



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

Name of Shaft or Bore given by Geological Survey:

London - Yorkshire Motorway Bt no 618

Name and Number given by owner:

LONDON-YORKSHIRE

For whom made

Town or Village

MOTORWAY County

Exact site

Attach a tracing from a map, or a sketch-map, if possible.

Purpose for which made

Ground Level at <sup>shaft</sup>bore relative to O.D.

If not ground level give O.D. of beginning of <sup>shaft</sup>bore

Made by

Date of sinking 1963

Information from for Samples

Date received 1963

Examined by D. J. Frost

(For Survey use only)

6-inch Map Registered No.

SK46NE72

Nat. Grid Reference

4523 6877

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

Ft

in.

DEPTH

Ft

in.

Clay, pale grey with orange mottles  
Clay, grey and orange  
Mudstone, grey, silty  
Sandstone, grey, thick bedded  
Sandstone, " " "  
Mudstone, grey  
Sandstone, grey, fine grained

3 0  
5 0  
37 8  
9 0  
14 0  
13 0  
16 0



SK46NE72  
4523 6877

SK46NE72  
RECORD OF BOREHOLE NO. 618

Ground level : 160.20  
328.9 ft. above O.D. Newlyn (25.4.53)

Dia. of boring : 8 in.

Type of boring : Shell and Auger

Lining tubes : 8 in. to 7 ft.

Daily Progress	Core Recovery or Sample		Change of Strata			Description of Strata	
	Depth	Percentage of Type	Legend	Depth	O.D. Level		
9.4.63	1'6" - 3'0"	U(4) 0		1'0"	327.8	TOPSOIL	COAL MEASURES
	3'0" - 5'0"	0 80					
	5'0" - 5'0"	0 80		6'0"	322.9	Firm mottled grey and brown silty CLAY	
	7'0" - 7'8"	U(4) 0 0 80		7'8"	321.2	Very stiff grey silty CLAY with bands of weathered grey-brown shale	
	7'8" - 9'0"	0 80					
	9'0" - 9'0"	0 80				Weathered laminated grey-brown SANDSTONE	
	14'0" - 14'0"	0					
	14'0" - 14'0"	0 80		14'6"	318.4		
	14'0" - 14'0"	0 80		14'0"	318.9	Weathered grey silty SHALE	
	14'0" - 14'0"	0 80					
10.4.63							
Key to type of sample :			Remarks : (Observations on ground-water, etc.)				
U (4) — 4 in. dia. undisturbed sample.			No ground-water was encountered during boring. ** Full penetration of sampler not attained.				
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							