

CYPRUS ANVIL MINING CORPORATION

ORE RESERVES - ZONE 1 + 2

Nov. 18/79

Bench

K = 6481.5 @ 3.50 T/BCY

Page 1 of 4th QTR. REVIEW

Phase	Bench	O R E			Grade	COMB.	REMARKS
		Tons	Pb	Zn			
							(NO NEW PURCHASE OF EQUIPMENT)
							N.B. - TONNAGE AND FEED GRADES FROM COMPUTER MINE MODEL.
							4% cutoff ZONE 1+3, 4.5% cutoff ZONE 2
							Nov. 16-30, 1979 (153,750)
V	3630	10,000	2.7	4.8			BLAST D
V	3630	143,750	2.8	5.2			BLAST E, TYPE I, PYRITIC
		153,750	2.8	5.2			
							DEC. 1979 (317,750)
V	3630	298,000	2.5	5.0			adjusted ENE, 78-22, NNE
CFSP		19,750	2.6	4.9			
		317,750	2.5	5.0			
							N.B. - ZONE 2 + ZONE 3 FEED GRADES
							ARE ADJUSTED DOWNWARD Pb-6%
							AND Zn-4% (6% - SILVER)
VI-A	3890	85,750	2.6	4.6			ZONE 2 78-10 SILVER 45.5
VI-A	3870	232,000	2.3	4.6			" 78-10 SILVER 48.8
		317,750	2.4	4.6			→ adjusted grade 2.3 4.4
							FEB. (297,250)
VI-A	3870	10,000	2.3	4.6			
VI-A	3850	265,000	2.8	4.6			SILVER 42g/mt
CFSP		22,250	2.6	4.9			
		297,250	2.8	4.6			→ adjusted grade 2.6 4.4
							MAR. (317,750)
VI-A	3830	317,750	3.2	4.7			78-07, 78-19, 78-20, 78-21 SILVER 45.72
							→ adjusted grade 3.0 4.5
							2 ND QTR. 1980 (932,750)
VI-A	3830	299,250	3.2	4.7			
CFSP		8,500	2.6	4.9			
VI-A	3810	625,000	3.4	5.1			78-07, 76-16, 78-19, 78-21, 76-15, 78-17
		932,750	3.3	5.0			→ adjusted grade 3.1 4.8
Total							

ORE RESERVES - ZONE 2 + 3

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4th QTR. REVIEW

Page Total

CYPRUS ANVIL MINING CORPORATION

ORE RESERVES - ZONE

Bench

K = 6481.5 @ 3.50 T/BCY

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MINE LIFE (FARO ONLY)

O R E						REMARKS
Phase	Bench	Tons	Grade			
			Pb	Zn	Comb.	
		3 RD QTR. 1982 (943,000)				
					SILVER g/mt	
OXIDIZED STPL.		692,000	2.9	4.8		103 DAYS 31.1
VIII	3630	105,000	1.6	3.3	12.90	THERE WILL BE A GAP HERE IF NO
VIII	3610	146,000	2.1	4.9	16.65	NEW EQUIPMENT IS PURCHASED BUT I
		943,000	2.6	4.6		WILL ASSUME THE GAP CAN BE FILLED
		adjusted grade	2.4	4.4	26.94	AND CONTINUE TO SCHEDULE FARO ONLY.
						PH. VIII 3710, 3690 + 3650 STPL. FOR LATER USE
		4 th QTR. 1982 (943,000)				
VIII	3610	37,000	2.1	4.9	16.65	
VIII	3590	181,000	2.0	4.9	12.67	
VIII	3570	104,000	1.8	4.3	13.57	
VIII	3550	117,000	2.4	4.5	29.23	
CFSP		46,000	2.5	3.0	25.00	
VIII	3530	345,000	2.9	5.4	29.27	
VIII	3510	113,000	3.7	5.2	40.60	
		943,000	2.6	4.9	25.00	→ adjusted grade 2.4 4.7 23.50
		1983 (3,741,000)				
VIII	3510	298,000	3.7	5.2	40.60	
VIII	3490	281,000	4.2	5.9	45.36	
VIII	3470	209,000	4.6	6.2	43.89	
IX	3650	10,000	1.4	3.9	14.49	
IX	3630	31,000	1.3	3.6	15.16	
IX	3610	46,000	1.5	3.4	14.90	
IX	3590	52,000	2.1	3.5	27.13	
IX	3570	58,000	2.7	4.2	30.14	
IX	3550	175,000	2.6	4.0	33.02	
IX	3530	444,000	3.3	5.1	40.51	
IX	3510	596,000	3.8	5.6	48.07	
IX	3490	565,000	3.6	4.7	47.02	
IX	3470	813,000	3.5	4.6	42.52	
IX	3450	163,000	3.9	5.5	43.64	
Total		3,741,000	3.6	5.0	42.53	→ adjusted grade 3.4 4.8 39.98

CYPRUS ANVIL MINING CORPORATION

ORE RESERVES - ZONE _____

Bench _____

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O R E						REMARKS
Phase	Bench	Tons	Grade			
			Pb	Zn	Comb.	
		1984 (3,752,000)				
					SILVER g/mt	
IX	3450	592,000	3.9	5.5	43.64	
IX	3430	508,000	3.9	5.7	42.37	
IX	3410	233,000	2.3	3.6	28.97	
IX	3390	157,000	2.6	4.2	26.61	
X	3590	25,000	4.2	5.2	55.46	
X	3570	216,000	4.1	5.7	46.58	
X	3550	242,000	3.4	4.4	43.44	
X	3530	315,000	4.3	5.0	61.05	
X	3510	330,000	4.3	5.2	67.13	
X	3490	256,000	3.8	5.3	56.38	
XI	3610	9,000	3.2	4.0	52.58	
XI	3590	42,000	2.8	3.9	30.44	
XI	3570	229,000	3.9	5.0	50.31	
XII	3890	34,000	4.1	5.3	54.80	
XII	3870	94,000	4.1	5.2	53.80	
XII	3850	86,000	2.8	5.2	35.89	
XI	3550	244,000	3.6	4.1	49.45	
XII	3830	112,000	2.2	3.8	36.29	
XI	3530	28,000	3.3	4.1	49.14	
		3,752,000	3.7	5.0	47.09	→ adjusted grade 3.5 4.8 44.27
		1985 (3,741,000)				
XI	3530	300,000	3.3	4.1	49.14	
XI	3510	409,000	3.5	4.4	53.70	
XII	3810	115,000	2.5	4.7	26.89	
XII	3790	240,000	3.4	6.3	37.85	
XI	3490	402,000	3.2	4.3	45.59	
XII	3770	170,000	3.3	4.8	39.70	
XIII	3770	9,000	2.3	4.6	35.60	
XII	3750	197,000	2.8	3.6	36.21	
XIII	3750	36,000	2.3	4.0	32.33	
X	3470	351,000	3.5	4.9	46.74	
XI	3470	563,000	3.1	4.2	46.39	
XII	3730	188,000	2.4	4.2	28.67	continued on pg. 6
Total						

CYPRUS ANVIL MINING CORPORATION

ORE RESERVES - ZONE _____

Bench _____

K = 6481.5 @ 3.50 T/BCY

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MINE LIFE (FARO ONLY)

O R E						REMARKS
Phase	Bench	Tons	Grade			
			Pb	Zn	Comb.	
		<u>1987 (3,741,000)</u>				
					SILVER g/mt	
XIII	3530	227,000	3.2	4.3	41.52	
XII	3510	571,000	3.5	4.6	48.14	
XIII	3510	302,000	3.5	5.5	34.12	
XII	3490	567,000	2.8	4.4	35.24	
XIII	3490	293,000	2.2	4.8	24.06	
XII	3470	585,000	3.2	4.9	39.88	
XIII	3470	312,000	3.3	6.0	33.55	
XI	3450	456,000	2.6	3.6	34.90	
XII	3450	428,000	3.0	4.7	28.82	
		3,741,000	3.0	4.7	~~36.43~~	→ adjusted grade <u>2.8</u> <u>4.5</u> <u>34.25</u>
		<u>1988 (3,752,000)</u>				
XII	3450	318,000	3.0	4.7	28.82	
XIII	3450	335,000	3.6	5.8	38.53	
X	3430	361,000	3.2	4.6	34.84	
XI	3430	309,000	3.4	4.7	40.85	
XII	3430	495,000	2.8	4.3	26.49	
XIII	3430	236,000	2.6	4.7	26.58	
XI	3410	530,000	2.7	4.4	28.02	
XII	3410	354,000	3.0	4.7	30.42	
XIII	3410	254,000	2.2	3.9	24.71	
XI	3390	351,000	2.7	4.4	26.91	
XII	3390	209,000	2.4	4.2	27.98	
		3,752,000	2.9	4.6	~~30.33~~	→ adjusted grade <u>2.7</u> <u>4.4</u> <u>28.51</u>
		<u>1989 (1,005,000)</u>				
XII	3390	48,000	2.4	4.2	27.98	
XIII	3390	176,000	2.2	4.2	19.00	
XIII	3370	492,000	2.2	4.1	23.76	
XIII	3350	289,000	1.9	4.1	24.91	
		1,005,000	2.1	4.1	~~23.46~~	→ adjusted grades. <u>2.0</u> <u>3.9</u> <u>22.05</u>
Total						