). Some oxidation has taken place as observed in core. Until metallurgical testing has been carried out on the ore from this area, it would be prudent to consider the metallurgical performance to be similar to that of the oxide stockpile ore.
2. At 4 % cutoff the thickness of the ore is 40 - 50 feet, therefore higher than normal dilution will occur. This can be reduced by careful planning and mining. At present, however, it would be prudent to consider the dilution to be in the order of 10 % when discussing grades of minable reserves for this area.



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