

002059

3/1/71

ORE BENCH 3870

PORTION OF BENCH MINED TO JULY 31/71

ORE BLOCK	ORIGINAL DATA				TONNAGE	BENCH DATA			% BLOCK MINED	OCT
	Pb	Zn	Cu	TONNAGE		Pb	Zn	Cu		
66-12	3.1	5.5	8.6	188,555		4.0	6.5	10.5	30	
66-44	8.0	10.7	18.7	210,254		4.0	7.0	11.0	24	
* 65-11	6.7	7.4	14.1	235,694		4.3	7.4	11.7	47	
* 70-6	4.8	7.9	12.7	137,440		3.2	5.9	9.1	65	
OUTSIDE 1/2 BENCH	-	-	-	-		3.8	6.0	9.8	-	
				97,1943					288262	
TONNAGE X	4,505,414	6,116,662	10,622,096							
Avg GRADE	5.8	7.9	13.8			3.7	6.5	10.2		

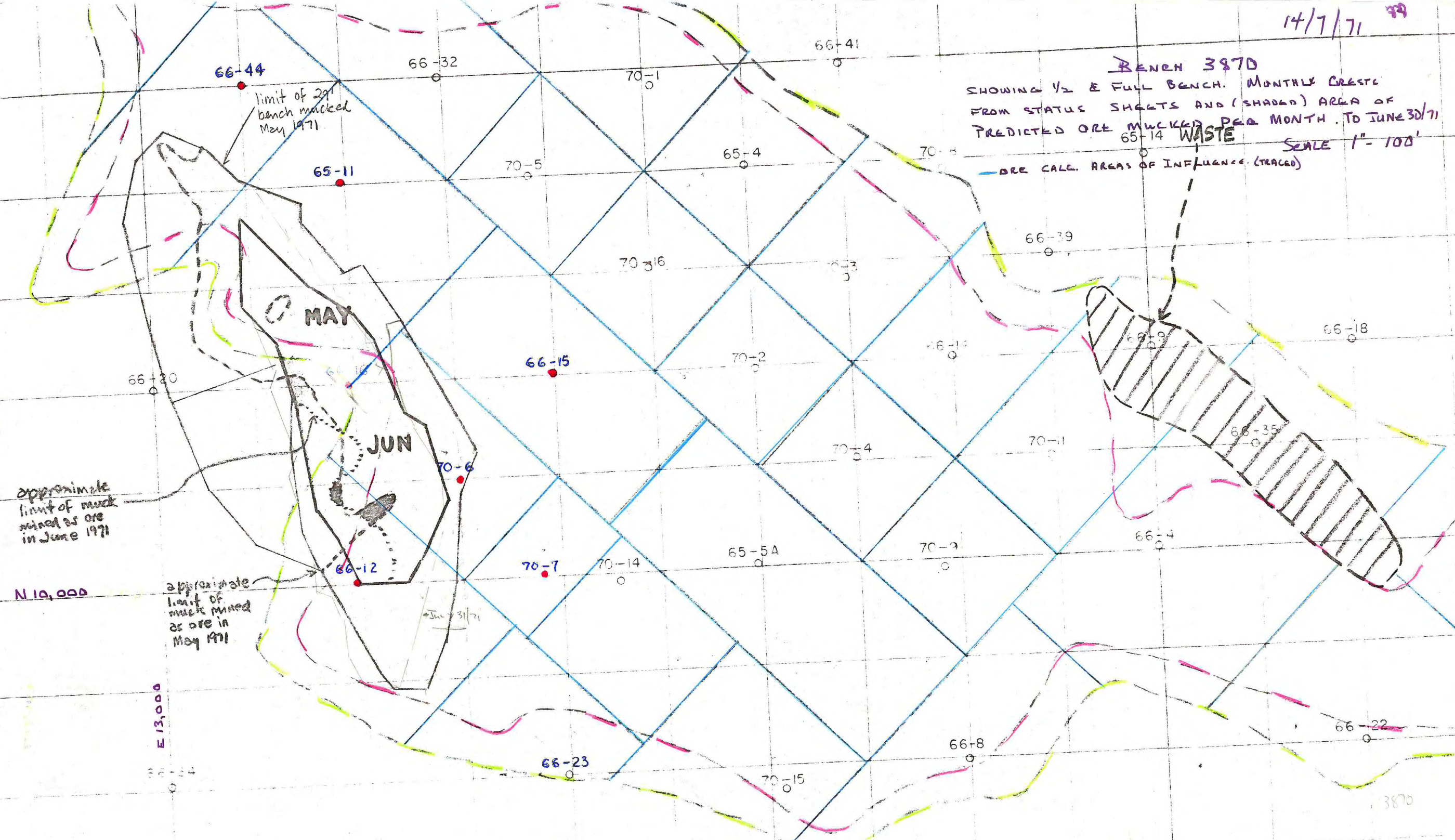
14/7/71 79

BENCH 3870

SHOWING 1/2 & FULL BENCH. MONTHLY CRUSTE FROM STATUS SHEETS AND (SHADDED) AREA OF PREDICTED ORE MUCKED PER MONTH. TO JUNE 30/71

SCALE 1" = 100'

— ORE CALL. AREAS OF INFLUENCE. (TRACED)



limit of 2nd bench mucked May 1971

approximate limit of muck mined as ore in June 1971

approximate limit of muck mined as ore in May 1971

N 19,000

E 13,000

3870 ORE BENCH

ORIGINAL ORE RESERVE CALC. DATA (July 15/70)

<u>ADH</u>	<u>AD</u>	<u>Zn</u>	<u>CoMB.</u>	<u>TONNAGE</u>
66-12	3.1	5.5	8.6	188,555
* 66-23	5.6	9.1	14.7	88,932
66-44	8.0	10.7	18.7	210,254
65-11	6.7	7.4	14.1	235,694
* 66-15	5.5	6.4	11.9	188,445
70-6	4.8	7.9	12.3	137,440
(off 70-14)* 70-7	5.2	8.6	13.8	59,929
70-14	5.2	8.6	13.8	106,541
Same as 70-14 70-15	5.2	8.6	13.8	120,466
65-5A	6.0	6.7	? 6.0? 12.7	235,556
(Same as 66-44) 66-25	8.0	10.7	18.7	98,019
66-32	3.6	3.9	7.5	145,532
70-5	3.3	6.5	9.8	94,222
70-16	2.7	6.5	9.2	94,222
70-2	2.0	3.1	5.1	94,222
70-4	2.2	4.2	6.4	94,222
70-9	2.5	5.1	6.4 7.6	94,222
70-1	2.8	6.6	9.4	124,955
65-4	3.7	6.2	9.9	105,501
70-3	4.6	9.2	13.8	126,452
66-14	2.6	3.7	6.3	120,840
70-11	2.0	6.2	8.2	140,668
66-8	4.1	6.2	10.3	138,424
66-4	2.1	4.3	6.4	290,315
66-22	2.5	4.3 2.9	5.4	215,866
65-7	2.4	6.2	8.6	264,501

* Not Mined by July 31/71.

D.D. Hole 65-11

Grade Pb 6.7 Zn 7.4 Comb. 14.1

Tons 235,694

Blast	Hole	Pb	Zn
	8818	5.9	6.5
	22	4.4	7.0
	8895	4.5	8.3
	96	5.4	9.3
	97	3.2	6.3
	98	3.6	6.8
	99	4.7	8.3
	8900	4.5	8.0
	01	4.2	7.9
	8904	3.8	6.3
	05	3.2	6.7
	06	2.7	6.8
	07	6.1	7.5
	08	3.5	5.6
	09	4.9	6.3
	10	3.7	6.2
	11	4.9	6.0
	12	3.6	5.8
	13	5.7	8.0
	14	3.8	6.6
	15	3.9	5.7
Sub-Totals	1 Holes 21	90.2	145.9

Blast	Hole	Pb	Zn
	16	4.3	6.4
	17	5.2	6.2
	18	5.1	8.1
	19	2.6	6.2
	20	4.9	13.9
	21	5.4	9.7
	22	3.7	8.4
	8923	3.5	7.8
	34	4.2	8.5
	35	3.0	8.1
	36	4.3	8.9
	37	3.7	8.6
	38	6.0	8.5
	39	5.3	7.4
	40	3.9	6.2
	41	3.5	7.2
	42	5.5	8.0
	5195	2.7	5.1
	96	5.0	7.7
Sub-Totals	2 Holes 19	81.8	150.9

Blast	Hole	Pb	Zn
3	Holes 0		
1	21	90.2	145.9
2	19	81.8	150.9
Page Total	40	172.0	296.8

Average Pb 4.3 Zn 7.4 Combined 11.7

Actual Tons Ore Mined _____

Page Total ---

Remarks:

ORE FLOOR COMPARISON SHEET

3870 Bench

Date 3/7/71

D.P. Hole 66-12

Grade Pb 3.1 Zn 5.5 Comb. 8.6

Tons 188,555

Blast Hole	Pb	Zn	
8974			
8999	4.9	6.4	
9000	2.4	3.8	
9601	2.0	4.8	
5			
6			
18	5.7	6.6	
19	2.8	6.1	
20	1.8	4.5	
24	2.6	4.5	
25	1.8	3.8	
26	3.2	5.2	
27	3.4	6.3	
28	2.9	5.0	
29	2.6	5.7	
30	3.6	6.1	
34	3.6	6.3	
35	2.3	6.4	
36	2.5	5.4	
Sub-Totals	1 Holes 16	48.1	86.9

Blast Hole	Pb	Zn	
37	1.9	5.9	
38	3.9	5.4	
39	4.2	5.8	
40	5.3	7.7	
41	7.0	9.6	
42	5.8	6.0	
43	4.8	7.0	
44	6.0	8.5	
45	4.7	8.3	
46	4.5	7.3	
47	4.7	8.1	
48	6.2	8.3	
49	5.5	9.3	
50	6.0	10.1	
51	4.8	8.1	
52	5.9	9.4	
53	6.1	9.6	
54	5.6	8.0	
55	5.8	8.7	
Sub-Totals	2 Holes 19	98.7	151.1

Blast Hole	Pb	Zn	
9694			
96			
9706			
9707	3.9	5.9	
9710			
11			
9712	1.5	3.8	
13			
14			
15			
16	1.9	3.6	
17			
18			
19			
20			
21	1.9	3.1	
22	2.1	4.3	
Sub-Totals	3 Holes 5	11.3	20.7
1	16	48.1	86.9
2	19	98.7	151.1
Page Total	40	158.1	258.7

Average Pb 4.0 Zn 6.5 Combined 10.5

Actual Tons Ore Mined _____

Page Total ---

Remarks: