

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

47 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

Information from

Date received

Examined by

SPECIMEN NUMBERS AND ADDITIONAL NOTES

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GEOLOGICAL
CLASSIFICATION

DESCRIPTION OF STRATA

THICKNESS

Ft

In.

DEPTH

Ft

In.

London grey - dark grey

London grey

London grey, with traction marks

London grey, silty

London dark grey

14 6

15 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 to 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 | | |
| | 33'0" - 35'0" | D | | | | | |
| | 35'0" - 37'0" | D | | | | | |
| 25.4.63 | 40'0" - 40'0" | D | | 40'0" | 153.7 | Black SHALE | COAL MEASURES |
| | 40'0" - 40'0" | D | | | | | |

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.