



# RECORD OF BOREHOLE NO. 574

Ground level: 546.5ft. above O.D. Newlyn (29.4.63)

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

Type of boring: Rotary Core Drilling

Lining tubes: NX (3 in.) to 5ft.

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata
	Depth	Percentage or Type	Legend	Depth	O.D. Level	
	0'0"					Sandy CLAY, broken SANDSTONE
	5'0"	Non Coring		5'0"	541.5	
	10'0"	100%				
	20'0"	85%		19'6"	527.0	
	20'5.63	100%		20'0"	522.5	
	20'5.63	100%				Broken and weathered massive brown medium SANDSTONE; frequent near vertical ironstained fissures
	38'0"					
	21'5.63	50%		40'0"	506.5	Broken grey shaly MUDSTONE; plant remains common to 29ft., but thereafter sparse in massive mudstone with some ironstones
	40'0"					

**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 9ft. depth.

MINISTRY OF TRANSPORT  
LONDON-YORKSHIRE MOTORWAY  
TROWELL TO BARLBOROUGH SECTION

Soils No: 3/3547  
**FIG.191**

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CENTRAL LABORATORY

HAYES



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:		SK45NE102		
Name and Number given by owner:		Nat. Grid Reference		
		4501 5940		
For whom made		1" N.S. Map No.	1" O.S. Map No.	Confidential or not
Town or Village				
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				

SPECIMEN NUMBERS AND ADDITIONAL NOTES

(For Survey use only) GEOLOGICAL CLASSIFICATION	DESCRIPTION OF STRATA	THICKNESS		DEPTH	
		FT	IN.	FT	IN.
				5	0
	Sandstone, pale brown, fine grained, with vertical fractures.	13	0	18	0
	Silty sandstone, bands of laminae 8"-11"	2	0	20	0
	Sandstone, grey-brown, silty, patches	4	0	24	0
	Sandstone, grey, with sandstone nodules up to 2" thick, small fragments.	11	0	35	0
	Sandstone, grey, silty, with sandstone bands and plant fragments.	0	10	65	10
	Siltstone, grey.	4	2	40	2
	Sandstone, grey, silty.				
	Base of hole.				

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