

ORE BENCH 3950

002030

31/7/71

PORTION OF BENCH MINED TO JULY 31/71

ORIGINAL D.D. HOLE DATA

BLAST HOLE DATA

ORE BLOCK	Pb	Zn	CoMB	TONNAGE	Pb	Zn	CoMB	EST. % OF BLOCK MINED EST. TONNAGE
✓ 66-20	6.3	8.7	15.0	233,824	4.6	7.0	11.6	95
✓ 66-16	5.9	8.2	14.1	270,861	5.7	7.4	13.1	100
66-25	3.5	4.9	8.4	58,292	5.9	7.8	13.7	18
✓ 66-44	3.8	5.1	8.9	94,222	5.9	7.6	13.5	90
✓ 65-11	4.7	5.6	10.3	141,334	4.6	6.2	10.8	100
* 66-15	4.0	7.1	11.1	172,842	3.7	6.5	10.2	69
* 66-32	4.1	5.8	9.9	156,381	4.5	5.6	10.1	40
70-5	4.5	6.5	11.0	94,222	4.4	5.9	10.3	24
OUTSIDE 1/2 BENCH	-	-	-		3.7	5.9	9.6	
TONNAGE X	6,159,036	8,706,593	14,865,629	1,251,978			TONNAGE MINED	89,6800
Ave. GRADE	4.9	7.0	11.9		4.8	6.7	11.5	

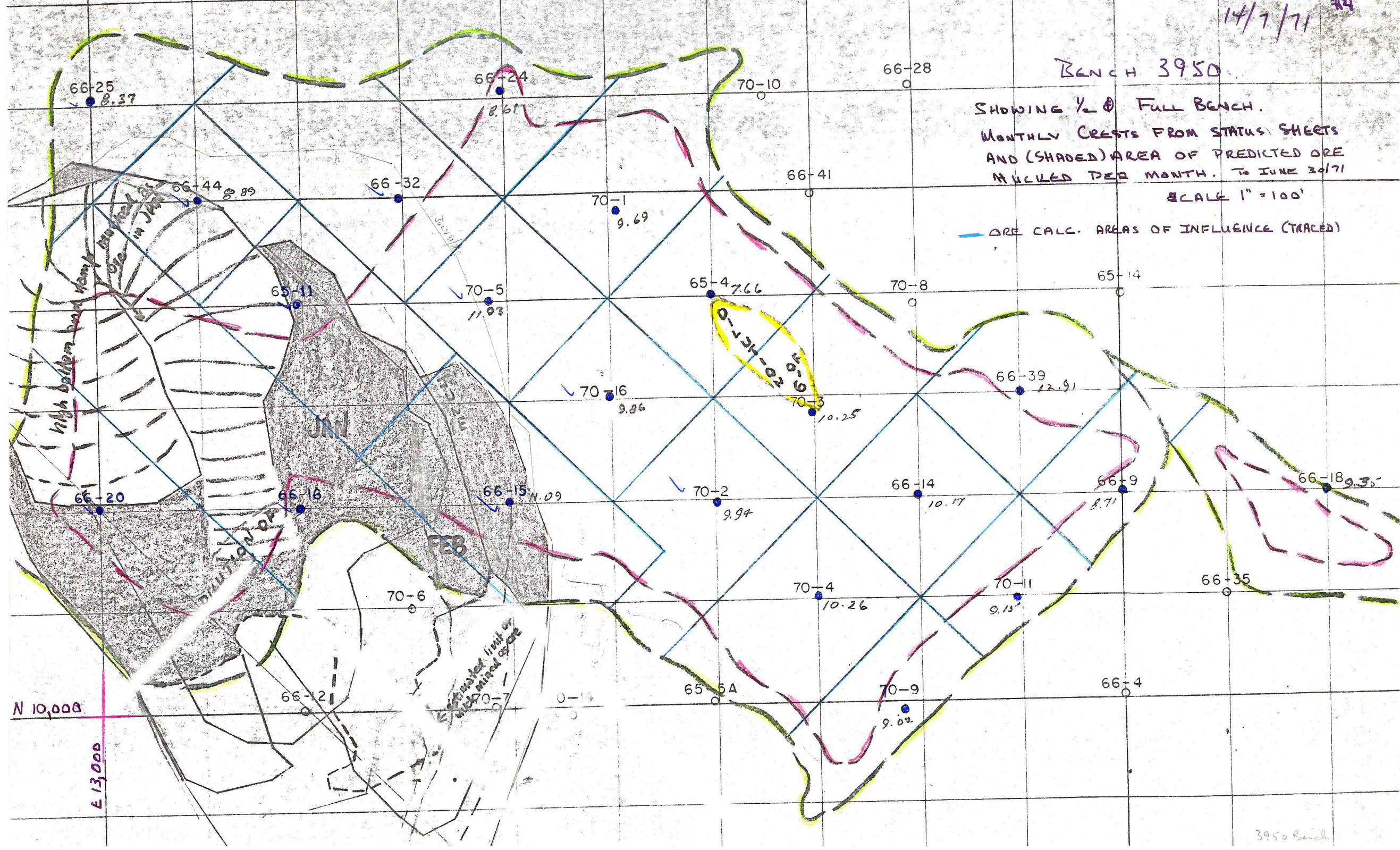
14/7/71

BENCH 3950

SHOWING 1/2 @ FULL BENCH.
MONTHLY CRESTS FROM STATUS SHEETS
AND (SHADED) AREA OF PREDICTED ORE
MULDED PER MONTH. TO JUNE 30/71

SCALE 1" = 100'

— ORE CALC. AREAS OF INFLUENCE (TRACED)



31/7/71

3950 ORE BENCH.

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

DDH.	Pb.	Zn	Zn	Comb.	TONNAGE.
✓ 66-20	6.3	8.7		15.0	233,824
✓ 66-16	5.9	8.2		14.1	270,861
✓ 66-25	3.5	4.9		8.4	88,292
✓ 66-44	3.8	5.1		8.9	94,222
✓ 65-11	4.7	5.6		10.3	141,334
✓ 66-15	4.0	7.1		11.1	172,842
✓ 66-32	4.1	5.8		9.9	156,381
✓ 70-5	4.5	6.5		11.0	94,222
* 70-16	3.1	6.8		9.9	94,222
70-2	3.3	6.6		9.9	117,847
70-4	3.6	6.7		10.3	129,445
70-9	3.3	5.7		9.0	82,680
66-24	2.5	6.1		8.6	82,306
70-1	2.9	6.8		9.7	139,172
65-4	1.8	5.8		7.6	109,991
70-3	2.0	8.2		10.2	116,724
66-14	4.3	5.9		10.2	94,222
70-11	2.2	7.5		9.2 9.7	62,478
66-39	3.4	9.5		12.9	99,889
66-9	2.8	5.9		8.7	74,075
66-18	3.3	6.1		9.4	129,445
65.7	1.8	4.0		5.8	28,058
66-12	4.5	7.5		12.0	673

 $\Sigma Pb \times T$ $\Sigma Zn \times T$ $\Sigma Comb \times T$ 2,613,880

Ave.

ORE BLOCK COMPARISON SHEET

3950 Bench

loc 2

Date 31/7/71

D.D. Hole 66-20

Grade Pb Zn Comb.

Tons

Blast	Hole	Pb	Zn
	7086	5.9	7.5
	87	5.9	8.5
	88	6.0	8.1
	7194	4.9	7.0
	95	6.2	8.5
	96	6.8	8.6
	97	6.4	8.3
	98	6.0	8.2
	99	5.6	8.0
	7209	3.9	8.9
	10	4.9	7.6
	11	5.9	9.2
	12	6.1	7.6
	13	6.5	9.0
	14	7.0	9.1
	15	5.4	7.4
	7266	5.9	7.8
	67	4.5	6.5
	68	6.2	8.2
	70	4.5	7.2
Sub-Totals	1 Holes 20	114.5	161.2

Blast	Hole	Pb	Zn
	71	4.7	6.5
	72	5.0	7.0
	73	5.4	7.2
	75	4.8	7.1
	76	5.5	8.0
	77	5.3	6.8
	78	5.8	8.5
	80	4.5	7.3
	81	5.0	8.0
	82	6.4	8.6
	83	5.3	8.0
	7284	6.6	9.6
	85	5.9	8.9
	86	3.8	5.6
	87	3.8	5.6
	88	5.3	7.3
	89	6.7	9.6
	90	4.5	6.6
	93	4.6	6.9
	94	6.7	8.3
Sub-Totals	2 Holes 20	105.6	151.4

Blast	Hole	Pb	Zn
	98	5.2	8.1
	96	5.0	8.4
	97	5.5	9.1
	98	6.1	9.7
	99	4.2	6.8
	7317	3.9	6.7
	18	4.1	6.7
	19	3.4	5.7
	20	5.4	7.1
	21	4.2	6.2
	22	5.1	6.5
	23	6.8	7.8
	24	6.6	8.7
	25	3.4	5.1
	26	3.4	8.0
	27	3.4	5.6
	28	2.9	4.3
	29	2.6	5.0
	30	2.6	4.7
	31	3.1	4.9
	32	4.6	6.8
	33	4.1	6.3
Sub-Totals	3 Holes 22	95.6	148.2

Average Pb 4.6 Zn 7.0 Combined 11.6

Actual Tons Ore Mined

Remarks:

Page Total	Holes	Pb	Zn
1	20	114.5	161.2
2	20	105.6	151.4
Σ Pz 2	62	315.7	460.8
	52	208.5	337.6
	114	524.2	798.4

ORE BLOCK COMPARISON SHEET

3950

Bench

2 of 2

Date _____

D.D. Hole 66-20

Grade Pb _____ Zn _____

Comb. _____

Tons _____

Blast	Hole	Pb	Zn
	7334	5.5	7.4
	35	5.9	7.6
	36	5.9	7.7
	37	4.7	7.2
	39	5.1	6.6
	39	6.8	8.1
	40	5.4	7.0
	41	2.9	4.7
	42		
	43	2.8	4.6
	7363	3.6	5.8
	64	5.4	7.8
	65	3.6	6.3
	66	4.5	6.9
	67	3.0	5.3
	68		
	69	4.2	8.0
	90	6.1	10.2
	91		
	92	5.1	10.9
	73	3.5	7.1
Sub-Totals	1 Holes 18	84.0	129.2

Blast	Hole	Pb	Zn
	74	3.0	5.5
	78	2.6	4.4
	76	4.7	6.8
	77	4.2	6.9
	78	4.8	7.2
	79	4.4	7.5
	80	5.4	7.8
	81	2.8	4.2
	82	4.5	7.6
	83	3.0	5.4
	84	4.5	7.5
	85	5.5	8.7
	86	4.6	8.2
	87	3.3	5.2
	88		
	89	2.3	3.8
	90		
	91	2.6	4.4
	92		
	93	2.9	4.5
Sub-Totals	2 Holes 17	65.1	105.6

Blast	Hole	Pb	Zn
	74	2.2	3.7
	75		
	46	3.7	6.5
	7413	3.0	5.4
	14	3.5	8.4
	15	2.8	4.9
	16	3.8	6.2
	17	8.2	10.4
	18	6.2	9.1
	19		
	20	3.3	5.7
	21		
	7394	5.1	7.8
	95	1.6	3.5
	96	1.7	4.1
	97	3.3	5.5
	98	4.4	7.1
	99	3.6	5.2
	100		
	7568	1.2	5.8
	69	1.8	3.5
Sub-Totals	3 Holes 17	59.4	102.8
	1	18	84.0 129.2
	2	17	65.1 105.6
Page Total	---	52	208.5 337.6

Average Pb _____ Zn _____ Combined _____

Actual Tons Ore Mined _____

Remarks:

ORE BLOCK COMPARISON SHEET

3950 Bench

Date 31/7/71

D.D. Hole 66-16

Grade Pb Zn Comb.

Tons

Blast	Hole	Pb	Zn	
	48	4.5	5.2	
	70 49	3.7	4.3	
	50	5.5	7.7	
	51	5.4	7.5	
	52	6.4	7.8	
	54	6.6	7.6	
	55	5.3	7.5	
	56	5.9	8.2	
	53 56			
	57	6.5	6.6	
	58	6.2	7.9	
	59	6.4	7.9	
	60	5.7	6.5	
	61	4.9	7.3	
	62	5.7	7.4	
	63	5.2	6.8	
	64	5.4	7.1	
	65	6.0	6.5	
	66	6.2	6.8	
	67	5.6	6.5	
	68	5.8	6.6	
	69	6.7	8.2	
	70	5.0	8.1	
Sub-Totals	1	22	124.6	156.0

Blast	Hole	Pb	Zn	
	71	6.6	7.2	
	72	7.2	8.0	
	73	5.9	8.2	
	74	6.7	8.8	
	75			
	77	5.4	6.5	
	78	5.4	6.9	
	79	5.2	6.7	
	80	5.0	6.4	
	81	5.2	6.4	
	82	5.1	7.8	
	83	5.6	7.3	
	84	6.1	8.0	
	85	5.9	8.0	
	89	6.3	7.9	
	90	6.6	8.6	
	91	7.0	7.9	
	92	4.9	5.3	
	93	4.4	5.1	
	94	6.5	7.8	
	95	5.9	7.5	
	96	4.5	5.9	
Sub-Totals	2	21	121.4	152.3

Blast	Hole	Pb	Zn	
	97	3.9	4.4	
	98	3.6	4.4	
	99	6.3	8.0	
	100	6.0	7.9	
	1	4.4	5.0	
	2	5.7	5.5	
	3	4.9	6.6	
	4	5.1	7.3	
	5	3.2	4.5	
	6	6.1	7.1	
	7	6.3	7.0	
	26	6.1	6.5	
	27	5.9	6.2	
	28	7.0	7.6	
	29	5.6	6.3	
	30	5.3	7.2	
	31	8.3	11.1	
	32	6.3	6.7	
	36	6.8	9.5	
	37	6.2	8.3	
	38	6.3	7.9	
	39	6.7	7.2	
Sub-Totals	3	22	126.0	152.2

Average Pb 5.7 Zn 7.4 Combined 13.1

Actual Tons Ore Mined

Remarks:

Page Total	Holes	Pb	Zn
---	65	372.0	460.5
Σ Pb 2	61	377.9	481.9
Σ Pb 3	21	90.5	139.2
	147	840.4	1081.6

ORE BLOCK COMPARISON SHEET

3950 Bench

2 OF 3

Date 3/7/74

D.D. Hole 66-16

Grade Pb

Zn

Comb.

Tons

Blast	Hole	Pb	Zn
	7140	6.3	9.7
	41	7.7	10.3
	42	6.9	9.8
	43	7.3	10.5
	44	6.8	8.1
	45	6.6	7.8
	46	5.7	7.1
	47	6.8	8.7
	48	7.4	9.5
	49	6.3	7.7
	50	6.5	8.5
	51	6.9	8.6
	52	5.6	7.4
	53	2.8	4.3
	54	6.4	7.7
	55	9.1	11.5
	56	8.8	10.1
	57	6.9	9.6
	58	4.4	6.6
	59	4.5	4.3
	64	5.9	7.7
	65	5.3	6.1
Sub-Totals	1 Holes 22	140.9	181.6

Blast	Hole	Pb	Zn
	7166	5.7	6.7
	67	5.0	5.7
	68	5.5	6.3
	69	7.4	7.9
	70	7.2	7.3
	91	8.0	8.4
	72	6.7	7.7
	1199	7.0	9.6
	80	7.4	9.5
	81	5.8	6.4
	82	7.4	8.4
	83	8.4	9.8
	84	5.0	5.4
	85	7.0	9.0
	86	6.8	6.2
	88	6.5	8.4
	89	7.0	9.5
	90	6.4	9.6
	91	4.2	6.8
	92	4.2	5.7
	93	4.4	6.6
Sub-Totals	2 Holes 21	133.0	160.9

Blast	Hole	Pb	Zn
	7200	6.9	9.7
	01	5.6	8.9
	2	6.0	8.2
	3	6.3	10.2
	7249	6.4	7.6
	50		
	51	5.9	9.2
	7264	5.4	7.6
	65	5.6	8.2
	69	5.3	7.3
	74	5.4	7.3
	79	5.8	7.9
	7462	6.2	6.1
	7464	5.6	6.6
	70	4.7	6.7
	71	6.6	7.8
	72	5.7	7.4
	77	5.4	6.5
	48	5.8	7.3
	76	5.1	6.3
	77		
Sub-Totals	3 Holes 18	104.0	139.4
1	22	140.9	181.6
2	21	133.0	160.9
Page Total	61	377.9	481.9

Average Pb _____ Zn _____ Combined _____

Actual Tons Ore Mined _____

Remarks:

ORE BLOCK COMPARISON SHEET

3950 Bench

Date 31/7/71

D.D. Hole 66-44

Grade Fb

Zn

Comb.

Tons

Blast	Hole	Fb	Zn
	7173	6.5	7.3
	74	6.3	7.1
	75	6.0	7.6
	76	6.3	8.6
	77	6.1	8.5
	78	7.4	10.3
	7234	7.1	8.4
	35	8.9	10.8
	36	6.5	7.9
	37	8.2	8.7
	38	5.4	9.3
	39	6.9	9.9
	40	7.4	10.2
	45	5.4	5.8
	46	7.6	8.6
	47	6.7	7.9
	48	6.2	8.3
	9897	4.9	5.8
	9933	5.5	7.2
	34	6.2	7.4
	35	6.4	7.7
Sub-Totals	1 Holes 21	137.9	173.3

Blast	Hole	Fb	Zn
	36	3.0	4.0
	38	4.6	6.9
	39	7.2	7.5
	40	5.6	6.7
	41	6.2	6.8
	42	4.3	5.7
	43	5.9	6.6
	44	3.7	6.4
	45	7.3	9.4
	46	5.7	9.3
	54	5.3	6.9
	59	4.0	3.8
	60	4.0	3.8
	61	4.0	3.8
	63	2.3	4.2
	64	3.6	8.1
Sub-Totals	2 Holes 14	68.7	92.3

Blast	Hole	Fb	Zn
Sub-Totals	3 Holes		
	1	21	137.9 173.3
	2	14	68.7 92.3
Page Total	---	35	206.6 265.6

Average Fb 5.9 Zn 7.6 Combined 13.5

Actual Tons Ore Mined _____

Remarks:

ORE ~~COMPARISON~~ SHEET

3950

Bench

Date 5/7/71

D.D. Hole Outside 1/2 Bench

Grade Pb

Zn

Comb.

Tons

Blast Hole	Pb	Zn
7204	4.0	5.7
5	3.2	5.1
6		
7	2.1	3.8
8	4.0	4.7
7252	4.9	10.1
53	0.7	12.3
54	1.0	8.4
7291	3.8	6.4
92	4.5	6.6
74		
83		
7447	2.2	3.4
88		
89		
50	3.9	5.0
51		
52	2.5	3.9
53		
54	3.9	6.3
55	1.6	3.4
Sub-Totals	Holes 14	42.3 85.1

Blast Hole	Pb	Zn
74		
04	6.5	8.4
05	3.1	3.8
06		
07	1.4	3.6
08	2.3	3.7
09	5.2	8.0
10	2.7	4.7
11		
12	2.4	4.5
7564	4.3	5.9
85		
67		
7657	5.1	6.9
58	4.8	6.5
59	5.5	7.0
7690	4.7	6.2
91	2.1	5.2
92	3.3	5.0
93	2.9	5.0
94	4.2	5.8
95	4.8	6.2
Sub-Totals	Holes 2	65.3 96.4

Blast Hole	Pb	Zn
96	5.3	6.8
97		
98	2.6	3.8
99		
7700	2.5	4.5
01	2.4	4.3
02	6.1	8.7
03	4.8	10.4
04	6.3	7.7
05	2.1	3.4
06	2.5	4.4
07	4.5	4.8
10	2.1	3.6
11	2.7	3.7
12	1.9	3.7
13	2.8	4.0
14	3.1	4.1
15	5.2	7.0
16		
17		
18		
Sub-Totals	Holes 3	56.9 84.9
1	14	42.3 85.1
2	17	65.3 96.4
Page Total	47	164.5 266.4
Pc2	22	93.2 140.9
	69	257.7 407.3

Average Pb 3.7 Zn 5.9 Combined 9.6

Actual Tons Ore Mined _____

Remarks:

Page Total ---
Pc2

D.D. Hole _____

Grade Pb _____ Zn _____

Comb. _____

Tons _____

Blast Hole	Pb	Zn
7779		
20	3.3	4.7
21	3.3	8.1
22		
23	2.6	3.8
24		
25	2.2	3.9
26	3.6	5.2
27	5.9	9.7
28	5.4	7.9
7737	3.9	3.9
38		
39	4.0	5.6
40	4.2	6.3
41	7.1	9.2
42	4.9	7.4
43	5.1	8.5
44		
45		
46		
47	4.7	5.5
48	5.3	8.2
Sub-Totals 1	Holes 15	65.5 97.9

Blast Hole	Pb	Zn
49	5.2	7.7
7788		
89		
90		
91	2.7	4.3
92	3.3	4.8
93	6.7	8.9
94	3.0	5.7
95	3.4	7.4
96	3.4	4.2
97	5.0	8.0
98	6.5	9.7
99	5.9	8.2
100	3.2	5.0
101	1.7	3.5
102	5.5	8.1
103	4.9	7.4
104	4.2	6.0
105		
Sub-Totals 2	Holes 7	27.7 43.0

Blast Hole	Pb	Zn
Sub-Totals 3	Holes 0	
1	15	65.5 97.9
2	7	27.7 43.0
Page Total	22	93.2 140.9

Average Pb _____ Zn _____ Combined _____

Actual Tons Ore Mined _____

Page Total --- 22 93.2 140.9

Remarks:

ORE BLOCK COMPARISON SHEET

3950

Bench

Date 31/7/71

D.D. Hole 70-16

Grade Pb Zn

Comb.

Tons

Blast	Hole	Pb	Zn
	10013		
	14		
	15		
	16		
Sub-Totals		1	Holes

data not available yet

Blast	Hole	Pb	Zn
Sub-Totals		2	Holes

Blast	Hole	Pb	Zn
Sub-Totals		3	Holes
		1	
	2		
Page Total		---	

Average Pb Zn Combined

Actual Tons Ore Mined

Page Total ---

Remarks: