



SK 46 SW 1
RECORD OF BOREHOLE NO. P594B

Ground level : 570.9ft. above O.D. Newlyn (5.4.63.) 8in. to 26ft.,
Dia. of boring : NX (26in. core) to 90ft.
Type of boring : Shell and Auger and Lining tubes : NX (3in.) to 26ft.
Rotary Core Drilling

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata
	Depth	Percentage or Type	Legend	Depth	O.D. Level	
1.4.63.	2'0"	D				Mottled grey and brown silty CLAY
	7'0"	D		6'6"	564.8	
	12'0"	D				Weathered grey and brown SHALE with bands of mottled grey and brown silty CLAY
2.4.63.	16'0"	D		15'0"	555.9	
	17'0"	D				
	22'0"	D				Dark grey SHALE
	26'0"	D		26'0"	548.9	
	27'0"	100%				
23.4.63.		100%				Massive grey fine SANDSTONE; poorly laminated in part; muddy at top. Occasional near vertical ironstained fissures.
	34'0"			36'0"	532.9	
		100%				
	42'0"					
24.4.63.		83%				Well-bedded, vertically fissured grey MUDSTONE; generally broken throughout, with ironstone bands. Shaly at 41ft. with mussels, and sandy from 43ft.6in. to 49ft. Becoming dark grey at base.
	54'0"					
		80%				
	64'0"					
		100%				
25.4.63.	74'0"					Broken grey MUDSTONE, shaly in parts, with ironstone; Becoming sandy and occasionally laminated from 81ft.3in.
		100%		77'10"	493.4	
				79'7"	491.3	COAL
	84'0"	60%				
	90'0"			80'0"	480.9	

COAL MEASURES



GEOLOGICAL SURVEY OF GREAT BRITAIN
RECORD OF SHAFT OR BORE FOR MINERALS

Name of Shaft or Bore given by Geological Survey:

LONDON-YORKSHIRE

584B

Name and Number given by owner:

MOTORWAY

For whom made

Town or Village

County

Exact site

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

Purpose for which made

Ground Level at shaft
bore relative to O.D.

If not ground level give O.D. of beginning of shaft
bore

Made by

Date of sinking 1963

Information from for sample to 96', cone below

Date received 1963

Examined by D.V. Hook, C.G. Bradley

(For Survey use only)

6-inch Map Registered No.

SK46SW 39B

Nat. Grid Reference

1" N.S. Map
No.

1" O.S. Map
No.

Confidential
or not

SPECIMEN NUMBERS AND ADDITIONAL NOTES

(For Survey use only) GEOLOGICAL CLASSIFICATION	DESCRIPTION OF STRATA	THICKNESS		DEPTH	
		FT	IN.	FT	IN.
for samples	Clayey grey-brown, laminated, with transition nodules.			2	0
	limestone, grey-brown with transition bands			7	0
	limestone, grey			12	0
	Coal.			16	0
	Siltstone, limestone, grey, with nodules.			17	0
	limestone, grey, silty			22	0
	limestone, grey, slightly silty, with plant impressions.			26	0
				26	0
	Sandstone, pale grey, medium grained				
	massive, 6" band of soft siltstone at 26' 9"	12	0	38	0
	limestone, grey, rather fossiliferous, sporadic transition bands				
	muscle and plant fragments below 40'	5	6	43	6
	Siltstone, grey, with limestone and fine sandstone lamellae, carbonaceous - micaceous partings.	7	0	50	6
	limestone, grey, slightly silty, some darker grey bands containing nodules.				
	Sporadic transition bands up to 1/2" thick	17	6	78	6
	Coal.	1	10	79	11
	Siltstone, limestone and siltstone, with sandstone, rare nodules.	0	8	90	6

LONDON-YORKSHIRE

Name of Shaft or Bore given by Geological Survey:

6-inch Map
Registered
No.

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SIC46SW 39B

MOTORWAY

584B

SIC46SW 39B

GEOLOGICAL CLASSIFICATION	DESCRIPTION OF STRATA	THICKNESS		DEPTH	
		FT	in.	FT	in.
	8/5 Seatearth Sandstone pale grey, fine grained, with rootlets and scaly plant fragments - top 2' runs below.	4	4	80	6
	Mudstone grey	0	2	86	0
	Sandstone pale grey, fine grained, with rare plant fragments. Passes down to a siltstone at base.	4	0	90	0
	Base of hole.				