



1063 Wt. 22438/0384 10m 7/45 (51) F.&S.

RECORD OF SHAFT OR BORE FOR MINERAL

(For Survey use only)

1-inch Map Registered No.

Name and Number of Shaft or Bore

Silverhill No. 1 Underground
Borehole.

For Messrs.

National Coal Board.

Town or Village

County

Six-inch quarter sheet

Exact site

E 446401 } SK 4640622
N 364228 } (mm.p. 378)

6-inch Map
Registered
No.

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

Purpose for which made

Level at which ~~shaft~~
bore commenced relative to O.D.

-10.29.56

State if ~~shaft~~
bore is up, down, horizontal or

inclined; in latter cases give angle of inclination and direction

down.

Made by

Information from examination by C. H. Hughes, Branskill

Date of Sinking 1958.

Specimens

Additional Notes in Space Overleaf

(For Survey use only)
GEOLOGICAL
CLASSIFICATION

NATURE OF STRATA

THICKNESS

DEPTH

UPPER
CARBONIFEROUS
WESTPHALIAN
A

Borehole commenced from old
workings in Deep Hard coal.

7 8

7 8

Sandstone, light grey with grey silty
limestone partings; sporadic
rootlets in top 2 feet.

11 4

19 0.

limestone, grey, silty with a few
partings and bands up to 2 in.
of lighter grey sandstone.

9 7

28 7.

limestone, grey, slightly silty in part;
2 in. limestone bands @ 36' 8" & 39' 2"

10 7

39 2.

limestone, fairly fissile, dark

1 8

40 10.

C.S. report
includes no mention
of 4 in. of coal.

grey
COAL Coal 24 in.
- infirm - 9 in. 33 in.

2 0

42 10

(not seen by C.H.R.).

Shale is seen

42 10

45 3.

Seatearth: limestone, dark brownish-
grey, with numerous bitric
surfaces & rootlets;
numerous coal partings.

1 4

46 7.

Seatearth: light brownish-grey with
rootlets, small ironstone
nodules, becoming silty
downwards.

2 3

48 10.

Sandstone, creamy-grey, with
partings and bands of grey
silty limestone; sporadic
plant fragments.

5 2

54 0.

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

2

(2781) *D40586/Wt64575 5,000 4/55 JC&S Gp689

Name and Number of Shaft or Bore given by Geological Survey

Silverhill No. 1 Underground Borehole

SK46SE14
Quarter Sheet

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS	
UPPER CARBONIFEROUS WESTPHALIAN A	limestone, silty, grey, interbedded with light grey sandstone. Sandstone, light grey with micaceous partings partings which are sometimes carbonaceous; badly fractured down to 69 ft.	brought forward.	54 0.
	limestone, silty, grey; numerous partings of light grey sandstone below top foot.	39 6	93 6.
	Sandstone, creamy grey with abundant carbonaceous micaceous partings; numerous partings of coal and fragments of ironstone and iron-stained limestone from 140'-0" to 140'-8"; below 140'-8" to 145'-1" bands of dark grey silty limestone alternate with the sandstone down to 145'-1". From 145'-1" to 145'-5" partings of coal & irregular limestone fragments; below 145'-5" micaceous partings are very few; numerous coal, limestone and ironstone fragments from 154'-5" to 155'-7"; a few limestone and ironstone fragments in bottom 2 ft. Abrupt base.	9 2	102 8.
	limestone, dark grey, rather fissile, with numerous laminar surfaces; fragmentary 'murels'; ostracods.	62 1	164 9.
	From 165'-5" to 166'-10" the core was fragmentary - fragments of grey silty limestone with a few rosettes and ironstone nodules.	0 8	165 5.
	limestone, silty, grey with rare rosettes.	1 5	166 10.
	limestone, silty, dark grey, with abundant plant fragments down to 173'-2" and numerous laminar surfaces in top 6 in. 5-in. band of sandstone @ 173'-7" sporadic sandstone partings below 173'-7" to 176'-0".	2 11	169 9.
	Shale, dark grey with rare 'murels' & ostracods down to 183'-0"; below 183'-0" numerous ostracods & shelly ironstone bands.	7 0	176 9.
		16 3	193 0.

(2781) *Dd0586/Wt64575 5,000 4/55 JC&S Gp669

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

Silverhill No. 1 Underground Borehole.

Quarter Sheet

SK46SE/24

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS		DEPTH	
WESTPHALIAN A	<i>brings forward.</i>			193	0
	limestone, grey.	1	0	194	0
	Shale, dark grey, slightly laminated in top foot; numerous 'mussels' + sporadic ostracodes below top foot; a few ironstone bands; from 199'-0" to 199'-8" light grey; below 199'-8" fish fragments occur with the 'mussels' and ostracodes.	7	6	201	6
	limestone, grey with rare 'mussels'	1	0	202	6
TUFTON	<u>COAL</u> 67 in. with $\frac{1}{2}$ in dist band 14 in from top (all seen).	5	7	208	1
	Seatearth: limestone, brown with lenticular surfaces and a few rootlets.	3	11	212	0
	Seatearth: limestone, brown with lenticular surfaces and a few rootlets with rootlets and ironstone nodules.	6	0	218	0
	limestone, grey with plant fragments	6	5	224	5
	limestone, fairly dark grey, slightly silty in parts, with a few ironstone bands + rare carbonaceous partings; fish fragments @ 225'-2"	0	10	225	3
	<u>COAL</u> 32 in.	2	8	227	11
THREEQUARTERS	Seatearth: limestone, very silty, with rootlets.	0	4	228	3
	Seatearth: Sandstone, light grey, with bands of grey silty limestone.	1	2	229	5
	Seatearth: limestone, silty, grey, with rootlets	3	0	232	5
	<u>COAL</u> 3 in.	0	3	232	8
	Seatearth: limestone, brown with grey, with abundant rootlets, and coal partings near base.	0	10	233	6
	Interbedded siltstone and light grey sandstone with sporadic rootlets.	4	9	238	3
	Sandstone, light grey with micaceous partings which are sometimes carbonaceous.	1	6	254	5
	Siltstone, grey with rare light grey sandstone bands.	4	6	258	11

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Name and Number of Shaft or Bore given by Geological Survey

Silverhill No. 1 Underground Borehole

Quarter

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS	DEPTH
WESTPHALIAN A	limestone, silty, grey, with ? worm tracks and small planolites.	4 10	263 9.
	limestone, grey, with silty patches and rare ? worm tracks.	4 1	268 10.
	limestone, silty, grey, with worm tracks and vague planolites	4 2	273 0.
	limestone, fairly dark grey, with ? worm tracks; 2-in ironstone band @ 274'-5"; becoming dark grey, with fish fragments and ostracods from 276'-0".	4 4	277 4.
	limestone, silty, grey, with ironstone nodules and a few historic surfaces (? incipient sea-south)	0 8	278 0
	sandstone, light grey, with bands and partings of grey silty limestone below 280'-0"	11 6	289 6.
	limestone, silty, grey.	3 9	293 3.
	sandstone, light grey with bands of grey silty limestone; silty patches less frequent below 299'-0"; occasional plant fragments.	6 8	299 11
	sandstone, light grey with dark grey micaceous silty partings; 3ft. band of grey siltstone @ 307'-3"	7 10	307 9.
	interbedded siltstone and light grey sandstone with occasional limestone bands.	2 10	310 7.
	limestone, silty, grey; 3-in ironstone band @ 312'-6".	2 3	312 10
	limestone, grey, becoming darker grey downwards; occasional ? worm tracks & planolites; Beloskapha at 313'-0"	3 5	316 3.
	1-in ironstone band @ 315'-9".	2 8	318 11
	limestone, dark grey, with planolites rare 'mussel' fragments & fish fragments.	0 11	319 10
	limestone, silty, fairly dark grey, limestone, dark grey; 1-in ironstone band @ 321'-0"; becoming fairly fissile toward the base; rare fish fragments.	2 11	323 11 1/2
YARD	COAL Coal 3 in. grey limestone with nodules 3 in. } 3 1/2 in. Coal 27 in.	2 8 1/2	325 8

(2781) *Dd0588/Wt64575 5,000 4/55 JC&S Gp669

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

Scratchill No. 1 Underground Borehole.

18" Diameter Sheet

SK46SE14

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS		DEPTH	
WESTONALAN A	Seatearth; mudstone, grey, with rootlets; ironstone nodules from 328' 10" to base.	3	10	329	6.
	mudstone, grey, with a few rootlets.	0	11	330	5.
	mudstone, silty, grey, with rare rootlets.	2	0	332	5.
	mudstone, grey, with a few listric surfaces.	0	3	332	8.
	<u>COAL</u> 11 in.	0	11	333	7.
	Seatearth: mudstone, grey, with abundant rootlets and listric surface.	1	5	335	0.
	mudstone, dark grey, with carbonaceous partings	0	3	335	3.
	Seatearth: mudstone, grey, with rootlets.	1	3	336	6.
	mudstone, grey, slightly silty, with carbonaceous partings and a few plant fragments.	0	8	337	2.
	mudstone, grey; a few rootlets in top 6 in. with abundant plant fragments below.	3	3	340	5.
	Sandstone, light grey, with darker grey, silty partings; creamy grey below 343' 4".	9	9.	350	2.
	mudstone, silty, grey, with a few ironstone bands.	10	2	360	4.
	Sandstone, light grey, with darker grey, silty partings.	3	9	364	1.
	Interbedded dark grey, siltstone and light grey sandstone.	2	4	366	5.
	mudstone, grey, silty in top 6 feet; ironstone bands up to 2 in. in top 6 feet; a few ? worm tracks	13	11	380	4.
	Sandstone, light grey, with darker grey, silty partings.	2	0.	382	4.
	mudstone, silty, grey.	6	3	388	7.
	mudstone, grey.	0	10	389	5.
	<u>COAL</u> 41 in (not examined).	3	5	392	10.
	? Seatearth (not seen).	2	2	395	0.
BLACKSHALE	<u>COAL</u> 41 in (not examined).	3	5	392	10.
	? Seatearth (not seen).	2	2	395	0.
Base of hole.					

Aug 1981