



RECORD

Ground level: 444.8 ft. above O.D. Newlyn (3.7.63.)

Dir. of boring: SK45 NW 232

Type of boring: Shell and Auger and
Rotary Core Drilling

Lining tubes: 4468 6815

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata
	Depth	Percentage or Type	Legend	Depth	O.D. Level	
	2'6"	D		2'6"	461.9	TOPSOIL
	5'0"	D				Stiff mottled grey and brown slightly sandy CLAY with fragments of sandstone
	7'6"	D				
	10'0"	D		10'0"	454.4	
8.5.63.	12'0"	D				Broken and weathered pale grey and brown argillaceous fine SANDSTONE
	12'0"					
		40%		17'0"	447.4	Weathered grey MUDSTONE
				17'6"	446.6	
				19'0"	445.4	
	20'0"					COAL
						SEATEARTH, grading to mudstone
		60%		24'0"	440.4	
	30'0"					
		85%				Weathered brown and grey fine SANDSTONE; occasional near vertical ironstained fissures
	40'0"					
		100%		46'0"	438.4	
9.5.63.	50'0"			50'0"	434.4	Weathered grey MUDSTONE; occasional ironstained fissures

Key to type of sample:

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

Remarks: (Observations on ground-water, etc.)

No ground-water was encountered during boring.
Wash water return lost below 41ft.6in. depth.

MINISTRY OF TRANSPORT
LONDON-YORKSHIRE MOTORWAY

TROWELL TO BARLBOROUGH SECTION

Soils No:

3/5867

FIG. 183

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CENTRAL LABORATORY

HAYES



GEOLOGICAL SURVEY OF GREAT BRITAIN

RECORD OF SHAFT OR BORE FOR MINERALS

Name of Shaft or Bore given by Geological Survey:

568

Name and Number given by owner:

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 1913

Information from J. C. Samples, Cons.

Date received 1913

Examined by D. V. Frost C. G. Bradley

(For Survey use only)

6-inch Map Registered No.

SK45NE 232

Nat. Grid Reference

4468 5815

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.

J. C. Samples.

Clay, yellow-grey
Clay, yellow-grey, with mudstone fragments
Clay
Mudstone, grey-brown, very silty
Mudstone

2 6

5 0

7 6

10 0

12 0

12 0

0 5 12 5

Sandstone, pale brown, fine grained
Mudstone, brown, becoming grey to
black, with sandstone nodules.

5 4 17 9

Coal

1 3 19 0

Sandstone, mudstone, grey, with
lenticular surfaces and rootlets,
sparadic sandstone nodules.

3 0 22 0

Sandstone, pale brown, fine grained,
with laminar staining on joints.
Sparadic sandstone concretions.

Sparadic silty mudstone bands
up to 6" thick.

23 6 45 6

Mudstone, grey-brown, with
sandy laminae.

4 6 50 0

Base of Hole

20582234/0005 4m 11/6/14