

ANVIL DISTRICT TONNAGE AND GRADE COMPILATIONS

006160

DEPOSIT	RESERVES (000 Tonnes)	GRADE				SOURCE
		Lead %	Zinc %	Silver g/mt	Cutoff %Pb+Zn	
<u>FARO</u>						
Geological Reserves Before Mining	57,583	3.4	5.7	-	5.0	1
Remaining Geological Reserves	33,000	3.0	4.6	36	4.0	2
Minable Open Pit Reserves	25,200	2.9	4.3	36	4.0	2
Oxide Stockpile	1,363	2.9	4.7	38	n/a	2
<u>GRUM (62W-86W only) X</u>						
Geological Reserves *	30,781	3.1	4.9	49	4.0	3
Minable Open Pit Reserves	16,875	3.0	4.9	47	4.0	3
<u>VANGORDA (2W-12E only; excludes E Extension)</u>						
Geological Reserves	7,080	3.4	4.3	48	4.0	3 4
Minable Open Pit Reserves	5,189	3.4	4.2	47	4.0	3 4
<u>DY</u>						
Geological Reserves	20,267	5.7	7.0	82	9.0	8 5
	11,049	6.7	8.0	100	12.0	8 5
<u>SWIM</u>						
Geological Reserves	4,750	3.8	4.7	42	6.0**	7 6
<u>TOTAL</u>						
Geological Reserves - Before Mining	113,600	3.7	5.7	46	n/a	
- Remaining	90,150	3.8	5.6	56	n/a	
Minable Open Pit Reserves	50,000	3.0	4.6	40	4.0	

* NO REFINED ESTIMATES OF UNDERGROUND GEOLOGICAL RESERVES AVAILABLE.

** INFERRED MINIMUM %Pb+Zn USED IN RESERVE CALCULATIONS.

All tonnage figures adjusted for 1981 specific gravity reductions.

All geological and open pit reserves adjusted for dilution.

SOURCES

- 1) Pennebaker, E.N. (1967) Report to Anvil Mining Corp. dated 3 October, 1967 reported in Cyprus Anvil correspondence to J.F. Olk from J.C. Devitt 4 December, 1975.
- 2) Purkis, J. (1982) November 19, 1982 Reserve Summary; Cyprus Anvil Mining Corporation in-house report.
- 3) Clarke, P.I. (1981) October 1, 1981 Reserve Summary, Cyprus Anvil Mining Corporation in-house report.
- 4) Chisholm, E.O. (1957) "Geophysical Exploration of a Lead-Zinc Deposit in Yukon Territory" in Methods and Case Histories Mining Geophysics, 6th Commonwealth Mining and Metallurgical Congress, pp. 269-277.
- 5) Tolbert, R.S. (1982) November 19, 1982 Reserve Summary; Cyprus Anvil Mining Corporation in-house report.
- 6) Rollings, R.W. (1982) January 1, 1982 Reserve Summary; Cyprus Anvil Mining Corporation in-house report.
- 7) Kavanaugh, P.M. (1966) Ore Reserve Calculations, Swim Lakes "A" Group, Yukon dated 27 December, 1966; Kerr-Addison in-house memorandum.

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Geological Reserves Before Mining	57,583	3.4	5.7	-	5.0	1
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<u>VANGORDA (2W-12E only; excludes E Extension)</u>						
Geological Reserves	7,080	3.4	4.3	48	4.0	4
Minable Open Pit Reserves	5,189	3.4	4.2	47	4.0	4
<u>DY</u>						
Geological Reserves	20,267	5.7	7.0	82	9.0	5
	11,049	6.7	8.0	100	12.0	5
<u>SWIM</u>						
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<u>TOTAL</u>						
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