



SK 45 NW 1  
RECORD OF BOREHOLE NO. 566

Ground level : 389.1ft. above O.D. Newlyn (N.7.63)      Dia. of boring : 8in. to 17ft.  
Shell and Auger and      NX (29in. core) to 35ft.  
Type of boring : Rotary Core Drilling      Lining tubes : 8in. to 10ft.  
NX (3in.) to 17ft.

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata
	Depth	Percentage or Type	Legend	Depth	O.D. Level	
	2'6" - 4'0"	U(4)		2'6"	386.6	TOPSOIL
	4'0" - 5'0"	D		7'0"	382.1	Firm mottled gray and brown silty CLAY with traces of coal at 8ft. depth
	7'6" - 9'0"	U(4)				Firm gray very silty CLAY with stiff shaly bands and bands of argillaceous fine sandstone
	9'0" - 11'0"	BD		15'0"	338.1	
7.5.63	17'0"	D		17'0"	332.1	Gray argillaceous fine SANDSTONE
	17'0"			18'7"	330.5	COAL
		81%		24'0"	325.1	Dark grey shaly SEATEARTH, grading to shale, with ironstones
	25'0"					Gray SHALE, with thin sandstone laminae and sandy bands to 28ft., and ironstone nodules
15.5.62	35'0"			35'0"	318.1	

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.)

Ground-water was first encountered at depth of 7ft. and rose to 8ft. below ground level, when a sample was taken.

MINISTRY OF TRANSPORT  
LONDON-YORKSHIRE MOTORWAY  
TROWELL TO BARLBOROUGH SECTION

Soils No :  
5/9847

FIG.178

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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:

London - Yorkshire Motorway. Bh. No 566

**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 1963

Information from for Samples, Come.

Date received 1983

Examined by D. V. Frost

## SPECIMEN NUMBERS AND ADDITIONAL NOTES

[illegible]

PS98293/1 PS85 4m 11/61XL