July 11, 1973

1974 Plan

PREPARE

Alternate (1.) 1974 Plan with 100% feed from Zone 1

7405 This would be the maximum all material situation. (Approx. 8.9 million)

alternate

(2.) 1974 Plan consuming 100% the Red S.P.'s and the balance from Zone 1.

RED PIT.

7406 Reduce all material to maintain .6 mas developed ore in mine. This would be done to try & improve on the all material unit cost by rationally minimizing material movement by 5 yd shovels.

alt.

(3.) Maintain All Mat'l movement estimated in alternate (2). Feed mill from Red S. P. (100%)

7407 Yellow S.P.'s as much as situation or stand, & balance of mill feed from Zone I. This situation increase developed ore above six month minimum by whatever quantity we are able to consume from Yellow S.P. as mill feed.

1974 PIT ALTERNATE

3790 BENCH

	DDH. NO.	TONS	UPGRADED Pb	Pb	Zn	
	65 - 11	65,013	7.0	4.2	8.0	7.5
OUT	66 - 8	28,266	5.0	3.7	5.0	-
	66 - 15	265,706	7.0	6.9	9.4	7.5
	66 - 32	36,747	6.5	1.8	6.8	-
	70 - 1	9,422		2.9	6.8	-
OUT	70 - 2	70,666		2.2	4.8	-
OUT	70 - 4	75,377		2.7	4.5	-
	70 - 5	88,569 ?	7.0	4.3	7.5	-
OUT	70 - 6	52,764	5.3	2.6	5.4	-
	70 - 14	76,555	7.0	4.5	7.3	-
OUT	70 - 16	75,377 ?		2.6	5.2	-
	72 - 3	163,004		5.6	6.0	-
		1,007,466		4.6	7.0	
	66-8	76,743		3.7	5.0	-
		1,084,209		5.4 4.5	6.9	6.3

1974 - ALTERNATE ONE - ORE SUPPLY

		UPGRADED Pb			DOWNGRADED Zn
3790	1,084,209	5.4	4.5	6.9	6.3
3830	1,211,775	3.6	3.0	5.1	-
3870	872,953	-	3.1	5.7	-
3910	221,713	-	2.8	6.4	-
	3,390,650	4.0	3.5	5.9	5.7

57,100

142,651
108,988
33,663

108,988
57,100
166,088

9.1

9.2

JULY, 13/73

1974 PIT REVISED

BENCH 3830

DDH	TONS	UPGRADED Pb	Pb	Zn		
66-12 ✓	18,615	5.5	3.1	5.6		
66-23 ✓	24,333		6.4	6.8		
70-1 ✓	29,433		3.0	6.9		
65-4 ✓	28,606		4.0	6.1		
66-14 ✓	1,912		6.4	10.8	7.5	← too small won't affect.
66-8 ✓	44,954	7.0	5.6	7.0		
66-2 ✓	98,462	3.0	2.5	3.1		✓
72-7 ✓	195,357		3.3	3.7		✓
66-22 ✓	138,575		3.5	5.4		✓
72-6 ✓	91,271		2.4	6.5		
66-4 ✓	94,222		2.3	4.6		✓
70-9 ✓	131,676	4.0	1.5	4.2		✓
70-11 ✓	45,227		2.5	4.4		✓
66-35 ✓	48,524		1.9	6.5		
66-9 ✓	64,307		2.7	5.7		✓
66-39 ✓	23,084		2.3	3.9		
66-32 ✓	62,187	5.0	2.4	5.0		
66-44 ✓	52,057	7.0	5.3	8.7		
72-3 ✓	18,973		5.1	5.9		
	1,211,775	3.6	3.0	5.1	5.1	

1974 PIT REVISED

BENCH 3870

DDH	TONS	Pb	Zn	
70-1 ·	31,254	2.9	6.6	USING MAX GRADE OF 7.5 ZN
65-4 ·	1,565	3.7	6.2	
66-39 ·	6,596	2.8	3.9	
66-9 ·	31,564	2.8	6.4	
66-35 ·	63,129	1.8	5.5	"NO
66-4 ·	95,220	1.8	3.9	EFFECT."
72-7 ·	140,994	6.2	6.3	
66-22 ·	98,698	2.8	3.3	
72-6 ·	219,774	2.7	6.7	
66-18 ·	3,769	2.5	6.1	
✓ 65-7 ·	159,236	2.5	6.1	
✓ 66-53 ·	11,307	2.5	6.1	
✓ 66-30 ·	3,769	2.5	6.1	
66-2	6,078	3.1	4.0	
66-8				
66-14				
70-3				
	872,953	3.1	5.7	

JULY.

117A PIT REVISED

BENCH 3910

DDH	TONS	Pb	Zn	USING MAX. ZN GRADE OF 7.5
72-6	81,973	3.3	6.6	
65-7	92,338	2.6	7.2	NO EFFECT
66-18	40,044	2.4	4.7	
65-14	7,538	2.4	4.7	
	221,713	2.8	6.4	