

370 10,000 9/39 A. & E.W.Ltd. Gp.685

RECORD OF SHAFT OR BORE FOR MINERAL

SK45NE/31

1" N.S. Coal. Map 112

1" O.S. Coal. Map 112

Whether Confidential

No.

Name and Number of Shaft or Bore given by Geological Survey:

BLACKWELL B WINNINGS No. 3 (Downcast) Shaft

Name and Number given by owner (if different from above):

Town or Village \_\_\_\_\_ Date of sinking \_\_\_\_\_

Exact site \_\_\_\_\_

A sketch-map or  
tracing from a large-scale map  
is desirable.

Purpose for which made.

Level at which bore commenced relative to O.D. abt. 380 ft. If not down bore, state if horizontal or up.

Made by \_\_\_\_\_ for Messrs. \_\_\_\_\_

Information from Abandonment Plan GG10 to Waterloo; Coal Survey Lab., below. Date received 1944.

Specimen Nottingham, below.

Dip of strata

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS		DEPTH	
		Fr.	in.	Fr.	in.
DRIFT	Soil, clay & marl 7' : bind 17'	24	0	24	0
UPPER CARBONIFEROUS WESTPHALIAN B	Top Hard <u>Hollows</u> 24 in.	2	0	26	0
	Clunch & stone clunch 5'-6" : bind, blue 17'	22	6	48	6
	Irnst. 1" : bind 6' : rock 4' : bind 8'	18	1	66	7
	COAL 15 in.	1	3	67	10
	Clunch 3'-6" : rock, cants & bind 6'-2"	9	8	77	6
	Bind 15'-11" : rock 4'-9"	20	8	98	2
	Irnst. 2", on bind & shale	3	5	101	7
✓ Dunsil	COAL 24 in.	2	0	103	7
	Black bass 1'-6" : clunch 2'-10"	4	4	107	11
	Rock & rock bands	5	3	113	2
	Bind, blue, on lim. irnst.	3	2	116	4
	" light 8'-7" : bind, dark 2'-9"	11	4	127	8
	Irnst 2" : bind 11"	1	1	128	9
TOP 1ST WATERLOO	COAL 14 in.	1	2	129	11
	Clunch & bind	5	6	135	5
	Rock & cants 6'-6" : stone bind 7'	13	6	148	11
	Bind, strong	13	0	161	11
BOTTOM 1ST WATERLOO	COAL 12 in.	1	0	162	11
	Clunch 2" : rock bands 12'-6"	12	8	175	7
	Bind, blue, w. 2 in. irnst. 10'-2" : shale, black 1'-10"	12	0	187	7
	Stone clunch	2	0	189	7
	Rock 4'-10" : stone bind 12'	16	10	206	5
	Difference	18	1	224	6
2nd WATERLOO	Waterloo COAL [sic] 72 in.	6	0	230	6
	( Waterloo on Plan GG10 — S. 30 in. J. 16 1/2 } 5' 6" C. 19 1/2 }				
3rd WATERLOO	COAL	1	10	268	8
	"	1	0	275	2
4th WATERLOO	"	6	0	303	8
1st FLL	"	1	3	346	10
2nd FLL	"	2	0	399	7
WESTPHALIAN A	"	1	0	485	16
				508	4

GEOLOGICAL SURVEY AND MUSEUM,  
SOUTH KENSINGTON,  
LONDON, S.W.1.

G.S.M. Office  
File No.

Site marked  
on 6" Map by

Site marked  
on 1" Map by

Tover

✓ 2  
WESTPHALIAN  
A

SWELL Deep Soft

256

COAL

4"

534

9

<u>COAL</u>	16 in.
bass	15 "
<u>COAL</u>	9 "

3' - 4"

571

11

COAL

1' - 0 "

581

1

PROF SOFT

1 - 3

603

1

DEEP SOFT

2

629

1

4

631

5

"

679

1

✓ Deep Hard

3 - 5

686

6

1ST Piper

2 - 2

734

3

"

767

6

✓ Tupton

{ Root COAL 9 in.

2 "

863

2

{ splint (poor)

54 "

880

9

{ COAL 54 "

5 - 5

974

7

✓ Threequarters

2 - 1

980

4

✓ Yard

2 - 4

980

4

CANNEL, bad

10

980

4

✓ Blackshale

{ CANNEL, bad 9 1/2 in.

2 1/2 "

1035

10

{ COAL, bad

3 1/2 "

Black bass

10 1/2 "

Tinkers

8 "

Clunch

15 "

COAL

4 - 1

✓

October 1981

W. Edwards  
1945

Site transferred from Wathorne

Reconnaissance survey maps to

NOTTS 27 SW (W)

O.D. top of shaft 379.0

12-211-52

Site confirmed from NCB plans

to DERBY 36 NW

J

		Commercial mining Blackdale reached	25/11/1874 17/4/1875.	244	N.M. G. 4001's. E. 445 393 N. 357 726 380 ft. A.O.D.
No.	Strata.				Thickness Yds. Ft. Ins. Depth. Yds. Ft. Ins.
1.	Soil.			1.	0. 0.
2.	Clay.			2.	6.
3.	Marl.			3.	2. 0.
4.	Bind.			4.	
✓ 5.	<u>COAL (Top Hard.)</u>			5.	0. 0.
6.	Clunch.			6.	0. 0.
7.	Stone clunch.			7.	0. 0.
8.	Blue bind.			8.	2. 0.
9.	Ironstone.			9.	
10.	Bind.			10.	0. 0.
11.	Rock.			11.	1. 0.
12.	Bind.			12.	2. 0.
13.	<u>COAL.</u>			13.	3. 22. 1. 10.
14.	Clunch.			14.	2. 6.
15.	Rock.			15.	8.
16.	Gank.			16.	
17.	Bind.			17.	0.
18.	Rock.			18.	0.
19.	Bind.			19.	2. 0.
20.	Rock.			20.	1. 0.
21.	Rock.			21.	9.
22.	Ironstone.			22.	2.
23.	Bind and shale.			23.	0. 3.
✓ 24.	<u>COAL (Dunsil).</u>			24.	0. 34. 1. 8.
25.	Black bass.			25.	6.
26.	Strong clunch.			26.	10.
27.	Rock.			27.	0.
28.	Rock bands.			28.	1. 3.
29.	Blue bind.			29.	0. 1.
30.	Ironstone.			30.	
31.	Light bind.			31.	2. 7.
32.	Dark bind.			32.	9.

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249

SK45NE 1/31A+B

Yds. Ft. Ins. Yds. Ft. Ins.

33. Ironstone.		2.	
34. Bind.		11.	
35. <u>COAL</u> Top 1st WATERLOO		1. 2.	43. 1. 0.
36. Clunch.		1. 0. 0.	
37. Clunch and bind.		2. 6.	
38. Rock and cark balls.		2. 9. 6.	
39. Stone bind.		2. 1. 0.	
40. Strong stone bind.		3. 1. 3.	
41. <u>COAL</u>		1. 0.	53. 1. 3.
42. Clunch.	Bottom of WATERLOO	1.	
43. <u>COAL</u>		2.	53. 1. 6.
44. Rock bands.		1. 0. 6.	
45. Rock bands.		3. 0. 0.	
46. Blue bind.		1. 2. 0.	
47. Ironstone.		2.	
48. Blue bind.		2. 2. 0.	
49. Blackshale.		1. 10.	
50. Stone clunch.		2. 0.	
51. Rock bands.		1. 10."	
52. Rock bands.		1. 0. 0.	
53. Stone bind.		4. 0. 0.	
54. Strong blue bind.		5. 0. 0.	
55. <u>COAL</u> (Waterloo) 2nd WATERLOO		2. 0. 0.	75. 2. 10.
56. Stone clunch.		1. 1. 0.	
57. Rock.		3. 1. 0.	
58. Rock bands.		4. 1. 0.	
59. Stone bind.		2. 2. 0.	
60. Blue bind.		2. 4.	
61. <u>COAL</u> . 3rd WATERLOO		1. 10.	89. 0. 0.
62. Clunch.		2. 0.	
63. Dark bind.		1. 1. 5.	
64. <u>COAL</u>		1. 91.	0. 6.

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		Yds.	Ft.	Ins.
65. Rock.		3.	1.	0.
66. Rock bands.		3.	2.	0.
67. Dark bind.		2.	1.	0.
68. COAL. 4th WATEKLOD		6.	100.	2. 0.
69. Black bass.		1.	6.	
70. Clunch.		1.	0.	0.
71. Rock.		1.	1.	0.
72. Stone bind.		2.	1.	0.
73. Dark bind.		2.	0.	
74. Strong dark bind.		1.	2.	2.
75. Cank.		1.	3.	
76. Blue bind.		5.	1.	3.
77. Blackshale.		2.	0.	
78. COAL. 1st ELL		1.	3.	115. 0. 5.
79. Clunch.		2.	0.	
80. Rock.		2.	1.	0.
81. Stone bind.		4.	2.	10.
82. Stone bind.		4.	0.	0.
83. Dark bind.		3.	1.	0.
84. Ironstone.				2.
85. Blackshale.				2. 10.
86. Light bind.		1.	11.	
87. COAL. 2nd ELL		2.	0.	132. 2. 2.
88. Bat.				376 398 2
89. Clunch.		1.	1.	10.
90. Stone bind.		7.	0.	0.
91. Dark cank.				2. 0.
92. Dark bind.		3.	1.	0.
93. Dark bind.		6.	0.	0.
94. Black bass.				1. 0.
95. Clunch.				2. 0.
96. Rock.		1.	0.	0.

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SK45NE/31A+B

		Yds.	Ft.	Ins.	Yds.	Ft.	Ins.
		133.	1.	2			
97.	Blue bind.	1.	1.	6.			
98.	Rock bands and stone bind.	6.	0.	9.			
99.	<u>COAL</u>				2.	161.	0. 7.
100.	Grey rock.				6.		
101.	Rock bands.		1.	6.			
102.	Blue bind.	1.	2.	10.			
103.	Stone bind.	4.	2.	0.			
104.	<u>COAL</u>				1.	0.	169. 2. 5.
105.	Clunch.				2.	4.	
106.	Stone bind.		4.	1. 0.			
107.	Dark bind.		2.	0. 1.			
108.	Ironstone.				4.		
109.	Dark bind.	1.	1.	4.			
110.	<u>COAL</u>				4.	177.	1. 10.
111.	Clunch.				1.	0.	
112.	Stone bind.	5.	0.	0.			
113.	Grey rock.		2.	0.			
114.	Stone bind.		2.	0.			
115.	Rock.	4.	1.	10.			
116.	<u>COAL</u>				1.	4.	
117.	Black Bass	Deep Soft.			1.	3.	
118.	<u>COAL</u>				4.	9.	
119.	Black bass & clunch.	STUWELL			2.	2.	
120.	<u>COAL</u>				1.	0.	193. 0. 2.
121.	Stone clunch.				2.	0.	
122.	Rock bands.		5.	0. 0.			
123.	Dark bass.				9.		
124.	Dark bind.		1.	0. 0.			
125.	<u>COAL</u>	Rubb SOFT	1½	3.	200.	1.	2.
126.	Clunch.		2.	0.	201.	0.	2

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SK45NE/31A+B

		Yds.	Ft.	Ins.	Yds.	Ft.	Ins.
127.	Dark bind and ironstone balls.	6.	2.	10.	201	0	2
128.	Dark bind.	1.	0.	0.			
129.	<u>COAL</u>			2.			
130.	Dark bind.	} DEEP SOFT	2.	0.	209.	2.	6.
131.	<u>COAL</u>			4.			
132.	Strong clunch.	4.	1.	0.			
133.	Rock.		1.	6.			
134.	Strong stone bind.	7.	1.	6.			
135.	Blue bind.	3.	0.	0.			
136.	<u>COAL</u> .			10.			
137.	Light stone bind.	1.	1.	0.			
138.	<u>COAL (Deep Hard)</u> .	1.	0.	5.	227.	2.	9.
139.	Dirt.			5.			
140.	Clunch.	1.	1.	0.			
141.	Rock bands and cank balls.	5.	0.	0.			
142.	Stone bind.		2.	4.			
143.	Stone bind.	5.	0.	0.			
144.	Blue bind.	2.	2.	10.			
145.	<u>COAL (Piper)</u> . FIRST PIPER	2.	2.	243.	731-6	2.	6.
146.	Dark clunch.	2.	0.	0.			
147.	Stone clunch.	1.	1.	6.			
148.	Rock bands.	1.	1.	9.			
149.	Rock.	4.	0.	0.			
150.	Stone bind.	1.	2.	0.			
151.	<u>COAL</u>	1.	0.	254.	731-6	2.	9.
152.	Clunch.			1.	0.		
153.	Rock.	2.	2.	1.			
154.	Cank.	1.	1.	0.			
155.	Stone bind.		2.	0.			
156.	Rock bands.	2.	0.	11.			
157.	Blue bind.	2.	1.	0.			
158.	Blue bind.	3.	0.	4.			
159.	Cockle shells.	3.	267.	2.	4.		

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678. SK45NE/31A+B

		Yds.	Ft.	Ins.	Yds.	Ft.	Ins.
160.	Dark bind.	2.	4.				
161.	Blue bind.	3.	1 <sup>6</sup> .	5.			
162.	Rock bands.	2.	0.	6.			
163.	Dark binds and shells.	4.	2.	6.			
164.	" " "	3.	1.	0.			
165.	Blue bind.	2.	2.	0.			
166.	<u>COAL (Low Main).</u> TUFTON	1.	2.	5.	286.	2.	6.
167.	Dark bind.	5.	0.	6.			
168.	<u>COAL (Three quarter).</u> THREEQUARTERS	2.	1.	282.	2.	1.	
169.	Stone clunch.	1.	0.	0.			
170.	Bat.			2.			
171.	Stone clunch.	3.	0.	6.			
172.	Grey rock.	2.	1.	1.			
173.	Stone bind.	3.	1.	0.			
174.	Dark bind.	3.	2.	9.			
175.	Strong bind.	2.	0.	0.			
176.	Strong-bind. Blue bind.	1.	0.	0.			
177.	Rock.	1.	1.	6.			
178.	Stone bind.	3.	0.	0.			
179.	Rock.			2.			
180.	Strong blue bind.	4.	0.	0.			
181.	Dark bind.	2.	1.	6.			
182.	Ironstone.			1.			
183.	Dark bind.	1.	0.	6.			
184.	Ironstone.			1.			
185.	Dark bind.	1.	0.	6.			
186.	Ironstone.			3.			
187.	Dark bind.	1.	7.				
188.	<u>Yard Coal.</u> YARD	2.	4.	324. 0. 11.			
189.	Clunch.	1.	1.	11.			
190.	Bad cannel coal.			10.			978/8
191.	Clunch.			2.	0.		980/8
192.	Rock.	1.	1.	4.	328.	1.	0.

SK45NE/31A+B

328. 1. 0

Yds. Ft. Ins.    Yds. Ft. Ins.

L4

193. Stone bind.  
194. Dark bind.  
195. Stone bind.  
196. Rock.  
197. Stone bind.  
198. Blue bind.  
199. Blue bind and ironstone.  
200. Dark bind.  
201. COAL (Blackshale). ✓  
Sump.

2.	1.	6.	992 - 6
2.	0.		994 - 6
2.	0.		996 - 6
1.	2.	0.	1001 - 6
6.	0.	0.	1019 - 6
1.	0.	0.	1027 - 0
1.	1.	6.	1027 - 0
1.	0.	8.	1030 - 2
1.	1.	1.	344. 2. 3.
2.	0.	0.	346.. 2. 3.

1020-2  
978-8  
51.6

1019-6  
980-8  
38-10