

## RECORD OF BOREHOLE NO. 569

Ground level : 447.0 ft. above O.D. Newlyn (5.7.69.)

8 in. to 2 ft.

Dis. of boring : NX (2 1/2 in.) to 45 ft.

Type of boring : Shell and Auger and Rotary Core Drilling

Lining tubes : NX (3 in.) to 20 ft.

Daily Progress	Core Recovery or Sample		Change of Strata			Description of Strata
	Depth	Percentage or Type	Legend	Depth	O.D. Level	
8.5.63.	2'0"	0		0'6"	446.5	TOP SOIL
	2'0"					
	5'0"	Non-carbon				
	10'0"	10%				Weathered brown medium SANDSTONE
		35%				
				16'8"	446.7	
10.5.63.	20'0"			20'6"	446.5	Weathered and broken shaly COAL
		15%				
	30'0"					Gray MUDSTONE with plant remains, grading to shale
		75%				
	37'0"			36'8"	445.5	
				37'0"	445.0	Weathered gray medium SANDSTONE
11.5.63.	40'0"	75%		40'0"	447.0	Weathered gray shaly and sandy MUDSTONE
13.5.63.	45'0"	72%		45'0"	447.0	Weathered brown and gray medium to fine SANDSTONE

### 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.  
AS { } — standard penetration test.  
C { } — dynamic cone penetration test.

No. in brackets gives No. of blows/12 in. penetration.

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

Wash water return lost below 2 ft. 6 in. depth.

MINISTRY OF TRANSPORT  
LONDON-YORKSHIRE MOTORWAY  
TROWELL TO EARLBOROUGH SECTION

Soils No. :  
8/989

FIG. 184

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CENTRAL LABORATORY



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

Name of Shaft or Bore given by Geological Survey:

5499

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.

SK45NW 233

Nat. Grid Reference

4473 5843

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.  open cast Backfill.	Sandstone, fine-medium grained, with laminar staining			1'-2'	
	Thin sand workings			2'-10'	
				5	0
	Sandstone, yellow-brown, coarse fragmentary (only 2'6" recovered)	15	0	20	0
	Mudstone, grey-brown, silty, with transverse nodules and coal fragments	10	0	30	0
	Silty mudstone, yellowish grey, with nodules and small transverse nodules	1	6	31	6
	Mudstone, grey-brown, becoming grey below 35'6". Plant fragments and transverse nodules throughout.	5	0	36	6
	Sandstone, pale grey, with brown staining, fine grained	0	6	37	0
	Mudstone, grey-brown, silty, with sandy laminae	3	0	40	0
	Sandstone, pale brown, fine grained, with bands and laminae of silty mudstone.	5	0	45	0
	Base of Hole			45	

2590293/1, 25905 4m 11/6/12