



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		SK47SE 87	
Name and Number given by owner: MOTORWAY		Nat. Grid Reference 4551 7360	
For whom made		1" N.S. Map No.	1" O.S. Map No.
Town or Village		Confidential or not	
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 1963	
Information from J. C. Sample Co.		Date received 1963	
Examined by C. J. Bondary J. J. 4-8-63			

SPECIMEN NUMBERS AND ADDITIONAL NOTES

(For Survey use only) GEOLOGICAL CLASSIFICATION	DESCRIPTION OF STRATA	THICKNESS		DEPTH	
		FT	IN.	FT	IN.
J.C. Sample Co.	Clay, grey - brown			4	0
	Clay with coal dust.			5	0
	Bedstone, grey - brown with sandy laminae.			7	6
	Sandstone, brown, fine grained.			8	6
				8	6
	No core (lost).	3	6	11	0
	Sandstone, pale grey - buff, fine grained				
	Carbonaceous - micaceous partings and mudstone and siltstone lamellae.				
	Plant fragments.	1	3	12	3
	Siltstone, grey, with carbonaceous - micaceous partings and sandstone lamellae. Mudstone lamellae occur towards base.				
	Plant fragments throughout.	0	9	13	0
	Mudstone, grey, silty in top 9". Very weathered, with laminar staining.	9	0	22	0
	Mudstone, dark grey, silty, becoming less silty toward base. Sandstone bands.				
	Mudstone (partly preserved) throughout.	13	0	35	0
	Mudstone, grey - dark grey, slightly silty, with fossiliferous lamellae and mudstone fragments. <i>Sp. rostris</i> sp.				

10/80223/1 1/305 4m 1/61 XL

PS98293/2 PS85 4m 11/61XL

RECORD OF BOREHOLE NO. 642

Ground level : 235.9ft. above O.D. Newlyn (16.7.63.)

Dia. of boring : 8in. to 8ft. 6in.,
390 (3in. core) to 50ft.

Type of boring: Shell and Auger and Rotary Core Drilling

Lining tubes : 8in. to 6ft. 8in.,
N (4in.) to 25ft.

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata
	Depth	Percentage or Type	Legend	Depth	O.D. Level	
				2'0"	233.9	TOPSOIL
	3'0" - 4'0" 4'0" - 5'0"	U(4) D		4'6"	231.4	Very stiff fissured mottled grey and brown silty CLAY
7.5.63.	6'0" - 7'6" 8'6" - 8'6"	U(4) D		8'0"	227.9	Weathered shattered black coaly SHALE with some silty clay
		100%				Weathered, ironstained, vertically fissured irregularly laminated light and dark grey fine SANDSTONE, broken at top; in part containing iron fissures penetrates adjacent bedding planes. Occasional clayey bands.
29.5.63.	13'6"			12'9"	223.1	
		60%				
	22'0"					
30.5.63.	26'0"	76%				
		100%				Ironstained vertically fissured, gray MUDSTONE; sandy to 15ft. approx.; at 21ft. approx. irregularly laminated and broken with occasional ironstones; mussel band at 30ft. and 35ft. Other shelly fossils towards base.
	35'0"					
		100%				
	45'0"					
		100%				
31.5.63.	50'0"			50'0"	185.9	

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.)

No ground-water was encountered during boring

** Full penetration of sampler not attained

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6-inch Map Registered No.

Name of Shaft or Bore given by Geological Survey:

London - Jorhaim Motorway Bh no 662B

SK47SE87

Name and Number given by owner:

Name and Number given by owner: **LONDON-YORKSHIRE**

Nat. Grid Reference

For whom made

Town or Village..

Exact site.

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 Com.

Date received.....1963

Examined by C. E. Bradley

SPECIMEN NUMBERS AND ADDITIONAL NOTES

[illegible]

GEOLOGICAL SURVEY OF GREAT BRITAIN

RECORD OF SHAFT OR BORE FOR MINERALS

Name of Shaft or Bore given by Geological Survey:

London - Yorkshire Motorway. B1 No 642C

Name and Number given by owner.

For whom made

Town or Village..

Exact site

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

Information from Census

Examinined by C. E. Bradley

(For Survey use only)

6-inch Map Registered No.

514475E87

Nat. Grid Reference

1° N.S. Map
No.

1" O.S. Map
No.

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or not

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SPECIMEN NUMBERS AND ADDITIONAL NOTES

[illegible]

DS98293/1 PS85 4m 11/61XL

[illegible]