



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
ostracods @ 33' 3";
Anthraconaster @ 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

Correspond-
ence 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

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.	2	1	105	1
		1	10	106	11
	COAL 8 in.	0	8	107	7
	Seatearth: mudstone, dark brownish grey with numerous lenticular 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	Feet	Feet
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 '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.	05 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			
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 of 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			
		Brought forward			
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

(Z781) *Dd0586/Wt84575 5,000 4/55 JC&S Gp669

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

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

County SK45/21
Quarter Sheet 6

Quarter Sheet

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS		DEPTH	
		Feet	Meters	Feet	Meters
WESTPHALIAN A	Sandstone, lighter grey with numerous partings of grey siltstone.	2	9	601	3
	Siltstone, grey with Planolites & ? Worm tracks.	4	6	604	0.
	Mudstone, silty, grey with ? Worm tracks and Planolites	1	6	608	6
	Siltstone, grey with light grey sandstone bands and partings	2	0	610	0.
	Sandstone, creamy grey with numerous carbonaceous micaceous partings	7	2	612	0.
	Sandstone, grey with a few light grey partings.	2	11	619	2
	Siltstone, grey with bands of light grey sandstone up to 3 in. thick.	2	11	622	1
	Mudstone, silty, grey with numerous ? Worm tracks & Planolites.	3	4	625	0.
				628	4.
<u>BASE OF BOREHOLE.</u>					