

To

J. C. Devitt

Date

June 1, 1977

-002377

From

J. W. Mustard

Subject SOURCE OF MILL FEED PREDICTED FOR THE MONTH OF JUNE.  
OVERALL REDUCTION OF 0.2% Zn. ASSUMED MILLING RATE  
OF 10,000 SDT/DAY.

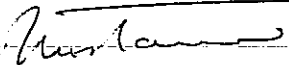
May 5th. Prediction:

<u>Source</u>	<u>Tons</u>	<u>% Pb</u>	<u>% Zn</u>	<u>Data Source</u>
3850	50,000	2.6	7.6	Model
3690	182,818	2.9	4.5	Model
3670	<u>67,182</u>	<u>4.6</u>	<u>6.3</u>	Model
	300,000	3.23	5.22	

May 25th. Prediction:

<u>Source</u>	<u>Tons</u>	<u>% Pb</u>	<u>% Zn</u>	<u>Data Source</u>
3690	23,774	3.5	5.5	Blasthole Assays
3850	50,000	2.2	5.5	Blasthole Assays
3690	<u>226,226</u>	<u>3.07</u>	<u>4.27</u>	Model - Incorporates Test Hole Data
	300,000	2.96	4.39	

The variance of -8% for Pb and -16% for Zn is accounted primarily for by the change in source (no 3670 material was included in the May 25th. prediction). Grades for 3850 and 3670 have been revised to reflect current information.

  
J. W. Mustard  
Mine Geologist

JWM/mm

cc. D. Marr

To

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Subject FEED GRADES FOR MAY AND JUNE

Estimated feed grades for month to date (May 24) are as follows:  
Grades and tonnages are from blasthole maps.

<u>Bench</u>	<u>Tons</u>	<u>% Pb</u>	<u>% Zn</u>
3850	28,500	2.7	5.2
3720	122,500	2.57	4.75
3690	<u>72,274</u>	<u>3.5</u>	<u>5.3</u>
	223,274	2.9	5.0

Estimated feed grades for the remainder of May (May 25 - 31):  
Grades and tonnages from blasthole maps.

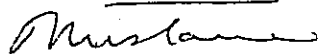
<u>Bench</u>	<u>Tons</u>	<u>% Pb</u>	<u>% Zn</u>
3850	11,500	2.2	5.5
3690	<u>48,500</u>	<u>3.5</u>	<u>5.5</u>
	60,000	3.2	5.5

Total estimated feed grade for month of May:

<u>Tons</u>	<u>% Pb</u>	<u>% Zn</u>
283,274	2.96	5.1

Estimated feed grades for June are as follows: Milling rate  
of 10,000 SDT/Day.

<u>Tons</u>	<u>% Pb</u>	<u>% Zn</u>
300,000	2.96	4.39

  
J. W. Mustard  
Mine Geologist

cc. D. Marr

**CYPRUS ANVIL**

1.	7,158.00	3.50	5.70
2.	14,446.00	4.10	5.30
3.	17,082.00	3.50	5.70
4.	24,572.00	4.10	5.30
5.	31,175.00	4.10	3.20
6.	22,685.00	2.80	4.70
7.	2,080.00	2.60	4.10
8.	856.00	2.60	4.10
9.	21,674.00	1.60	2.50
10.	31,940.00	1.90	2.40
11.	4,018.00	4.20	6.90
12.	4,083.00	2.80	4.30
13.	6,482.00	2.80	4.70
14.	17,284.00	4.10	5.30
15.	20,691.00	1.90	5.10
.....	226,226.00	3.07	4.27

1.	23,774.00	3.50	5.50
2.	50,000.00	2.20	5.50
3.	7,158.00	3.50	5.70
4.	14,446.00	4.10	5.30
5.	17,082.00	3.50	5.70
6.	24,572.00	4.10	5.30
7.	31,175.00	4.10	3.20
8.	22,685.00	2.80	4.70
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14.	4,083.00	2.80	4.30
15.	6,482.00	2.80	4.70
16.	17,284.00	4.10	5.30
17.	20,691.00	1.90	5.40
.....	300,000.00	2.96	4.59

WIL MINING CORPORATION

K = 25,925.93 @ 3.50 T/BCY

ORE RESERVES ZONE

3690

Bench

May 25

Page \_\_\_\_\_ of \_\_\_\_\_

Drill Hole	Area Units	Tons (A.U. x K*)	O R E			Remarks	Yards (A.U.xC*)	W A S T E		Total Yards
			Grade					Area Units	Yards (x7407.4)	
			Pb	Zn	Comb					
		Feed	Grade			(June-300,000)				
3690		23774	35	55		Blasted				
850		50000	22	55		Blasted				
66-8		7158	35	57		3710				
66-8		14446	41	53		3690				
66-8		17082	35	57		3710				
66-8		24572	41	53		3690				
709		31175	41	32		3710				
709		22685	28	47		3690				
72-7		2080	26	41		3710				
72-7		856	26	41		3690				
72-7		24674	16	25		3710				
72-7		31940	19	24		3690				
66-4		4018	42	63		3710				
66-4		4083	28	43		3690				
709		6482	28	47		total.				
72-7		17284	41	53						
66-8		20694	19	54						
		300000	20	4.6						
			(236)	(439)						
Total a*										
Total b*										
Total (a+b)										
Cum Totala										
Cum Totalb										
Total(a+b)										

c = 7407.4, a is ore in red blocks, b in orange blocks.

CIVIL MINING CORPORATION

K = 25,925.93 @ 3.50 T/BCY

ORE RESERVES ZONE

3690

Bench

Page \_\_\_\_ of \_\_\_\_

Drill Hole	Area Units	Tons (A.U. x K*)	O R E			Remarks	Yards (A.U.xC*)	W A S T E		Total Yards
			Grade					Area Units	Yards (x7407.4)	
			Pb	Zn	Comb					
R-15		19444	34	54	✓					
R-16		19444	56	90	✓					
Q-16		19444	50	70	✓					
S-16		19444	23	47	✓					
S-17		9722	21	45	⇒ 70.3					
S-19		19444	26	41	→ 1/2 70.9 ✓					
<del>S-20</del>					1/2 72.7 ✓					
WASTE WITHIN MODEL										
R-18		19444		1/2	→ 70.9 ✓ 66.8 ✓					
S-18		12962		⇒	70.9 ✓					

Page  
Bench

Total a*									
Total b*									
Total (a+b)									
Cum Totala									
Cum Totalb									
Total(a+b)									

c = 7407.4, a is ore in red blocks, b in orange blocks.