

CYPRUS ANVIL MINING CORPORATION

From: D. GREGOIRE

Date

To

1/3 31822

2 3232

SP 1745

006339

36799

1978 1250

1745

35549 S.D.T.

TO BE SCHEDULED

GRUM FICE

Fero and Grum Combined Pits

Case III

Year	Waste - Cu Yds (000's)			Source	Ore S. Tons (000's)			
	Fero	Grum	Total		Tons	Pb	Zn	Comb.
1979	11,297	-	11,297	Fero	3,741	3.27	5.07	8.34
1980	11,473	-	11,473	Fero	3,752	3.03	5.20	8.23
1981	11,298	-	11,298	Fero	3,741	2.80	4.90	7.70
1982	11,298	5,263 (i)	16,561	Fero	3,741	2.80	4.47	7.40
1983	8,992	3,524		Fero	3,741	3.30	4.70	8.00
1984	6,981	7,500		Fero	1,811			
				Grum	1,930	3.8	6.2	10.0
					3,741			
1985	6,107 5,629	7,500		Fero	1,811			
				Grum	1,930	3.4	5.5	8.9
					3,741			
1986	27,86	7,500		Fero	1,811			
				Grum	1,930	3.3	5.3	8.6
					3,741			
1987	27,86 25,21	3,726		Fero	1,811			
				Grum	1,930	3.2	5.2	8.4
					3,741			
1988	603	3,726		Fero	1,811			
				Grum	1,930	2.9	4.7	7.6

1980 603 3,726 Faro 1,811
 Grum 1,930 3.1 5.1 8.2
 3,741

1990 803 1,920 Faro 1,811
 Grum 1,930 2.7 4.5 7.2
 3,741

1991 546 396 Faro 1,811
 Grum 1,920 8.1 5.0 8.1

1992 262 Faro 2290
 2345

(1) Overburden - To be contracted

OXY + STP 1980 1992
~~33209~~

~~30269~~
 30004

~~HO~~ 35501 35549
 TO B.B. SCHLO 35549

~~75370~~
 63595 1980 → 1992 (M)

1983

Pf Z_w

10250 SPT/DAY

<u>VIII</u>	3490	89	3.7	5.1
<u>VIII</u>	3470	400	3.3	4.8
<u>IX</u>	3630	14	1.3	3.2
		32	1.3	3.1
		19	2.0	4.2
		76	2.4	3.4
		202	2.4	3.9
		456	3.4	5.1
		494	3.6	5.1
		337	3.8	5.0
		679	3.4	4.4
		859	3.2	4.7
<u>IX</u>	<u>84</u>	<u>3.3</u>	<u>5.0</u>	
	3741	3.30	4.71	

12 358

17 619

1984

4962 SOT/DAY

~~IX~~

578 3.3 5.0
253 2.4 3.5

~~IX~~
~~X~~

164 2.7 4.1
13 2.0 2.5
144 3.5 4.7
354 2.9 3.5
280 3.3 4.2
25 3.2 4.4

1811 3.05 4.26

1985

~~X~~

358 3.2 4.4
247 3.2 5.0
369 3.1 4.4
338 2.5 3.2
290 2.9 4.2

XI

49 2.3 3.6
103 2.9 3.9
57 2.5 3.5
1811 2.94 4.15

1986

<u>XI</u>	180	2.5	3.5
	399	2.5	3.8
	300	2.7	4.0
	472	3.1	4.1
	327	2.9	3.8
	<u>133</u>	3.4	4.6
	1811	2.82	3.91

1987

<u>XI</u>	180	3.4	4.6
	477	2.6	4.5
	375	2.6	4.4
	54	3.1	3.9
	31	2.5	5.5
	43	2.3	4.2
	31	2.5	4.8
	130	3.1	6.5
	114	3.2	5.0
	227	2.5	3.7
	127	1.4	3.6
	<u>22</u>	2.4	4.5
	1811	2.66	4.50

1988

XII

95	2.4	4.5
39	1.5	3.9
152	1.7	3.5
228	2.4	4.9
83	1.9	2.8
425	3.0	5.4
332	3.3	5.1
403	3.5	4.9
39454	<u>2.2</u>	<u>3.6</u>
1811	2.84	4.76

1989

XII

340	2.2	3.6
318	2.8	3.5
550	2.7	3.9
<u>603</u>	<u>1.8</u>	<u>3.7</u>
1811	2.32	3.71

1990

XII

36	1.8	3.7
492	3.2	5.0
712	2.9	4.7
524	2.8	4.3
<u>47</u>	<u>2.8</u>	<u>4.6</u>
1811	2.93	4.64

1991

<u>XII</u>	317	2.8	4.6
	276	2.2	4.1
	15	3.1	4.8
	5	2.4	5.0
	32	1.5	3.6
	190	2.3	3.7
	3	2.0	3.0
	38	2.8	5.8
	134	2.6	4.2
	260	2.5	4.0
	237	3.4	4.5
	245	3.0	5.1
	59	1.9	4.4
	<hr/>	<hr/>	<hr/>
		2.65	4.37

1811

1992

164	1.9	4.4
338	3.0	5.5
318	2.7	5.3
243	2.6	5.0
276	2.2	4.0
164	2.2	4.2
586	2.1	4.1
280	2.1	4.1

2369 2.36 4.57