

003266

To Henry Hong

From J. W. Mustard

Subject REMOVAL OF WASTE FROM NORTH WALL

Date November 23, 1977

Attached is a table showing the tonnages and grades expected by removing a slice along the north-east wall.

Tonnages are given for the two different slopes ($38\ 1/2^\circ$ and $36\ 1/2^\circ$) by bench. The 2° slope difference does not significantly increase the tonnage or grades recovered.

The following parameters were used:

- (1) 1977 Tonnage and Grade Model
- (2) August 1, 1977 Pit Status
- (3) 3.50 SDT/BCY



J. W. Mustard
Mine Geologist

JWM/mn

Attach.

<u>Bench</u>	<u>Tonnage (38 1/2° Slope)</u>	<u>Tonnage (36 1/2° Slope)</u>	<u>% Pb</u>	<u>% Zn</u>	<u>% Comb.</u>
3790	37,592	37,592	1.6	5.2	6.8
3770	54,833	56,475	2.5	6.4	8.9
3750	49,389	49,389	2.6	6.9	9.5
3730	64,944	64,944	1.3	4.3	5.6
3710	79,981	79,981	1.9	4.4	6.3
3690	94,759	94,759	3.1	6.9	10.0
3670	110,833	110,833	2.9	6.0	8.9
3650	10,111 <i>105,111</i>	10,111 <i>105,111</i>	2.6	6.6	9.2
3630	79,222	79,222	1.6	4.0	5.6
3610	200,926	200,926	1.7	4.2	5.9
3590	186,537	186,537	2.1	5.2	7.3
3570	91,475	91,475	2.0	5.3	7.3
3530*	73,889	73,889	1.4	3.8	5.2
3510	202,222	202,222	2.6	5.3	7.9
3490	176,556	176,556	2.0	4.6	6.6
3470	179,537	179,537	1.7	3.1	4.8
3450	114,463	122,241	2.3	4.0	6.3
3430	281,426	293,093	2.1	3.5	5.6
3410	61,055	61,055	1.7	4.0	5.7
3390	<u>168,389</u>	<u>168,389</u>	<u>2.4</u>	<u>5.6</u>	<u>8.0</u>
	2,318,139	2,339,226	2.1	4.7	6.8
	<i>2,409,139</i>	<i>2,430,226</i>			

* No ore recovered on the 3550 bench.