



NGRC
BOREHOLE RECORDS
ADJUSTMENT FORM



British
Geological
Survey

QUARTER SHEET

SK 45 NW

BH REGISTRATION NUMBER

284 - 300

~~NUMBER NOT USED~~

/

~~! LOG MISSING !~~

(Delete as appropriate)

Records entered and held in Wallingford



1063 WL 22458/0384 10m 7/45 (51) F&S.

RECORD OF SHAFT OR BORE FOR MINERALS

Name and Number of Shaft or Bore BLACKDELL 'A' WINNING
NO. 2 KILBURN BOREHOLE (Underground)

For Messrs. NCB.

Town or Village

County Derbyshire. Six-inch quarter sheet 36 NW/W

Exact site National Grid Reference 444 765.6

SK 4476 5937

359378.5

Purpose for which made exploration for coal.

Level at which ^{shaft} ~~bore~~ commenced relative to O.D. -619.72

State if ^{shaft} ~~bore~~ is up, down, horizontal or

inclined; in latter cases give angle of inclination and direction

Made by NCB

Information from Specimens collected + cone Date of Sinking

Specimens examined by C. H. Kings

Sited by O on 6"

Additional Notes in Space Overleaf

Derby 36 NW/W. July 1/58

(For Survey use only)
GEOLOGICAL
CLASSIFICATION

NATURE OF STRATA

THICKNESS

DEPTH

UPPER

CARBONIFEROUS

WESTPHALIAN

A

Blackshale workings.

Openhole

8 10

8 10

Seatearth: Siltstone, grey with rootlets
Siltstone, grey; Sandstone partings
in top 6 in. very occasional
rootlets.

2 7

11 5

Sandstone, grey

9 4

20 9

Mudstone, grey; 1 1/2 in ironstone band
at 32' 6"

2 3

23 0

Mudstone, of dark grey with
ostracodes @ 33' 3";
Anthraconaria @ 34' 10"

9 6

32 6

Siltstone, dark grey

2 7

35 1

Mudstone, silty, fairly dark grey,
3 in. ironstone band @ 38' 9"

2 2

37 3

Mudstone, grey with Rootlets.

1 6

38 9

Seatearth: mudstone, grey with
numerous lenticular surfaces,
numerous rootlets.

1 5

40 2

Seatearth: mudstone, light grey with
ironstone nodules; becoming
silty below 44 ft; numerous
rootlets.

0 4

40 6

Siltstone, grey with plant fragments
and occasional rootlets.

6 0

46 6

Sandstone, light grey with Siltstone
partings

4 8

51 2

1 6

52 8

Continued

Overleaf

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

Date
received

Correspondence
File No.

1" N.S. Map
No.

1" O.S. Map
No.

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

(2781) *D40586/W164575 5,000 4/55 JC&S Gp669

2

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

Blackwell A' No. 2 Kibbourn B.d.

112 SK45/21
County
Quarter Sheet
235

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS		107	52	8.
		bronghe	forward.			
WESTPHALIAN A	Siltstone, grey, passing down into silty mudstone; numerous plant fragments.	0	4		53	0.
	COAL Coal 4 in. Seatearth, mudstone, dark grey, 4 in. } 10 in.	0	10		53	10.
	Coal 2 in. Seatearth: mudstone, dark grey with a few carbonaceous partings, numerous lithic surfaces & occasional rootlets.	0	9		54	7.
	Seatearth: Sandstone, creamy grey with rootlets.	0	11		55	6.
	Sandstone, creamy grey with numerous dark grey carbonaceous micaceous partings.	5	2		60	8.
	Siltstone, grey with light grey sandstone partings.	4	8		65	4
	Sandstone, interbedded with grey siltstone.	2	5		67	9.
	Mudstone, grey with occasional silty patches 3 in ironstone band @ 72' 0"; ? worm tracks & planolites.	7	3		75	0.
	Shale, dark grey with ostracodes and occasional fish fragments. 1/2 in ironstone band @ 76' 10"					
	1 in " " @ 78' 2"	3	2		78	2.
	Mudstone, fairly dark grey.	1	3		79	5.
	Shale, dark grey, cannel coal, with plant fragments.	0	3		79	8.
	COAL 2 in.	0	2		79	10.
	Seatearth: mudstone, grey, with brown with numerous lithic surfaces; lithic surfaces in top 5 in.	1	9		81	7.
	Seatearth: mudstone, silty grey with rootlets & ironstone nodules.	1	9		83	4
	Seatearth: Siltstone, grey with rootlets occasional ironstone nodules and sandstone partings.	1	6		84	10.
	Interbedded light grey sandstone and grey siltstone.	1	9		86	7
	Sandstone, creamy grey with numerous dark grey carbonaceous micaceous partings; occasional plant fragments.	3	4		89	11

(2781) *Dd0586/Wt04575 5,000 4/55 JC&S Gp889

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

Blackwell 'A' No.2 Kilbarn B.H.

112 SK45/21
County
6" Quarter Sheet
235

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS		DEPTH	
WESTPHALIAN A	Siltstone, grey with a few light grey sandstone partings	Traps found		89	11
	Sandstone, light grey with numerous grey siltstone partings and bands down to 95 ft.	2	7	92	6.
	Siltstone, grey with light grey sandstone partings.	8	2	100	8.
	Sandstone, creamy grey with numerous dark grey carbonaceous micaceous partings	2	4	103	0.
	Mudstone, grey with mussels.	1	10	106	11
	COAL 8 in.	0	8	107	7
	Seatearth: mudstone, dark brownish grey with numerous lentic surfaces.	0	2	107	9.
	Seatearth: Sandstone, grey with rocklets and occasional ironstone nodules.	10	8	118	5
	Siltstone, grey; numerous sandstone partings in top foot.	3	9	122	2.
	Mudstone, grey with silty patches; numerous ? worm tracks and planolites;				
	2 in ironstone band @ 124'-4"	5	6	127	8.
	Siltstone, grey with irregular sand sandstone partings.	1	3	128	11
	Mudstone, grey with numerous plant fragments.	1	1	130	0.
	Siltstone, grey; 3 in ironstone band @ 135'-2"	5	8	135	8
	Sandstone, light grey with dark grey carbonaceous micaceous partings; becoming compact, light brown + ferruginous in bottom 2 feet; plants preserved in ironstone in bottom 3 in.	6	9	142	5.
	Mudstone, silty, grey	0	6	142	11
	Siltstone, grey with occasional plant fragments.	1	7	144	6
	Sandstone, grey with numerous siltstone partings in top 14 in.	3	11	148	5.
	Siltstone, grey.	4	7	153	0.
	Mudstone, silty, grey; isolated 'mussel' @ 155'-6"				
	2 1/2 in ironstone band @ 157'-0"				
	3 in " " @ 157'-7"				
	3 in " " @ 166'-0"	13	0	166	0.
	Mudstone, grey, becoming fairly dark grey downwards; fragmentary 'mussel' @ 168 ft.	4	0	170	0

(2781) *Dd0686/Wt64575 5,000 4/55 JC&S Gp669

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

Blackwell 'A' No. 2 Kilburn B.H.

112 SK45/21
County
8 Quarter Sheet

235

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS		
WESTPHALIAN A	Shale, dark grey with silty patches; numerous fish fragments.	brings forward	170	0.
	Mudstone, grey with ? worm tracks; a few patches of ironstone towards the bottom; becoming fairly dark grey + shaly in bottom 2 in.	2 7	172	7.
	Coal 13 in (8 in seen)	2 10	175	5.
	Seatearth: mudstone, brownish grey with numerous rootlets; numerous ironstone nodules in bottom foot.	1 1	176	6.
	Siltstone, grey with numerous sandstone bands in top foot; sporadic rootlets	3 2	179	8.
	Sandstone, light grey with numerous siltstone partings and dark grey micaceous carbonaceous partings.	3 5	183	1
	Mudstone, grey with slightly silty patches; ? worm tracks + Planolites; becoming fairly dark grey with Anthraconaria from 200 ft;	7 7	190	8.
	3 in band of shaly ironstone @ 205'-8"	15 0.	205	8.
	Mudstone, silty, dark grey, with numerous/poorly preserved 'mussels' on certain bedding planes; below 215 ft. the 'mussels' are all Anthraconaria; occasional ? worm tracks; 'Grinoid' @ 219'-4"; bottom 4 in contains human fish fragments while the bottom 1/2 in is also cancellated Shale	28 1	233	9.
	Coal 2 in.	0 2	233	11
	Mudstone, dark grey with abundant plant fragments and carbonaceous partings	0 2	234	1
	Seatearth: mudstone dark grey with lentic surfaces.	0 8	234	9.
	Seatearth: mudstone, grey with numerous rootlets + fairly numerous ironstone nodules.	0 5 11	240	8

(2781) *Dd0586/Wt64578 8,000 4/55 JCS Gp09

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

Blackwell A' No. 2 Kilburn L.H.

112 SK45/21
County
6" Quarter Sheet
235

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS			
		ft	in		
WESTPHALIAN A	Interbedded siltstone and sandstone with occasional rootlets.	1	8	240	8.
	limestone, grey, becoming fairly dark grey downwards; occasional thin ironstone bands; occasional plant fragments in top 5 feet; ? worm tracks + planolites from 246'-6"; silty in bottom 2 in.	17	3	259	7.
	Seatearth: Sandstone, grey in top 9 in + rather silty, light grey below; numerous rootlets.	2	7	262	2.
	Sandstone, light grey with numerous carbonaceous micaceous partings.	3	5	265	7.
	Siltstone, grey.	0	9	266	4.
	limestone, grey with silty patches; ? worm tracks + planolites. 1 in. ironstone band @ 271'-8" 6 in band siltstone @ 274'-0" 'mussels' from 274'-6"	15	9	282	1.
	Siltstone, grey with poorly preserved 'mussels' in top 4 in + plant fragments below.	1	1	283	2.
	limestone, slightly silty, grey with numerous plant fragments + traces of rootlets.	4	3	287	0.
	Siltstone, grey.	4	3	290	2.
	limestone, silty, grey with ? worm tracks + planolites.	7	6	297	8.
	limestone, grey with ? worm tracks and planolites; mussels from 299'-4"	2	10	300	6.
	COAL 3 in (not seen).	0	3	300	9.
	Seatearth: limestone, dark grey brown grey in top 6 in + grey below; abundant rootlets.	1	6	302	3.
	Seatearth: Siltstone, grey with numerous rootlets.	1	5	303	8.
	Seatearth: Sandstone light grey with rootlets and ironstone nodules.	1	6	305	2.
	Siltstone, grey with numerous partings and bands of light grey sandstone; a few plant fragments.	4	8	309	10.
	limestone, silty, grey; 'sincord' @ 311'-5"	1	10	311	8.
	Sandstone, light grey with limestone partings in top 4 in + siltstone partings below.	2	6	314	2.

(2781) *D40596/W164575 5,000 4/55 JC&S Gp669

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

Blackwell A' No 2 Kilburn B.H.

County SK45/21
6" Quarter Sheet
235

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS 82			
		<u>Brought forward</u>			
WESTPHALIAN A	Siltstone, grey with light grey sandstone partings between 317'2" + 319'0".	15	11	330	1.
	Mudstone, grey with ? worm tracks and Planolites.	5	11	336	0.
	Siltstone, grey with light grey sandstone partings from 345'1" to 347'2".	11	2	347	2.
	Mudstone, grey with silty patches; ? worm tracks, Planolites, 'sineoids'; becoming fairly dark grey with no siltstone partings below 354'0".	10	2	357	4.
	Peatrich: Sandstone, grey with rootlets.	1	2	358	6.
	Sandstone, creamy grey with sporadic dark grey carbonaceous micaceous partings; numerous siltstone bands from 366'0"; plant debris throughout.	10	3	368	9.
	Peatrich: Sandstone, light grey with siltstone bands; rootlets + numerous plant fragments.	2	12	370	11
	Sandstone, light grey with plant fragments.	1	3	372	2.
	Interbedded sandstone + siltstone.	1	10	374	0.
	Sandstone, creamy grey with numerous dark grey carbonaceous micaceous partings.	5	10	379	10.
	Siltstone with grey; ? worm tracks and Planolites below 386'0".	10	2	390	0.
	Mudstone, grey with ? worm tracks and Planolites.	15	0	405	0.
	Mudstone, fairly dark grey with occasional Anthraconantia; occasional Planolites + a few fish fragments in bottom 3 in.	6	2	411	2.
	Siltstone, grey, very tough with traces of rootlets which occasionally become definite.	2	9	413	11.
	Siltstone grey with sporadic rootlets + occasional ironstone nodules	2	8	416	7.
> Kilburn horizon.	Siltstone, grey with light grey sandstone partings which are very sparse below 419'0"; very occasional plant fragments.	6	3	422	10.
	Sandstone, light grey with grey siltstone partings, becoming creamy grey with numerous carbonaceous micaceous partings below an 8 in. siltstone band @ 439'4"; a few irregular coal streaks +				

(2781) *Dd0586/W164575 8,000 4/85 JCS Gp889

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

Blackwell 'A' No. 2 Kilburn B.H.

112 SK45/21
County
6 Quarter Sheet

235

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS	DEPTH
		Brought forward	422 10.
WESTPHALIAN A	Carbonaceous plant fragments together with a few inclusions of ironstone from 496'0" to 506'0"; Numerous small siltstone inclusions from 506'6" to 507'0" + a few siltstone inclusions + much slump bedding from 507'10" to base.	87 6	510 4
	Siltstone, grey with light grey sandstone partings	0 9	511 1
	Sandstone, creamy grey with numerous siltstone partings in top 15 in. below which the partings become carbonaceous + micaceous; a few bands of siltstone inclusions from 523'0" to 529'0"; Coal streaks @ 536'9"; Siltstone and ironstone inclusions from 536'9" to 539'5"; Mainly siltstone with sandstone bands from 544'9" to 546'0" + 547'3" to 548'0", 549'0" to 549'8" + 556'9" to 558'2".	50 8	561 9
	Siltstone, grey with numerous light grey sandstone partings + occasional bands in top 5 feet; ? worm tracks from 568'0"	13 1	574 10.
	Sandstone, creamy grey with dark grey carbonaceous micaceous partings	3 11	578 9.
	Mudstone, silty, grey with ? worm tracks and planolites; occasional thin sandstone bands below 582'0"	5 3	584 0.
	Sandstone, grey.	5 4	589 4.
	Siltstone, grey.	1 4	590 8.
	Mudstone, slightly silty, grey with ? worm tracks + planolites + very occasional plant fragments.	2 6	593 2
	Sandstone, grey with micaceous partings	1 4	594 6.
	Mudstone, silty with light grey sandstone partings + occasional plant fragments.	1 1	595 7.
	Mudstone, slightly silty, grey with numerous ? worm tracks + planolites.	1 9	597 4
	Interbedded light grey sandstone + grey siltstone.	1 2	598 6.
	Siltstone, grey	1 0	599 6
	Mudstone, silty, grey.	1 9	601 3

(2781) *ID0586/W144575 8,000 4/55 JC&S Gp669

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

Blackwell 'A' No. 2 Kilburn B.H.

112 SK45/21
County
Quarter Sheet

235

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS			
		Feet	inches	Feet	inches
WESTPHALIAN A	Sandstone, light grey with numerous partings of grey siltstone.	2	9	604	0.
	Siltstone, grey with planolites & ? worm tracks.	4	6	608	6.
	Mudstone, silty, grey with ? worm tracks and planolites.	1	6	610	0.
	Siltstone, grey with light grey sandstone bands and partings.	2	0	612	0.
	Sandstone, creamy grey with numerous carbonaceous micaceous partings.	7	2	619	2.
	Sandstone, grey with a few light grey partings.	2	11	622	1
	Siltstone, grey with bands of light grey sandstone up to 3 in. thick.	2	11	625	0.
	Mudstone, silty, grey with numerous ? worm tracks & planolites.	3	4	628	4.
	<u>BASE OF BOREHOLE.</u>				