



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: <b>LONDON-YORKSHIRE</b>		SK47SE 87	
Name and Number given by owner: <b>MOTORWAY</b>		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, D.I. 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 1/805 4m 1/61 XL

DS90293/2 PS85 4m 11/61 XL



RECORD OF BOREHOLE NO. 642

SK 47SE/87

4551 7360

Ground level : 225.9ft. 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. 6in.,  
H (8in.) to 2ft.

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 D		4'6"	231.8	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
29.5.63.	13'6"	100%		12'9"	223.1	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.
	22'0"	60%				COAL MEASURES
30.5.63.	26'0"	76%				
	35'0"	100%				
	45'0"	100%				
31.5.63.	50'0"	100%		50'0"	185.9	Ironstained vertically fissured, grey 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.
Key to type of sample : U (4) — 4 in. dia. undisturbed sample. U (1 1/2) — 1 1/2 in. dia. " " D — disturbed sample. " SD — bulk disturbed sample. W — water sample. S { } — standard penetration test. C { } — dynamic cone penetration test.						
Remarks : (Observations on ground-water, etc.)  No ground-water was encountered during boring ** Full penetration of sampler not attained						

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

Name of Shaft or Bore given by Geological Survey:

Name of Shaft or Bore given by Geological Survey: London - Foreman Motorway BH no 662B

Name and Number given by owner: 1968 Ford

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.

Purpose for which made.....

Ground Level at shaft 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

(For Survey use only)	DESCRIPTION OF STRATA	THICKNESS		DEPTH	
GEOLOGICAL CLASSIFICATION		Ft	in.	Ft	in.
				5	0
	<u>Open cast backfill. Mainly mudstone fragments, with yellow clay.</u>	36	3	41	3
	<u>Sandstone. Grey, fine grained, with bands or laminae of silty mudstone and siltstone. In continuous passage from one to another</u>	8	9	50	0
	Base of Hole.				



GEOLOGICAL SURVEY OF GREAT BRITAIN

RECORD OF SHAFT OR BORE FOR MINERALS

Name of Shaft or Bore given by Geological Survey:

London - Yorkshire Motorway Dr No 6426

Name and Number given by owner:

LONDON-YORKSHIRE

For whom made

MOTORWAY

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 <sup>shaft</sup><sub>bore</sub> relative to O.D.

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

Made by

Date of sinking 1963

Information from Cous

Date received 1963

Examined by C G Bradley

(For Survey use only)

6-inch Map Registered No.

SK47SE87

Nat. Grid Reference

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.

hardstone grey, silty, soft and broken.

Can fragmentary.

Sandstone, pale grey, fine grained,  
micaceous, with sporadic plant

fragments.

hardstone grey, silty.

1" thin indurated band at 31'3"

Abundant plant fragments.

Can fragmentary in parts.

hardstone, pale grey, silty, carbonaceous,  
with plant fragments.

Sand

hardstone, black, carbonaceous.

Slightly hardstone, grey, slightly  
lentic, with plant fragments.

Can fragmentary.

Siltstone, grey, with abundant plant  
fragments.

2598293/1 1385 4m 11/61 XL



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