



SK46 SW1
RECORD OF BOREHOLE NO. 585A

Ground level : 585.6ft. above O.D. Newlyn (5.4.63) Dia. of boring : 8in. to 8ft. 6in.
Shell and Auger and NX (28in. core) to 60ft.
Type of boring : Rotary Core Drilling Lining tubes : NX (3in.) to 8ft. 6in.

Daily Progress	Core Recovery or Samples		Change of Strata		Description of Strata	
	Depth	Percentage of Type	Legend	Depth		
	2'0"	0		2'0"	584.6	TOPSOIL
29.3.63	2'3"	0		2'6"	582.6	Yellow-brown CLAY
	5'0"	0				
1.4.63	8'3" - 9'9"	80				Fissured and ironstained, brown fine SANDSTONE; irregularly laminated from 8ft. 6in., weathered at top
	8'6"			10'6"	576.1	
		55%				
3.5.63	18'6"					
		50%				Well bedded, fissured grey MUDSTONE; generally broken to 25ft. 6in.; occasional ironstones
	28'6"					
		55%				
4.5.63	38'6"			38'6"	548.1	
	40'6"	100%		39'6"	547.1	Irregularly laminated grey muddy fine SANDSTONE
		85%				
	50'0"					Broken and fissured grey MUDSTONE; sandy laminated from 48ft. 9in. to 50ft.; well bedded and steeply fissured thereafter; strongly broken from 53ft. to 54ft. 6in.
		90%				
6.5.63	60'0"			60'0"	526.6	

Key to type of sample :
U (4) — 4 in. dia. undisturbed sample.
U (1 1/2) — 1 1/2 in. dia. " "
D — disturbed sample.
SD — bulk disturbed sample.
W — water sample.
P { } — standard penetration test.
C { } — dynamic cone penetration test.
No. in brackets gives
No. of blows/12 in. penetration.

Remarks : (Observations on ground-water, etc.)
Ground-water was first encountered at depth of 3ft. below ground level and subsequently rose to depth of 2ft., when a sample was taken.

MINISTRY OF TRANSPORT
LONDON-YORKSHIRE MOTORWAY
TROWELL TO BARLBOROUGH SECTION

Soils No :
3/3547

FIG. 204

GEORGE WIMPEY & CO. LTD. CENTRAL LABORATORY HAYES



GEOLOGICAL SURVEY OF GREAT BRITAIN

RECORD OF SHAFT OR BORE FOR MINERALS

Name of Shaft or Bore given by Geological Survey:

LONDON-YORKSHIRE

585A

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 1967

Information from Jan samples to 8'6" Core below

Date received 1968

Examined by D.V. Frost, C.G. Bonding

(For Survey use only)

6-inch Map Registered No.

SK46SW 40A

Nat. Grid Reference

4492 6126

1" N.S. Map
No.

1" O.S. Map
No.

Confidential
or not

SPECIMEN NUMBERS AND ADDITIONAL NOTES

Jan Samples.

Clay, brown to yellow grey.

Sample at:-

2'0"

Sandstone, fine grained, with iron staining, 4'3"

(For Survey use only)
GEOLOGICAL
CLASSIFICATION

DESCRIPTION OF STRATA

THICKNESS

FT

IN.

DEPTH

FT

IN.

Sandstone buff, fine grained, micaceous, current

1

0

8

6

Mudstone buff, silty, micaceous, with
siltstone laminae

1

0

10

6

Mudstone grey, with ironstone bands
and laminae

Intervals at 25'6"

Becomes darker and less silty below 18'6"

Intervals fragments sparitic below 28'6"

28

2

38

8

Sandstone grey, fine grained with
abundant calcareous - micaceous parting

1

1

32

2

Mudstone, grey, silty.

40

0

Mudstone grey, slightly silty, listric
surfaces in part, otherwise rather
fissile. Becomes more silty to base.

Sparitic nodules.

9

0

49

0

Siltstone grey, with pale grey fine
sandstone laminae.

0

3

49

0

Core fragmenting mudstone and
siltstone fragments

0

8

49

1

Sandstone, pale grey, fine grained.

0

1

50

0

Mudstone grey, dark grey in part, fissile

Intervals 51' - 54'

10

0

60

Sparitic plant fragments in silty part.

10/02/2011 10:55 am 11/6/12

LONDON YORKSHIRE
Name of Shaft or Bore given by Geological Survey:

6-inch Map
Registered
No.

SK46SW 40A

MOTORWAY

GEOLOGICAL CLASSIFICATION	DESCRIPTION OF STRATA	THICKNESS		DEPTH	
		FT	IN.	FT	IN.
	8/5			60	0
	Mudstone, gray, silty, rather fissile	1	6	61	6
	Siltstone, gray, with mudstone lamellae	1	0	62	6
	Sandstone, gray, fine grained, with mudstone and siltstone lamellae, and carbonaceous - mealy parts	1	0	63	6
	Passes down into				
	Siltstone, gray	0	6	64	0
	Mudstone, gray, fissile	1	0	65	0
	Base of hole.				

DS98293/2 P585 4m 11/61 XL