

SK 46 SW 1
RECORD OF BOREHOLE NO. P584A

Ground level: 557.8ft. above O.D. Newlyn (5.4.63) Dia. of boring: 8in. to 10ft.
Shell and Auger and NX (2 3/4in. core) to 100ft.
Rotary Core Drilling 8in. to 8ft. 6in.
Type of boring: Lining tubes: NX (3in.) to 10ft.

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata	
	Depth	Percent age or type	Legend	Depth	O.D. Level		
	1'0"	D				FILL (mottled grey and brown silty CLAY with sandstone, burnt shale and coal fragments)	FILL
	6'0"	D					
2.4.63	10'0"	D		8'6"	549.0		
	16'0"			10'0"	547.5		
				11'0"	546.5 approx.	FILL (red burnt shale)	
						Steeply fissured cream-brown fine SANDSTONE	
26.8.63	20'0"	53%		20'0"	537.5	Gray sandy MUDSTONE, weathered and softened at top. Well bedded from 15ft., dip approximately 20°	
		23%				Broken gray muddy fine SANDSTONE with vertical fissures	
	30'0"			30'0"	527.5		
		61%				Well bedded gray MUDSTONE; sandy to 32ft. 6in.; becoming dark and coaly towards base. Strongly broken at 30ft., with occasional vertical fissures throughout	
29.4.63	40'0"						
	45'0"	100%		45'0"	512.5		
						COAL; with thin shale bands	
	50'0"	100%		47'3"	510.5		
						Irregularly laminated gray sandy MUDSTONE; with some vertical fissures	COAL MEASURES
30.2.63	60'0"	56%		58'0"	499.5		
						Laminated gray argillaceous fine SANDSTONE; with near vertical incipient and open fissuring; dip approximately 35°; darker and increasingly argillaceous from 67ft.	
	70'0"	53%		70'0"	487.5		
1.5.63	78'0"	108%					
		72%				Gray MUDSTONE; sandy at top, with 3 inch coal at 83ft. 3in., and becoming shaly and coaly at base. Prominent ironstone bands at 68ft., 71ft., 74ft., and 78ft. 3in. Vertical fissures prominent to 73ft. 9in.	
	84'0"						
		100%		95'0"	462.5		
	94'0"			96'10"	460.7	COAL, bright lustrous, shaly at base	
2.5.63	100'0"	60%		100'0"	457.8	Vertically fissured gray MUDSTONE; with abundant plant remains; dip approx. 30°	



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

Name of Shaft or Bore given by Geological Survey:

LONDON YORKSHIRE

594A

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

Information from

Date received

Examined by

(For Survey use only)

6-inch Map Registered No.

SK46SW39A

Nat. Grid Reference

4487 6092

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.

Sandstone, pale grey, fine grained
Mudstone, grey, very dark grey and carbonaceous in parts (Driller records these parts as coal)

Very weathered, with rusty staining at top.

Plant fragments throughout.

Sandstone, grey, fine grained, with siltstone bands and lamellae.

Conc fragments suggests that there may be some mudstone not recovered.

Mudstone, grey, very silty, with siltstone bands and lamellae.

Occasional plant fragments

Sandstone bands 2" to 25" and 1" to 40"

Much conc missing

20/02/2011 10:55 4m 11/6/12



LONDON YORKSHIRE		6-inch Map Registered No.			
Name of Shaft or Bore given by Geological Survey:		SK46SW 39 A			
MOTORWAY 584A					
GEOLOGICAL CLASSIFICATION	DESCRIPTION OF STRATA	THICKNESS		DEPTH	
		FT	IN.	FT	IN.
	B/S			40	0
	Mudstone, grey, fissile	4	9	44	9
	Mudstone, very dark grey, brittle fissile.	0	3	45	0
	Coal	2	3		
	Siltstone Sandstone, pale grey, fine grained, gossier-like, abundant rootlets.	3	9	51	0
	Sandstone, pale grey, fine grained, Carbonaceous, micaceous, silty, fine lamellae abundant to base.	17	0	68	0
	Passing down to				
	Siltstone, grey, (much cone test), mudstone, grey, silty, with many dronstone bands throughout. Becomes less silty, and more fissile to base.	1	0	69	0
	Coal	14	6	83	6
	Coal	0	3	83	9
	Siltstone, mudstone, grey, rootlets, shale bitric surfaces poorly developed. Cone broken.	0	6	84	3
	Mudstone, grey, rather fissile. Sporadic plant fragments and large dronstone nodules. Plant fragments abundant below 93'5".	10	3	94	6
	Mudstone, very dark grey, brittle fissile, with plant fragments.	0	6	95	0
	Coal	1	10	96	10
	Siltstone, grey, with rootlets	0	4	97	2
	Mudstone, grey, silty, with abundant plant fragments.	2	0	100	0
	base of rock.				

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