



RECORD OF BOREHOLE NO. 572

Ground level : 874.0 ft. above O.D. Newlyn (8,7,63.)

Dia. of boring : NX (2 1/2 in. core)

Type of boring : Rotary Core Drilling

Lining tubes : NX (3 in.) to 10 ft.

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata
	Depth	Percent age or type	Legend	Depth	O.D. Level	
	0'0"	Non coring				Clay and weathered rock fragments
	7'0"			7'0"	867.6	Very stiff brown sandy CLAY
		100%		9'0"	865.0	Ironstained grey soapy MUDSTONE with abundant plant remains
	12'0"			9'8"	864.5	
		75%				Weathered heavily ironstained vertically fissured rusty brown MUDSTONE; sandy in part; multiple fissures occasionally healed with calcite
	16'0"			16'0"	858.0	
		65%				Irregularly laminated grey and pale brown argillaceous fine SANDSTONE; ironstained vertical fissures and bedding planes
	26'0"					
		70%		31'0"	843.0	
						Broken grey SHALE and MUDSTONE
	36'0"			35'9"	838.7	
				36'3"	837.7	Poorly laminated grey fine SANDSTONE
		100%		39'6"	833.5	Broken grey SHALE and MUDSTONE
13.5.63.	40'0"			40'0"	828.0	Grey medium SANDSTONE

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 test.
No. in brackets gives No. of blows/12 in. penetration.

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

Wash water return lost at 17ft. depth.

MINISTRY OF TRANSPORT
LONDON-YORKSHIRE MOTORWAY
TROWELL TO BARLBOROUGH SECTION

Soils No :
8/3547
FIG. 187

GEORGE WIMPEY & CO., LTD.

CENTRAL LABORATORY

HAYES

GEOLOGICAL SURVEY OF GREAT BRITAIN

RECORD OF SHAFT OR BORE FOR MINERALS

(For Survey use only)

6-inch Map Registered No.

Name of Shaft or Bore given by Geological Survey:

572

SK45M) 236

Name and Number given by owner:

Nat. Grid Reference

For whom made

4485 5875

Town or Village..

County

Exact site.

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

1st 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.....1963

Information from Cons.

Date received 1963

Examined by C. C. Bradley D. v Frost.

SPECIMEN NUMBERS AND ADDITIONAL NOTES

[illegible]

OS98293/1 PS85 4m 11/61XL