

002178

To

W.N. Wallinger

Date

September 16, 1976

From


R.B. Ferguson

Subject

Five Year Plan 1977 to 1981

The same rationale as was used for the 1977 budget was used to develop the parameters for the five year plan.

Again, improvements due to technological development will be incorporated as such is proven.

  
R.B. Ferguson,  
Chief Metallurgist

RBC/dbc

cc A.H. von Kursell  
L.P. Taggart  
D. Marr  
G. Wight  
J. Devitt  
D. Hanson  
W. Muir  
D. Garries  
R. Anderson

CYPRUS ANVIL MINING CORPORATION

PRODUCTION STATISTICS

	1977	1978	1979	1980	1981
<b>Feed Grade %</b>					
Lead	3.0	4.1	3.5	3.2	3.3
Zinc	5.1	5.9	5.3	5.0	5.4
Total	8.1	10.0	8.8	8.2	8.7
<b>Cu. Yds. Moved (000's)</b>					
Waste & Low Grade					
Ore					
Total					
Tons Milled (000's)	3650	3650	3650	3660	3650
<b>Mill Feed (000 lbs)</b>					
Lead	219060	299300	255500	234240	240200
Zinc	372200	430700	386300	366000	394200
<b>Metal Recovered (000 lbs)</b>					
Lead Select	163444	240033	201817	180064	188896
Bulk	19841	15869	15869	15869	15869
Total Lead	183285	255902	217686	195933	204765
Zinc Select	260025	318588	280547	260779	287117
Bulk	32850	2979	26279	26279	26279
Total Zinc	292875	348387	306826	287058	313396
<b>Recoveries %</b>					
Lead Select	74.6	80.2	79.0	77.7	78.4
Bulk	9.1	5.3	6.2	6.8	6.6
Total Lead	83.7	85.5	85.2	84.5	85.0
Zinc Select	69.9	73.9	79.5	71.2	72.8
Bulk	8.8	6.1	6.8	7.2	6.7
Total Zinc	78.7	80.0	79.3	78.4	79.5
<b>Concentrate Grades %</b>					
Select Lead	66.5	66.5	66.5	66.5	66.5
Select Zinc	50.5	50.5	50.5	50.5	50.5
Bulk - Lead	18.0	18.0	18.0	18.0	18.0
Bulk - Zinc	29.8	29.8	29.8	29.8	29.8
Silver in Sel. Pb	13.5	13.5	13.5	13.5	13.5
Silver in Bulk Pb	5.4	5.4	5.4	5.4	5.4
Fe in Sel. Zinc	10.8	10.8	10.8	10.8	10.8
Fe in Bulk	15.8	15.8	15.8	15.8	15.8

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	1977	1978	1979	1980	1981
<u>Concentrate Produced (DST)</u>					
Lead	122887	180476	151742	136890	142027
Zinc	257451	315137	277762	258091	284274
Bulk	55115	44080	44080	44080	44080
Total	435453	539693	473584	439061	470381
<u>Concentrate Produced (DMT)</u>					
Lead					
Zinc					
Bulk					
Total					
<u>Marketable Metal (000 lbs.)</u>					
Select Lead					
Bulk Lead					
Total Lead					
Select Zinc					
Bulk Zinc					
Total Zinc					
Select Silver (oz)					
Bulk Silver (oz)					
Total Silver					
<u>Operating Time %</u>					
<u>Moisture</u>					
Pb Select					
Zn Select					
Bulk					