



SK45NE100B RECORD OF BOREHOLE NO. 559B

Ground level: 431.5ft. above O.D. Newlyn (4.7.63) Bin. to 5ft.
Dia. of boring: NX (2 1/2 in. core) to 60ft.
Type of boring: Post-hole Auger and Pottery Core Drilling Lining tubes: NX (3 in.) to 10ft.

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata
	Depth	Percentage or Type	Legend	Depth	O.D. Level	
				1'0"	430.5	TOPSOIL
20.4.63	2'0" - 4'0" 5'0"	U(N)		5'0"	426.5	Firm grey and brown silty CLAY with sand and some sandstone fragments
	10'0"	60%		11'0"	420.5	Hard, ironstained, mottled brown and pale green-grey CLAY. Core broken. Fissures in clay from 9ft.9in. to 10ft.6in. filled with ferruginous material
				11'6"	420.0	Weathered grey MUDSTONE
				11'10"	419.7	Bright COAL
22.4.63	26'0"	75%		26'6"	411.5	Grey MUDSTONE, somewhat soapy with plant remains to 13ft. then sandy, poorly bedded with ironstained vertical fissuring. From 14ft.6in. less sandy but with ironstones
		95%				COAL MEASURES
	30'0"					
		76%		37'0"	394.5	Ironstained fissured grey fine SANDSTONE, most strongly broken from 34ft.
	48'0"					COAL
		95%				
23.4.63	56'0"			49'0"	382.0	Grey MUDSTONE, laminated to 39ft.9in. and below 41ft.; steeply inclined fissuring at 48ft.6in.
				51'4"	368.2	COAL
		50%				COAL
24.4.63	60'0"			60'0"	371.5	Poorly bedded grey-green slightly soapy MUDSTONE with abundant plant remains becoming grey with depth
Key to type of sample:			Remarks: (Observations on ground-water, etc.)			
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.			No ground-water was encountered during boring.			
MINISTRY OF TRANSPORT LONDON-YORKSHIRE MOTORWAY TROWELL TO BARLBOROUGH SECTION						Soils No: 5/3547 FIG.168

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:

559 B.

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

Information from

Date received

Examined by

(For Survey use only)

6-inch Map Registered No.

SK45 NE 100 B

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.

Mudstone, grey, with ironstone nodules.

Very weathered, some fragmentary.

Sandstone. Pale buff, medium grained.

Mudstone as above.

Coal.

Seatearth mudstone grey, silty, very
silty and sandy in top 6". Rootlets
abundant, particularly to top. Sporadic
ironstone nodules. Rusty staining on
joints.

Sandstone buff, medium grained, massive,
coarse bedded, with oblique joints
and cracks (unweathered).

The rock becomes grey, fine grained
with silty laminae, and some
micaceous and carbonaceous to
base passes into:-

Siltstone grey,
passes into



Name of Shaft or Bore given by Geological Survey:

557 B

6-inch Map
Registered
No.

SK45NE 100 B

GEOLOGICAL CLASSIFICATION	DESCRIPTION OF STRATA	THICKNESS		DEPTH	
		FT	IN.	FT	IN.
	B/S			39	0
	limestone, grey, silty, with pale grey siltstone bands. 4" thin laminated band at base.	4	0	43	0
	limestone, grey, fine, gradually becoming harder and silty to base, with siltstone bands and micaceous partings.	2	0	45	0
	limestone, grey, very silty, with pale grey siltstone & bands and lamellae, carbonaceous - micaceous partings.	1	6	46	6
	limestone, grey, silty, with hard thin laminated bands.	1	6	48	0
	limestone, grey, soft, cone broken.	1	6	49	6
	Coal.	1	6	51	0
	limestone, grey, becoming harder and silty to base. distinct surfaces and rootlets abundant. Sparitic limestone nodules abundant.				
	Base of hole.			60'	

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