

002007

31/7/71ORE BENCH 4135

PORTION OF BENCH MINED TO JULY 31/71

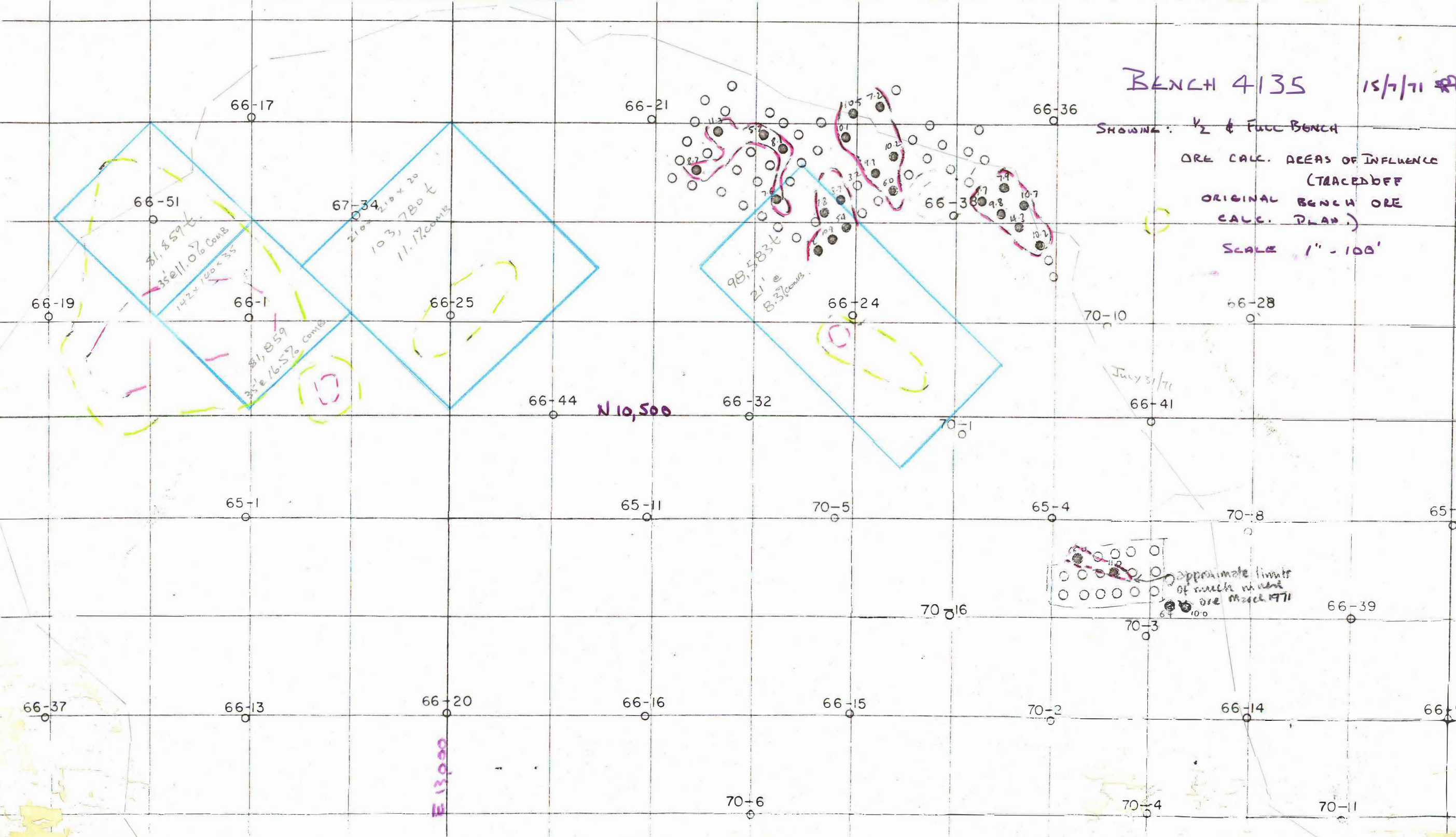
ORIGINAL D.D. HOLE DATA

<u>ORE BLOCK</u>	<u>Pb</u>	<u>Zn</u>	<u>COAL</u>	<u>TONNAGE</u>	<u>Pb</u>	<u>Zn</u>	<u>COAL</u>	<u>EST % OF BLOCK MINED.</u>
66-51	2.8	8.2 (7.9)	11.0 (10.7)	81,859	2.3	6.2	8.5	60 (180 P ore guaranteed)
66-1	5.7	10.8	16.5	81,859	4.7	6.5	11.2	100
66-25	5.0 ?	6.6 ?	10.1	103,780	-	-	-	100
66-24	3.6 (1.4)	4.7 (7.5)	8.3 (8.9)	98,583	1.9	6.2	8.1	100
OUTSIDE BLOCKS.					3.0	5.5	8.5	
	1,352,718	2,903,194	4,255,912	36,6081				
	1,569,600	2,651,719	4,221,319					
TONNAGE	1,517,710	2,599,829	4,177,529					TONNAGE MINED 235,187
AVE GRADE.	4.3	7.2	11.5		3.2	5.8	9.0	
	(3.7)	(7.9)	(11.6)					

REVISED D.D. HOLE DATA

BENCH 4135 15/7/71

SHOWING: 1/2 & Full BENCH
ORE CALC. AREAS OF INFLUENCE
(TRACED OFF
ORIGINAL BENCH ORE
CALC. PLAN.)
SCALE 1" = 100'



31,859t
33@11.0% COMB
142 x 140 x 35

21@210 x 20
103,780t
11.1% COMB

98,583t
21@8.3% COMB

31,859
33@16.5% COMB

approximate limits
of search in bench
ore March 1971

E 13,000

N 10,500

July 31/71

4135 ORE BENCH.

<u>J.D.H.</u>	<u>Ton.</u>	<u>Pb.</u>	<u>Pb x T</u>	<u>Zn.</u>	<u>Zn x T</u>
66-51	81,859	2.8	229,205	8.2	671,244
66-1	81,859	5.7	466,596	10.8	884,077
66-23	103,780	5.0? 4.5	518,900 467,010	6.1? 5.6	633,058 581,168
66-24	98,583	3.6	354,899	4.7	463,340
	<u>366,081</u>		<u>1,569,600</u> 1,517,770		<u>2,651,719</u> 2,599,829
		4.3		7.2	<u>18.5</u>

ORE BLOCK COMPARISON SHEET

4135 Bench

Date 22/7/71

D.D. Hole 66-51

Grade Pb 2.8 Zn 8.2 Comb. 11.0

Tons 81,859

Blast Hole	Pb	Zn			
5492	2.3	5.8			
93	2.0	3.7			
5310	4.1	10.3			
11	1.0	4.8			
/					
Sub-Totals	1	Holes	4	9.4	24.6

Blast Hole	Pb	Zn			
/					
Sub-Totals	2	Holes			

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

Average Pb 2.3 Zn 6.2 Combined 8.5

Actual Tons Ore Mined _____

Page Total ---

Remarks:

ORE ~~BLANK~~ COMPARISON SHEET

4135 Bench

Date 23/7/71

D.D. Hole

~~66-1~~
~~66-24~~
~~66-25~~
~~66-51~~

Grade Pb 4.1 Zn 7.1 Comb. 11.2

Tons 366,081

OUTSIDE BLOCK.

Blast Hole	Pb	Zn			
5372	5.1	7.8			
78	3.8	5.1			
87	3.1	5.2			
5425	2.0	3.1			
28	3.2	2.6			
5455	4.8	6.0			
56	3.6	5.0			
57	2.1	3.7			
62	4.3	1.9			
63	4.7	3.2			
64	2.5	3.1			
74	3.6	6.3			
75	3.1	5.4			
76	1.6	3.5			
78	4.7	8.1			
79	2.8	5.0			
80	3.1	5.1			
81	3.8	7.1			
82	3.9	6.7			
83	3.5	6.5			
84	3.5	6.0			
Sub-Totals	1	Holes	21	72.8	106.4

Blast Hole	Pb	Zn			
85	2.8	4.4			
87	1.7	2.8			
88	4.0	4.1			
89	3.4	5.5			
90	3.1	4.2			
5445	2.9	4.4			
46	3.8	5.4			
47	5.6	7.8			
5869	2.4	4.8			
70	1.7	3.4			
733					
7734	3.3	2.3			
35	2.3	4.0			
36					
8633	1.5	4.5			
37					
37	2.9	6.8			
38	2.2	8.0			
39	3.0	7.1			
40	3.4	7.1			
41	2.7	4.5			
42	2.0	3.7			
43	2.2	7.6			
44	4.7	9.6			
Sub-Totals	2	Holes	20	59.9	109.2

Blast Hole	Pb	Zn			
8645	2.0	8.2			
46	2.1	8.6			
48	4.3	5.7			
49	1.6	6.3			
49	1.8	4.6			
50					
51					
52					
53					
56					
57	1.7	4.0			
58	1.8	6.3			
59					
60	1.6	8.4			
61					
62					
63	1.4	5.6			
8708	2.9	8.4			
09	2.5	6.2			
Sub-Totals	3	Holes	11	23.7	72.3
1	21	72.8	106.4		
2	20	59.9	109.2		
Page Total	52	156.4	287.9		

Average Pb 3.0 Zn 5.5

Combined 8.5

Actual Tons Ore Mined _____

Remarks:

66-24	7	13.2	43.5
66-51	4	9.4	24.6
66-1	16	74.9	104.1
66-25	0		
Σ	79	253.9	460.1

DDH RELATING ASSAY AUGS TO ORIGINAL CALCS.
 BENCH CALC. (35) Comb. (11.0)

DDH
 66-51

GND. EL.	4358.9	4358.9
BS.	4135	Tr. 4170
INT.	<u>223.9</u>	<u>188.9</u>

185	- 90	S	4.4	8.4
	95		1.5	3.8
	200		1.1	2.8
	205		.6	4.0
	10		2.7	9.2
	15		1.7	3.0
	20		6.3	17.0
	25		5.9	17.4

RELATING TO ORIGINAL DATA

$$\frac{19.8}{7} = 2.8$$

$$\frac{572}{7} = 8.2$$

$$\frac{28}{110}$$

DDH

66-25	(20)	G. EL.	4321.2	4321.2
	(18.5 comb)		4135	4170
			<u>186.2</u>	<u>151.2</u>

151.2	150 - 55	50 - 50	5.0
	60	55	
	65	60	
	70		
186.2	75		

4.2	0.2	TR.
4.8	2.8	3.1
5.5	5.5	9.0
7.1	7.1	8.8
2.3	2.3	3.6

$$\frac{14.9}{3} = 5.0$$

RELATING TO ORIGINAL DATA USED 20 155-75

$$\frac{88.7}{21} = 4.1$$

$$\frac{90.0}{21} = 4.2$$

$$\frac{7.1}{8.3}$$

$$19.7 = 4.5$$

$$\frac{14.9}{3} = 5.0$$

24.5