



GEOLOGICAL SURVEY OF GREAT BRITAIN

RECORD OF SHAFT OR BORE FOR MINERALS

Name of Shaft or Bore given by Geological Survey:

LONDON-YORKSHIRE

612 E.

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

Information from

Date received

Examined by

(For Survey use only)

6-inch Map Registered No.

SK46NE 91E

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.

Mod. brown.

Clay, grey-brown, with weathered limestone.

Limestone, brown, silty.

Limestone, " " with sandy lamination.

Limestone, grey, silty.

Limestone, " "

3 0

5 0

8 0

10 0

13 0

19 0

05982931/ p565 4m 11/61 XL



# RECORD OF BOREHOLE NO. 612E

Ground level : 370.9ft. above O.D. Newlyn (30.7.63)

Dia. of boring : 8in.

Type of boring : Shell and Auger

Lining tubes : 8in. to 19ft.

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata <i>SK46NE91E</i>	
	Depth	Percentage or Type	Legend	Depth	O.D. Level		
				1'0"	269.9	TOPSOIL	
	1'6" - 3'0"	U(4) D					
	3'0"	BD					
	5'0"	D					
	5'0"	D					
	6'6" - 8'0"	U(4) D				Very stiff mottled brown and blue-grey silty CLAY with weathered shale fragments	COAL MEASURES
	8'0"	D					
	10'0"	BD					
	10'0"	D					
	12'0"	BD		12'0"	358.9		
	13'0"	D					
	13'0"	D				Weathered dark grey shaly MUDSTONE	
10.6.63	10'0"	BD					
	19'0"	D		19'0"	351.9		
<b>Key to type of sample :</b> U (4) — 4 in. dia. undisturbed sample. U (1½) — 1½ 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.			<b>Remarks : (Observations on ground-water, etc.)</b>  Ground-water was first encountered at a depth of 12ft. below ground level. Below 12ft. depth water was added to assist boring.  † Unable to recover sample.				
MINISTRY OF TRANSPORT LONDON-YORKSHIRE MOTORWAY  TROWELL TO BARLBOROUGH SECTION							Soils No : S/3547  FIG.261