

MEMORANDUM

TO: M. O. Hampton  
FROM: P. M. Pettigrew  
DATE: September 23, 1971  
SUBJECT: ORE TO BE MINED IN REMAINDER OF 1971

Attached is a brief summary and diagram of likely sources of mill feed per month from today until December 31, 1971. As far as can be seen, very little Low Grade stockpiling will be necessary, if any.

*P.M. Pettigrew*

P. M. Pettigrew  
Ore Control Geologist

cc. J. W. Mossop  
H. Grenier

PMP/pp

17,000 E

3990  
60,000 TONS  
8%

3870  
50,000 TONS  
14%

4030  
50,000 TONS 11%

3990

3950  
~80,000 10%  
could be  
used with  
80,000 13%  
3870

3870  
120,000 TONS  
10%

3950  
100,000 TONS  
10%

3910  
190,000 TONS  
12%

3870  
160,000 TONS  
13%

10000N

1" = 100'

MONTH	BENCH	GRADE	TONS	DAYS	H. FEED	SCALE	COMMENTS
September	3870	14%	7,000	2	11%	20	← USING 1 TO 1 DILUTION WITH LGSP ← AS AVERAGE HEAD FEED TO DATE IS HIGH, 10% AND 9% ARE REQUIRED FOR 6 AND 1 DAYS RESPECTIVELY
		10%	51,000	7	10%		
					↓	21	
October	3990 } 4030 }	11%	50,000	6	11%	5	THIS QUANTITY IS A REASONABLE GUESS BUT WILL REQUIRE SORTING. OTHERWISE HGS  REQUIRES HG FROM 3870 TO BE CONSERVED AS 3950 ORE WILL VARY FROM SLIGHTLY UNDER 10% THROUGH TO 11%
		3950	10%	110,000	22		
	3870	14%	50,000				
November	3990	8%	50,000	38	11%	21	BY CONSERVING "HIGHER GRADE LG" ORE ON 3990 AND 3870 IT COULD BE POSSIBLE TO EXTEND LIFE OF 3910 FROM 30 DAYS (USING 6% LGSP) TO 38 DAYS
	3870	10%	50,000				
	3910	12%	190,000				
December						4	← USING BALANCE OF 3870 10% USED IN NOVEMBER AND ALREADY DEVELOPED 13% ON 3870 SIMULTANEOUSLY  ← 160,000 TONS ARBITRARILY CUT OFF FROM SOMEWHAT LARGER TONNAGE TO ROUND OFF YEAR
	3870	10%	20,000	5	11%		
	3870	13%	20,000				
	3950	10%	80,000	22	11%		
	3870	13%	80,000			9	
						31	

NOTE: 1. IF TONNAGES AND GRADES FALL SOMEWHAT SHORT OF THAT PREDICTED THERE IS AT PRESENT ALMOST 15 DAYS OF 11% FEED ON HGSP  
2. 'DAYS OF MILL FEED' BASED ON 7500 TONS/DAY TO MILL