



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

Name of Shaft or Bore given by Geological Survey:

LONDON-YORKSHIRE

615

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 69

Nat. Grid Reference

4539 6806

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.

Sandstone pale grey, fine grained
Carbonaceous - occasional partings
common to 25', thence below.
Many finely comminuted plant
fragments, 29' 30' the rock is
also brown - colour here
(Limestone sandstone?)
Sandstone pale grey, very fine grained
Coal
Sandstone mudstone, grey, with many
coaly partings.
Mudstone grey, silty, with sandy
laminae and plant fragments.
Alternation of Sandstone (fine grained)
Mudstone
Mudstone, silty
Sandy limestone sand below 37'.
Sandy plant fragments.
Mudstone grey, silty, with limestone
bands.

19

6

31

0

0

5

31

5

1

9

33

2

0

6

33

8

0

4

34

0

9

6

43

6

1

3

44

9

20180223/1 1505 4m 1/161 XL



LONDON - YORKSHIRE		6-inch Map Registered No.			
Name of Sheet or Bore given by Geological Survey:		SK46NE/69			
MOTORWAY		C15			
GEOLOGICAL CLASSIFICATION	DESCRIPTION OF STRATA	THICKNESS		DEPTH	
		FT	IN.	FT	IN.
	Boonville formation.			46	9
	limestone, dark grey, silty, with abundant sandstone bands and laminae	1	3	46	0
	Coal.	0	1	46	1
	limestone, grey, silty, with sandy laminae and coal seams.	0	5	46	6
	Coal. some fragmentary.	1	4	47	10
	limestone, dark grey, silty, with plant fragments.				
	limestone, dark grey, silty, with plant fragments.	1	8	47	6
	limestone, dark grey, carbonaceous, fossil fragments near base.	0	6	50	0
	Base of Hole.				

20102293/2 P305 4m 11/81 XL

GEOLOGICAL SURVEY OF GREAT BRITAIN

RECORD OF SHAFT OR BORE FOR MINERALS

Name of Shaft or Bore given by Geological Survey:

London - ~~which~~ not easy 34 up 615 A.

Name and Number given by owner:

For whom ~~and~~ me!

Town or Village.

County.

Exact site

MO T 2 1 1 1

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

Purpose for which made.

Ground Level at ^{shaft}_{base} relative to O.D.

If not ground level give O.D. of beginning of shaft bore.

Made by

Date of sinking.....9.6.52

Information from Joe Samplel

Date received.....26.....

Examiné par D. J. Smith

SPECIMEN NUMBERS AND ADDITIONAL NOTES

[illegible]

PS98293/1 PS85 4m 11/61XL

GEOLOGICAL SURVEY OF GREAT BRITAIN

RECORD OF SHAFT OR BORE FOR MINERALS

Name of Shaft or Bore given by Geological Survey:

London - Larkhall motorway. Bl no 65B.

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 shaft ^{base} 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

Date received.....963

Examined by D. V. Frost

SPECIMEN NUMBERS AND ADDITIONAL NOTES

[illegible]



SK46NE 69

4539 6806. RECORD OF BOREHOLE NO. 615A
SK46 NE 169

Ground level : 273.8ft. above O.D. Newlyn (25.4.63) Dia. of boring : 8in.

Type of boring : Shell and Auger Lining tubes : 8in. to 18ft.

				1'0"	272.8	TOP SOIL	
	3'0" - 4'6"	U (4)				Stiff grey sandy silty CLAY with some fragments of sandstone	
	4'6" - 5'0"	D		5'0"	268.8		
	5'0" - 6'6"	U (4)				Very stiff grey silty CLAY with bands of weathered grey silty shale	
	6'6" - 10'0"	D					
	10'0" - 11'6"	U (4)					
	11'6" - 14'0"	D		14'0"	259.8		
	14'0" - 18'0"	BD				Weathered grey silty SHALE	
	18'0" - 18'0"	D		18'0"	253.8		
10.4.63	18'0" - 20'0"	BD		20'0"	253.8	Grey silty SHALE	

Key to type of sample :
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

Remarks : (Observations on ground-water, etc.)
B.H.614 Ground-water was first encountered at a depth of 12ft. below ground level. Sample of ground-water taken.
B.H.615A Ground-water was first encountered at a depth of 10ft. below ground level. Sample of ground-water taken.



SK46NE 69

SK46 NE / 69
RECORD OF BOREHOLE NO. 615B

Ground level : 296.4 ft. above O.D. Newlyn (25.4.63) Bin. to 11ft. 6in.
Dia. of boring : NX (2in. core) to 50ft. 12ft.
Type of boring : Shell and Auger and Rotary Core Drilling Lining tubes : NX (3in.) to 12ft.

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata	
	Depth	Permeability or Type	Legend	Depth	O.D. Level		
	1' 6"	D		1' 0"	295.4	TOP SOIL	
17.4.63	3' 6" - 5' 0" 5' 0"	U(4) D					Firm to stiff brown and gray-brown silty and sandy CLAY with silty shale and sandstone fragments
	8' 6" - 10' 0" 10' 0" 8' 0" - 10' 6" 11' 6" 11' 6"	U(4) D BD D					
18.4.63					10' 6"	285.9	
	13' 0"	90%					Generally broken poorly laminated grey medium to fine SANDSTONE, slightly rusty weathered at top
		100%					
	24' 0"						
		100%		31' 8"	265.0		
7.5.63	34' 0"			33' 8"	263.0	COAL	
		100%				Poorly laminated grey MUDSTONE, sandy in parts, with plant remains. Shaly towards base. Coal from 47ft. to 47ft. 6in.	
	44' 0"						
8.9.63	50' 0"	95%		50' 0"	246.4		