

150 SK46NE5a

Hardwicke Colliery Co. Ramcroft Colliery No. 1 Pit

Section of strata in the shaft. Ordinance datum 12.75 ft.
Der. in. 36 S.W.

Description	Thickness Ft. in.	Depth Ft. in.
1. Made Ground	4 6	4 6
2. Soil	1 0	5 6
3. Clay	6 2 1	11 8
4. Brown Shale	4 5 1	16 2
5. Blue Shale	1 6	17 8
6. Blue Rock	5 8	23 4
7. Grey Rock	18 00	41 4
8. Coal	1 9	43 1
9. Clunch	3 8	46 9
10. Strong Bind	9 6	56 3
11. Coal and Black Bat	1 6	57 9
12. Clunch	2 0	59 9
13. Curly Bind	4 6	64 3
14. Black Bat	1 2	65 5
15. Clunch	2 4	67 9
16. Blue Bind and Ironstone	5 1	72 10
17. Beddy Rock and Stone Bind	6 1	78 11
18. Stone Bind	16 5	95 4
19. Rock and Cank	8 6	103 10
20. Strong Cank	3 10	107 8
21. Strong Stone Bind	15 5	123 1
22. Blue Bind	11 2	134 3
23. Black Bat and Ironstone	6 1	140 4
24. Soft Fireclay	1 6	141 10
25. Coal and Bat	3 7	145 5
26. Rock	4 10	150 3
27. Beddy Rock and Bind	2 8	152 11
28. Stone Bind	8 5	161 4
29. Strong Stone Bind	2 3	163 7
30. Blue Bind and Ironstone	16 4	179 11
31. Dark Bind	2 8	182 7
32. Soft Clunch	2 7	185 2

MADE GROUND
DRIFT
UPPER CARBONIFEROUS,
WESTPHALIAN B
HIGH HAZELS

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4	Remarsoft Colliery Shaft				
	Blue Bind	WESTPHALIAN B			
		Soft Faulty Ground		198	3
34	Coal	1 st ST. JOHN'S (Top Coal)	1	1	199 4
35	Clunch		3	6	200
36	Strong Blue Bind		9	9	201 7
37	Coal	1 st ST. JOHN'S (Bottom Coal)		8	213 3
38	Clunch		6	11	220 2
39	Stone Bind		9	9	229 11
40	Coal	2 nd ST. JOHN'S		8(??)	230 6
41	Strong Clunch		3	1	233 7
42	Stone Bind		15	9	249 4
43	Beddy Rock		14	4	263 8
44	Strong Bind		2	0	265 8
45	Beddy Rock and Cank		5	10	271 6
46	Strong Bind		1	7	273 1
47	Hard Strong Rock		30	2	303 3
48	Bind		24	6	327 9
49	Black Bind		4	0	332 9
50	Soft Clunch		2	0	333 9
51	Blue Bind		5	1	338 10
52	Coal		4		339 2
53	Soft Clunch		9		339 11
54	Rock		5	2	345 1
55	Stone Bind		7	2	352 3
56	Blue Bind		12	8	364 11
57	Stone Bind		34	4	399 3
58	Black Bind and Coal mixed		4	1	403 4
59	Stoney Clunch		10	3	413 7
60	Strong Bind and Rock Bands		6	2	419 9
61	Hard Grey Rock		28	6	448 3
62	Top Hard Coal ✓		5	1	453 4

18 July 1981

Alfred J. Pirley
May 22. 1945.

Declassified 174- 28/9/72

SK 46/43

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(11932) WL30370/0370 10,000 9/39 A.&E.W.Ltd. Cp.485

RECORD OF SHAFT OR BORE FOR MINERALS

Name and Number of Shaft or Bore given by Geological Survey:
RAMCROFT COLLIERY. No. 1 Shaft.

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

Town or Village **Hearth** Date of sinking

Exact site **3400 Fr. at 66° from Heath Church (All Saints, at road fork in village)**

SK 46NE 4570 6752

Purpose for which made **Coal**

Level at which bore commenced relative to O.D. **282.05 ft.** If not down bore, state if horizontal or up.

Made by **Hardwick Collieries Ltd.** for Messrs.

Information from **Hardwick Collieries Ltd.** Date received **1945.**

Specimens Dip of strata **NE, roughly 1 in 8.**

Whether Confidential
Confidential

A sketch-map or

CONFIDENTIAL

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS		DEPTH	
	Note: No. 1 shaft measured 1940:				
	Depth rail level pit bank to rail level pit bottom — 454 ft.				
	Section attached				
	See on Derby 26 SW/W.				

Hardwicke Colliery Co. Ramcroft Colliery No. 1 Pit

Section of strata in the shaft.

Ordnance datum 232.05 ft.
Derby 6 in. 26 S.W.

Description

Thickness
Ft. in.

Depth
Ft. in.

1. Made Ground	MADE GROUND	4 6	4 6
2. Soil	DRIFT	1 0	5 6
3. Clay		6 2 1	11 8
4. Brown Shale	UPPER CARBONIFEROUS	4 5 1	16 2
5. Blue Shale	WESTPHALIAN B.	1 6	17 8
6. Blue Rock		5 8	23 4
7. Grey Rock		18 00	41 4
8. Coal		1 9	43 1
9. Clunch		3 8	46 9
10. Strong Bind		9 6	56 3
11. Coal and Black Bat		1 6	57 9
12. Clunch		2 0	59 9
13. Curly Bind		4 6	64 3
14. Black Bat		1 2	65 5
15. Clunch		2 4	67 9
16. Blue Bind and Ironstone		5 1	72 10
17. Beddy Rock and Stone Bind		6 1	78 11
18. Stone Bind		16 5	95 4
19. Rock and Cank		8 6	103 10
20. Strong Cank		3 10	107 8
21. Strong Stone Bind		15 5	123 1
22. Blue Bind		11 2	134 3
23. Black Bat and Ironstone		6 1	140 4
24. Soft Fireclay		1 6	141 10
25. Coal and Bat	Faulty Ground	3 7	145 5
26. Rock	Faulty Ground	4 10	150 3
27. Beddy Rock and Bind	Faulty Ground	2 8	152 11
28. Stone Bind	Faulty Ground	8 5	161 4
29. Strong Stone Bind		2 3	163 7
30. Blue Bind and Ironstone	Faulty Ground	16 4	179 11
31. Dark Bind	Faulty Ground	2 8	182 7
32. Soft Clunch	Faulty Ground	2 7	185 2

SKL 46/43
112

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4. Ramcroft Colliery Shaft

WESTPHALIAN B
Soft Faulty Ground

SK46/43
112
198 3
199 4
120

33. Blue Bind	13	1	198	3
34. Coal	1	1	199	4
35. Clunch	3	6		
36. Strong Blue Bind	9	9		
37. Coal	8		212	3
38. Clunch	6	11	220	2
39. Stone Bind	9	9	229	11
40. Coal		8(??)	230	6
41. Strong Clunch	3	1	233	7
42. Stone Bind	15	9	249	4
43. Beddy Rock	14	4	263	8
44. Strong Bind	2	0	265	8
45. Beddy Rock and Cank	5	10	271	6
46. Strong Bind	1	7	273	1
47. Hard Strong Rock	30	2	303	3
48. Bind	24	6	327	9
49. Black Bind	4	0	332	9
50. Soft Clunch	2	0	333	9
51. Blue Bind	5	1	338	10
52. Coal		4	339	2
53. Soft Clunch		9	339	11
54. Rock	5	2	345	1
55. Stone Bind	7	2	352	3
56. Blue Bind	12	8	364	11
57. Stone Bind	34	4	399	3
58. Black Bind and Coal mixed	4	1	403	4
59. Stoney Clunch	10	3	413	7
60. Strong Bind and Rock Bands	6	2	419	9
61. Hard Grey Rock	28	6	448	3
62. Top Hard Coal	5	1	453	4

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1981.

Alfred J. Pirley
May 22. 1945.



NATIONAL COAL BOARD

EAST MIDLANDS DIVISION

NO. 1 AREA

SCHEDULE: 1

O.D. TOP OF SHAFT, 282'

SITE COORDS.

COLLIERY: RAMCROFT

R. 892

No.	PUMP	CAPACITY	Quantity Pumped	Workings Drained	Horizon Drained	Shaft from Which pumped	USE OF WATER				Method of Disposal of Unused water
							DOMESTIC	COAL WASHING	BOTLER FEED	SURPLUS	
1	Sulzer	500 g.p.m.	140,000 gals. per day	Top Hard Seam	161 yds.	No. 2	-	38,000 G.P. Day.	10,000 g.p. day	256,000 g.p. day	To River Doe Lea.
2	Sulzer	500 g.p.m.	164,000 gals. per day	- do -	-do-	-do-					
3	Mackley	1000 g.p.m.	Standby	- do -	-do-	-do-					

112
120
SK46/43
12/10



NATIONAL COAL BOARD		EAST MIDLANDS DIVISION		NO. 1 AREA		SCHEDULE 2	
		RAMCROFT		COLLIERY		R. 892(a)	
		WATER ENCOUNTERED		DURING			
SHAFT		SINKINGS		DRIVING OF WORKINGS			
SHAFT	HORIZON	QUANTITY	HORIZON	QUANTITY			
No Records	-	-	Top Hard Seam at 161 yds. to ancient workings at Surface level of Outcrop.	Varying seasonally from 150 g.p.m. to 900 g.p.m. in very wet periods.			112/120 SK46NE5/A 11/12



NATIONAL COAL BOARD

EAST MIDLANDS DIVISION

NO. 1 AREA

SCHEDULE 4

RAMCROFT

COLLIERY

COMMENTS ON WATER PROBLEMS IN WORKINGS.

R.892 (c)

Ramcroft Colliery situated on the steep ground of the Eastern Slopes of the Brimington anticline was sunk primarily to work the Top Hard Seam. As the outcrop to the west was approached, very heavy water commitments were encountered. These large water feeders were found to emanate from the very ancient outcrop working, where from a series of shallow shafts the bottom section of the seam only was worked. Leaving the Cannel Section and Tops up as roof, the old headings are in many cases standing as well today as when driven, and act as a direct drain or duct for the rain water and hillside floods which in wet periods abound. Workings of the adjacent Doe Lea Licensed Mine tapped in faulty ground feeders of water from the Doe Lea Valley, which vary in quantity from 100 G.P.M. to 400 G.P.M. this water all runs to the dip workings of Ramcroft and this Mine there receives all such surface and mine feeders. Of late years the First Waterloo Seam has been developed at Ramcroft and now much of the area so developed is below the Top Hard Seam hollows to which the above feeders run, causing an efficient and well run pumping station to be imperative.

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Information from the Handwich Colliery Co. Ltd. April 1945

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Hamcroft Colliery.

surface top Hard water pumped from top Hard level 187 ft b.O.D. to surface reservoirs at Hamcroft and Holmewood Collieries at the rate of 336,000 gall per day.

Analysis.

Temporary hardness.		21°			
Magnesia. "		13.3°			
Sulphates.	290.0	20.3 grains per gall			
Chlorides.	50.0	3.5	"	"	"
Ca O		0.33	"	"	"
Si O ₂		0.25	"	"	"
Ca CO ₃	3.08	7.7	"	"	"
Na H CO ₃	2.76	10.0	"	"	"
Na Cl	2.28	5.79	"	"	"
Mg CO ₃	3.22	11.17	"	"	"
Na ₂ SO ₄	11.5	35.9	"	"	"
p.h. value.		7.3			

1633

714.1

We use the whole of the water for Colliery purposes.

Site of shafts confirmed from
NCS EM Dis Area No 1 plan to DWP 26 SW

(a) = No 1 shaft

(b) = No 2 shaft

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