

GEOLOGICAL SURVEY OF GREAT BRITAIN

(For Survey use only)

RECORD OF SHAFT OR BORE FOR MINERALS

6-inch Map Registered No.

Name of Shaft or Bore given by Geological Survey:

LONDON-YORKSHIRE

635

44 SE
SK47SE 83

Name and Number given by owner:

MOTORWAY

Nat. Grid Reference

4502 7293

For whom made

Town or Village

County

Exact site

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

1" N.S. Map
No.

1" O.S. Map
No.

Confidential
or not

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 9/3

Information from

Geo Sample

Date received 9/3

Examined by

D. V. Frost

SPECIMEN NUMBERS AND ADDITIONAL NOTES

(For Survey use only)

GEOLOGICAL
CLASSIFICATION

DESCRIPTION OF STRATA

THICKNESS

Ft

In.

DEPTH

Ft

In.

~~limestone~~ grey - dark grey

~~limestone~~ grey

~~limestone~~ grey, with fracture marks.

~~limestone~~ grey, silty.

~~limestone~~ dark grey

14 6

5 0

29 6

30 0

40 0

RECORD OF BOREHOLE NO. 635

4502 7293

SK 47 SE 183

Ground level: 193.7ft. above O.D. Newlyn (29.4.63)

Dis. of boring: 8in.

Type of boring: Shell and Auger

Lining tubes: 8in. to 3ft.

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata	
	Depth	Remarks	Legend	Depth	O.D. Level		
	1'6" - 3'0"	U(4) D		1'0"	192.7	TOP SOIL	
24.4.63	3'0" - 6'6"	U(4)		9'0"	188.7	Stiff fissured mottled gray and brown slightly sandy silty CLAY	RECENT ALLUVIUM
	10'0" - 11'0"	D(21) D		12'8"	181.2	Medium coarse medium GRAVEL	
	11'0" - 13'0"	U(4) D					
	13'0" - 14'6"	U(4) D					
	14'6" - 15'0"	D					
	16'0" - 19'6"	U(4) D					
	19'6" - 20'0"	D					
	20'0" - 22'0"	D					
	22'0" - 24'6"	U(4) D					
	24'6" - 28'0"	U(4) D					
	28'0" - 29'6"	U(4) D					
	29'6" - 33'0"	U(4) D		34'0"	159.7		COAL MEASURES
25.4.63	33'0" - 35'0"	D					
	35'0" - 40'0"	D					
	40'0" - 40'0"	D		40'0"	153.7	Black SHALE	

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

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

Ground-water was first encountered at depth of 9ft. below ground level and a sample was taken.
Water was added to assist boring.
as Full penetration of sampler not attained.