

5/7/71

ORE BENCH 4100

PORTION OF BENCH MINED TO JULY 31/71

ORIGINAL D.D. HOLE DATA

ONE BLOCK

Pb

Zn

COMB

TONNAGE

Pb

Zn

COMB

EST % OF  
BLOCK MINED

NO HOLE

5.0?

7.5?

12.5

81863

3.7

6.1

9.8

100

66-1

6.4 (6.8)

10.6 (10.9)

17.0 (17.7)

109940

3.5

5.8

9.3

100

66-25

4.8 (5.0)

6.3 (6.3)

11.1 (11.3)

171704

3.1

5.3

8.4

100

OUTSIDE BLOCK

-

-

-

-

2.4

5.5

7.9

-

2015,427

2894054

4909481

363507

TONNAGE -

1937,110

2,861,072

4,798,182

TONNAGE MINED

300,745

AVE GRADE

5.3

7.9

13.2

3.0

5.7

8.7

(5.5)

(8.0)

(13.5)

REVISED D.D. HOLE DATA

002004





4100 ● RE BENCH

COMB 11.6 Ton. 666,483

DDW	TON	Ab.	Pu x Th.	Zn	Zn x Ton
66-28	163,141	2.2	358,910	4.4	717,820
66-38	139,835	3.1	433,489	10.0	1,398,350
66-25	171,704	4.8	824,179	6.3	1,081,735
66-1	109,940	6.4?	703,616	10.6?	1,165,364
No Hole	81,863	5.0?	409,315	7.5?	613,973

Σ. 666,483 2,729,509 4,977,242

Ave 4.1 ~~7.5~~ E. 11.6

CHECKING CORE DATA - SEE LOGS.

66-28	SAME			
66-38	-			
66-25	-	474,680	1,616,578	3,197,905
66-1		109,940	745,416	1,198,346
		<u>584,620</u>	<u>2,361,994</u>	<u>4,396,251</u>

4.0

7.5

11.5

ORE BLOCK COMPARISON SHEET

4100 Bench

Date 23/7/71

D.D. Hole No Holes

Grade Pb 5.0? Zn 7.5? Comb. 12.5

Tons 81,863

Blast Hole	Pb	Zn			
5530	5.4	8.4			
33	3.5	10.2			
34	4.0	7.4			
38	<del>3.5</del>	<del>5.7</del>			
39	<del>4.6</del>	<del>7.4</del>			
40	1.9	3.2			
5568	6.6	8.7			
69	5.0	7.2			
<del>5576</del>	3.2	5.1			
77	4.9	7.2			
78	3.8	6.0			
79	3.3	6.0			
80	4.2	6.6			
81	4.2	6.5			
82	3.8	6.8			
84	2.5	4.2			
85	5.8	8.3			
86	5.4	7.4			
87	5.5	7.8			
88	1.4	3.6			
89	2.0	4.6			
<b>Sub-Totals</b>	<b>1</b>	<b>Holes</b>	<b>21</b>	<b>84.5</b>	<b>138.3</b>

Blast Hole	Pb	Zn			
5591	1.5	3.4			
92	2.8	5.3			
93	1.4	2.9			
94	2.9	4.9			
95	2.4	4.3			
<b>Sub-Totals</b>	<b>2</b>	<b>Holes</b>	<b>5</b>	<b>11.0</b>	<b>20.8</b>

Blast Hole	Pb	Zn			
<b>Sub-Totals</b>	<b>3</b>	<b>Holes</b>	<b>21</b>	<b>84.5</b>	<b>138.3</b>
	<b>2</b>	<b>Holes</b>	<b>5</b>	<b>11.0</b>	<b>20.8</b>
<b>Page Total</b>	<b>26</b>	<b>Holes</b>	<b>26</b>	<b>95.5</b>	<b>159.1</b>

Average Pb 3.7 Zn 6.1

Combined 9.8

Actual Tons Ore Mined \_\_\_\_\_

Remarks:

ORE BLOCK COMPARISON SHEET

4100 Bench

Date 3/17/71

D.D. Hole 66-1

Grade Pb 6.4? Zn 10.6? Comb. 17.0

Tons 109,940

Blast	Hole	Pb	Zn
	5495	2.6	2.4
	5504	3.6	4.6
	5515	2.5	4.2
	16	4.7	7.2
	17	5.6	8.4
	18	3.3	6.0
	19	2.1	3.6
	20	3.3	4.2
	21	7.7	9.8
	22	5.5	7.4
	23	4.5	6.8
	5528	4.2	7.5
	29	2.2	4.1
	30	4.0	7.1
	31	3.0	6.3
	35	4.2	7.2
	36	1.7	4.0
	37	1.5	3.8
	43	2.4	3.6
	44	2.0	3.8
	45	3.1	6.5
	46	3.1	4.9
	47	6.6	8.8
	48	6.7	8.7
Sub-Totals	1 Holes 24	90.1	140.9

Blast	Hole	Pb	Zn
	5558	2.0	4.8
	61	2.0	5.0
	63	3.7	6.6
	64	1.5	4.4
Sub-Totals	2 Holes 4	9.2	20.8

Blast	Hole	Pb	Zn
Sub-Totals	3 Holes 28	99.3	161.7
1	24	90.1	140.9
2	4	9.2	20.8
Page Total	28	99.3	161.7

Average Pb 3.5 Zn 5.9 Combined 9.3

Actual Tons Ore Mined \_\_\_\_\_

Remarks:

ORE BLOCK COMPARISON SHEET

4100 Bench

Date 23/7/71

D.D. Hole 66-25

Grade Pb          Zn         

Comb. 11.1

Tons 171,704

Blast	Hole	Pb	Zn
	<del>5503</del>	3.4	4.3
	5503		
	07	2.7	6.3
<b>Sub-Totals</b>			
1	Holes	6.1	10.6

Blast	Hole	Pb	Zn
<b>Sub-Totals</b>			
2	Holes		

Blast	Hole	Pb	Zn
<b>Sub-Totals</b>			
3	Holes		
1			
2			
<b>Page Total</b>		2	6.1 10.6 ✓

Average Pb 3.1 Zn 5.3 Combined 8.4

Actual Tons Ore Mined                     

Remarks:

ORE ~~TEST~~ COMPARISON SHEET

4100 Bench

Pe 1. or 2

Date 23/1/71

D.D. Hole

~~66-28~~  
~~66-38~~  
~~66-25~~  
66  
NO HOLD (ECT?)

Grade Pb 4.1 ? Zn 7.5 ? Comb. 11.6

Tons 666 483

OUTSIDE ORE BLOCKS.

Blast Hole	Pb	Zn
5451	6.3	7.7
58	9.6	1.6
96	2.9	2.6
5572	3.2	6.7
5575	2.5	4.3
83	2.0	3.7
5660	2.6	3.8
6026	2.5	2.7
27	2.5	5.1
28	2.0	6.0
29	1.0	5.1
35	4.3	6.9
37	2.1	4.1
38	2.4	3.6
39	2.3	3.7
49	2.0	3.0
50	3.6	5.4
51	3.7	5.7
52	3.0	4.7

Blast Hole	Pb	Zn
6092	2.2	3.7
93	1.5	3.8
94	1.9	4.1
98	1.2	4.6
99	1.5	3.5
6101	1.2	5.3
10	4.3	7.4
12	1.8	3.3
13	3.5	6.6
<del>8758</del>		
8758	1.5	5.7
<del>61</del>		
61	1.5	4.1
8805	2.4	3.4
06	3.7	7.1
07	3.5	5.7
23	2.4	3.7
24	2.5	4.7
25	2.9	5.8
26	2.8	6.2
27	3.2	5.5

Blast Hole	Pb	Zn
8828	3.0	5.1
29	2.8	6.0
30	2.6	3.5
31	2.5	5.5
32	3.5	5.9
33	3.3	7.4
71	2.7	8.4
72	1.9	7.8
73	1.4	7.9
74	2.2	7.8
<del>75</del>		
<del>76</del>		
77	0.9	5.2
78	1.1	4.8
<del>79</del>		
80	1.7	8.3
<del>81</del>		
83	2.2	7.6
84	3.4	5.4
85	2.0	5.7

Sub-Totals

1	Holes 12	Pb 63.5	Zn 86.4
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2	Holes 19	Pb 45.5	Zn 94.2
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3	Holes 16	Pb 39.2	Zn 102.3
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Average Pb 2.4 Zn 5.5 Combined 7.9

Actual Tons Ore Mined \_\_\_\_\_

Remarks:

Page Total	54	143.2	222.9
	10	10.4	66.7
	64	153.6	349.6

COMPARISON SHEET

4100 Bench

Page 2 of 2

Date 23/7/71

D.D. Hole

Grade Fb

Zn

Comb.

Tons

Outside Ore Buckets

~~66-28~~  
~~66-38~~  
~~66-25~~  
66-  
No Hole (EST)?

Blast	Hole	Fb	Zn
	8924	1.0	5.8
	25	0.9	7.0
	26	1.7	6.7
	27	1.0	7.0
	28	1.2	4.8
	29	0.9	8.4
	30	0.7	6.2
	31	1.2	6.3
	32	0.6	7.8
	33	1.2	6.7
Sub-Totals	1 Holes 10	10.4	66.7

Blast	Hole	Fb	Zn
2	Holes		

Blast	Hole	Fb	Zn
3	Holes		

Average Fb \_\_\_\_\_ Zn \_\_\_\_\_ Combined \_\_\_\_\_

Actual Tons Ore Mined \_\_\_\_\_

Page Total 10 10.4 66.7

Remarks:

DDW 66-25

H. 30'

Comp 11.1

GND 4321.2 4321.2

4100

4135

221.2

186.2

190 - 95

4.9

5.2

200

4.2

5.9

05

6.3

7.9

10

5.1

6.1

15

4.1

5.7

20

4.8

7.1

25

5.9

6.9

DDW 66-1

H. 35'

Comp 11.2

GND 4329.0 4329

Est

6.5

10.9

4100

4135

229

194

191.9 Int. 4.9'

4.9

12.1

6.3 4.4

8.5

12.5

201.0 4.7

6.0

9.9

205.8 4.8

6.0

8.7

10.7 4.9

6.7

11.9

15.7 5.0

7.5

11.6

20.2 4.5

7.2

12.0

25.2 5.0

7.2

11.5

30.0 4.8

6.4

9.5

196.3 - 234.8

876

11.0

5

10.5

4194.0 - 229.0

PI WATER

239.60/35 = 6.8

380.95/35

10.9

# RELATING ASSAY AVG'S TO ORIGINAL CALC'S

DDA. 66-28

BENCH H. 35'

Comb 6.6

GND. 4279.8  
4100.  
 179.8

4279.8  
4135  
 144.8

143 - 48	S	4.0	8.7
53	.	1.9	5.4
58	.	3.8	8.8
63	.	3.0	7.8
68	.	2.0	TR
73	.	0.6	TR
78	.	0.2	TR
83	.	1.2	2.4

15.5

DDA. 66-38

BENCH 30'

Comb 13.1

GND

4380.6

4100

210.6

4135

175.6

173 - 78	0.3	1.7
83	4.2	15.5
88	2.9	6.8
93	3.8	12.7
98	3.6	8.4
203	2.8	5.6
208	1.5	10.9
213	TR	TR

12.6

59.9