



NGRC
BOREHOLE RECORDS
ADJUSTMENT FORM



British
Geological
Survey

QUARTER SHEET SK45NE

BH REGISTRATION NUMBER 179-200

~~NUMBER NOT USED~~

/

~~LOG MISSING!~~

(Delete as appropriate)

RECORDS ENTERED & HELD BY WALLINGFORD



1065 Wt. 22438/0384 10m 7/45 (51) F.B.S.

RECORD OF SHAFT OR BORE FOR MINERALS

Name and Number of Shaft or Bore Blackwell 'A' Winning
NO. 3 Kilkenny Borehole (Underground)

For Messrs. NCB. SK 4558 5905

Town or Village

County Derbyshire Six-inch quarter sheet 36 NW/W

Exact site National Grid reference 445 579.2
359 051.6.

(For Survey use only)

6-inch Map Registered No.

112/236

SK 45 579.2

6-inch Map
Registered
No.

Attach a tracing from
a map, or a sketch-
map, if possible.

Purpose for which made exploration for coal

Level at which ~~shaft~~ ^{bore} commenced relative to O.D. - 599.87 feet 6.00. State if ~~shaft~~ ^{bore} is up, down, horizontal or
inclined; in latter cases give angle of inclination and direction Down.

Made by NCB.

Information from core examination by C.H. Rhye. Date of Sinking 1957.

Specimens collected by C.H. Rhye.

Additional Notes in Space Overleaf

Size of core 0 m 6"
Derby 36 NW/W. pt. 1/1/58

(For Survey use only)
GEOLOGICAL
CLASSIFICATION

NATURE OF STRATA

THICKNESS

DEPTH

UPPER
CARBONIFEROUS
WESTPHALIAN
A

Open hole

Siltstone, with a few rosettes.

Mudstone, silty, grey, with a few
rosettes.

Mudstone, silty, grey.

Ironstone.

Sandstone, fine-grained, light brown
with a few carbonaceous
partings.

Mudstone, grey, slightly silty, with very
occasional very silty partings
containing a few plant fragments;
a few small Planolites in
bottom foot.

Mudstone, grey, with occasional
thin ironstone bands;

? Naiadites @ 35 ft;

3 in ironstone band @ 38 ft 1 in.

Shale, fairly dark grey; occasional
small Planolites; occasional
thin ironstone bands.

Mudstone, silty, dark grey, with a
few fragments of Anthracozoa.

Mudstone, grey; Planolites; carbonaceous
plant fragments in basal 2 in.

Coal 1 1/2 in.

Mudstone, grey, with limestones surfaces
and rootlets, a few coal partings &
a 1/2-in coal band at top of 8 in.

ft in.

7 8

0 8

1 6

2 8

0 2

0 6

15 10

9 1

2 4

2 10

0 10

0 1 1/2

1 0 1/2

Continued

ft in.

7 8

8 4

9 10

12 6

12 8

13 2

29 0

38 1

40 5

43 3

44 1

44 2 1/2

45 3

Overleaf

GEOLOGICAL SURVEY AND MUSEUM,
SOUTH KENSINGTON,
LONDON, S.W.7.

Date
received

Corre-spond-
ence File No.

1" N.S. Map
No.

1" O.S. Map
No.

Site marked (use symbol)
on 1" Map on 6" Map

(2781) *Dd0586/W164575 5,000 4/55 JC&S Gp669

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

Blackwell A'loining No.3 Kithen B.H.

112 SK45/22
236

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS		DEPTH	
WESTPHALIAN A	Seatearth: mudstone, brownish grey with numerous rootlets and listric surfaces.	<i>branches forward</i>		45	3
	Mudstone, dark grey with abundant plant debris and carbonaceous partings	1	3	46	6
	<u>COAL</u> 6 IN.	0	4	46	10
		0	6	47	4
	Seatearth: mudstone, brownish grey with rootlets and numerous listric surfaces.	0	10	48	2
	Seatearth: siltstone, grey with rootlets; occasional ironstone nodules.	3	2	51	4
	Seatearth: siltstone, light grey.	0	10	52	2
	Mudstone, silty, grey with rootlets and plant fragments.	3	10	56	0
	Sandstone, light grey with partings of grey siltstone and dark grey micaceous partings	5	1	61	1
	Siltstone, grey	0	6	61	7
	Mudstone, slightly silty, grey; Planolites; fairly numerous plant fragments	1	0	62	7
	Sandstone, creamy grey with abundant carbonaceous, micaceous partings.	2	6	68	0
	Mudstone, grey; Planolites.	7	0	72	0
	Shale, dark grey; 3-in. ironstone band @ 74 ft. 4 in. 1-in. grey calcareous band @ 74 ft. 7 in.	3	10	75	10
	Seatearth: mudstone, light brown with numerous listric surfaces and rootlets; becoming grey, silty with ironstone nodules downwards.	6	4	82	2
	Sandstone, light grey with siltstone partings; rootlets in top 1 ft. 6 in.	12	2	94	4
	Mudstone, silty, grey with partings of light grey siltstone.	3	0	97	4
	Sandstone, light grey with siltstone partings	1	3	98	7
	Mudstone, grey; Anthracomania; slightly silty with Planolites from 100 ft. 6 in.; bands of siltstone in bottom 3 in.	3	0	101	7
	<u>COAL</u> 5-IN.	0	5	102	0
	Seatearth: mudstone, grey, with numerous rootlets.	2	2	104	2

(2761) *D40586/W164575 5,000 4/55 JC&S Gp609

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

Blackwell A. No. 15 Killarney B.H.

112 SK45/22
County
6" Quarter Sheet
236

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS		DEPTH	
		Feet	Meters	Feet	Meters
WESTPHALIAN A	Seatearth: Sandstone, creamy grey with siltstone partings; rootlets.	1	10	104	2.
	Sandstone, light grey with siltstone bands and occasional rootlets.	2	10	106	0.
	Mudstone, silty, grey, with bands of siltstone down to 112 ft; numerous Planolites below 112 ft.	10	8	108	10.
	Mudstone, grey with occasional ironstone bands; Planolites.	2	8	119	6.
	Sandstone, light grey with micaceous partings.	1	6	122	2.
	Mudstone, silty grey with light grey siltstone bands.	1	6	123	8.
	Sandstone, light grey with grey siltstone partings and numerous carbonaceous micaceous partings.	2	4	126	0.
	Siltstone, grey; abundant plant fragments.	6	8	132	8.
	Mudstone, silty, grey; sporadic plant fragments.	5	1	137	9.
	Mudstone, grey, slightly silty in patches.	6	3	144	0.
	Mudstone, silty, grey with a few thin ironstone bands in bottom 2 ft.	1	6	145	6.
	Mudstone, grey; Planolites; very occasional ironstone bands.	4	11	150	5.
	Shale, fairly dark grey in top foot, dark grey below; numerous fish fragments.	12	7	163	0.
	Mudstone, fairly dark grey with Planolites.	2	6	165	6.
	COAL 7½ in. top 3½ in. is cannel.	3	3½	168	9½
		0	7½	169	5
	Seatearth: mudstone, light brown, numerous rootlets; becoming grey with ironstone concretions from 170 ft 5 in.	4	1	173	6.
	Mudstone, light grey with silty patches; occasional rootlets.	0	10	174	4.
	Sandstone, light grey with siltstone bands in top 6 in.; numerous micaceous, sometimes carbonaceous partings below.	7	8	182	0.
	Mudstone, silty, grey with siltstone partings.	1	2	183	2.
	Mudstone, grey; occasional small Planolites; becoming fairly dark grey from 188 ft 6 in.; numerous poorly preserved molluscs from 196 ft 9 in. to 197 ft 3 in. + on isolated bedding planes below;				

(2781) *D40586/W164575 5,000 4/55 JC&S Gp689

4

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

Blackwell 'A' No. 3 Kilburn B.H.

1125145/22

County
Sheet

236

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS		DEPTH	
		Feet	Meters	Feet	Meters
WESTHAYAN A	COAL 3 IN.	0	3	292	2
	Seasouth: mudstone, brownish grey with abundant rootlets & lithic surfaces.	0	8	293	1.
	Seasouth: mudstone, silty, grey, with rootlets, ironstone concretions and bands of light grey siltstone.	3	4	296	5
	Siltstone, grey with numerous light grey sandstone partings; occasional rootlets.	1	7	298	0.
	Sandstone, creamy grey with irregular siltstone partings; very abrupt base with inclusions of siltstone in bottom inch.	3	0	301	0
	Mudstone, silty, grey.	1	4	302	4
	Sandstone, creamy grey; abundant plant fragments; numerous bands and partings of silty mudstone + carbonaceous micaceous partings.	8	4	310	8.
	Mudstone, silty, grey, with partings of siltstone below 317 ft; 4 in ironstone band @ 319 ft 4 in; planolites from 320 ft; 'murel' fragments @ 321 ft 9 in; between 335 ft + 337 ft the siltstone partings become very sandy, micaceous + numerous.	30	0	340	8.
	Mudstone, grey, slightly silty in patches; numerous vague planolites.	2	4	343	0
	Shale, fairly dark grey at top becoming dark grey downward; numerous vague planolites + some definite small planolites; occasional <i>Beloschapsa kochi</i> .	4	6	347	6.
	Sandstone, light grey with numerous plant fragments.	0	4	347	10
	Siltstone, fairly dark grey with plant fragments.	0	6	348	4.
	Sandstone, light grey; numerous plant fragments; abundant carbonaceous micaceous partings.	2	8	351	0.
	Siltstone, grey with light grey sandstone bands; fairly numerous plant fragments.	3	8	354	8
	Sandstone, light grey with dark grey micaceous siltstone partings.	10	6	365	2
	Mudstone, silty, grey, with occasional patches of siltstone.	1	10	367	0.

5.

(2781) "D40586/W164575 5,000 4/88 JC&S Gp689

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

Blackwell 'A' No. 3 Kilburn B.H.

112 SK45 22
Quarter Sheet
236

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS	DEPTH
WESTPHALIAN A	isolated fish scale @ 199 ft.; occasional anthraconaria below 200 ft + very occasional ostracods; Anthraconaria fairly numerous below 208 ft; Belorhaphe Kochi @ 210 ft 6 in.; no 'mussels' seen below 212 ft. Where only fossils are occasional Planolites & a Belorhaphe Kochi @ 218 ft 10 in. Coal partings in bottom 1/2 in.	37 4	183 2
	Seasouth: mudstone, brownish grey.	1 0	220 6
	Seasouth: mudstone, silty, grey, with rosettes and occasional ironstone concretions; becoming more silty downwards.	8 10	221 6
	Mudstone, grey with occasional rosettes in top 2 ft; Planolites from 236 ft 3 in; fairly dark grey with poorly preserved 'mussels' in bottom 1 in.	21 8	229 4
	Seasouth: mudstone, silty, grey, with rosettes; very micaceous	4 0	251 0
	Mudstone, silty, grey; abundant plant fragments & occasional rosettes.	0 10	255 0
	Sandstone, light grey with numerous bands of grey siltstone containing abundant plant fragments.	1 4	255 10
	Mudstone, grey; Nariadites in top inch; vague Planolites & occasional definite Planolites; 2 in ironstone band @ 259 ft 2 in.	16 4	287 2
	Isolated 'mussels' @ 269 ft 6 in. & 272 ft.	2 1	273 6
	Mudstone, fairly dark grey; carbon bedding planes show numerous poorly preserved 'mussels'; very silty, with occasional fish fragments in basal 6 in.	2 1	275 7
	Seasouth: mudstone, silty, fairly dark grey; rosettes.	1 5	276 7
	Mudstone, grey with occasional rosettes in top foot; occasional silty patches & thin ironstone bands; Planolites; 2 in ironstone band @ 289 ft.	13 0	277 0
	Shale, dark grey; very occasional Planolites; occasional very poorly preserved 'mussels'; occasional ostracods; bottom with carbonaceous.	2 2	290 0
		2 2	292 2

(2781) *Dd0588/Wt64575 5.000 4/55 IC&S Gp669

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

Blackwell A' No. 3 Killbuck B.H.

112 SK 45/22
16" x 10" sheet
THICKNESS 236

Contact BGS: ngdc@bgs.ac.uk