



SK45NE 98
4521 5646

RECORD OF BOREHOLE NO. P5577II

Ground level: 453.8 ft. above O.D. Newlyn (3.4.63)

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

SK45NE/98

Type of boring: Rotary Core Drilling

Lining tubes: 1X (3 in. 1 to 4 ft.)

Daily Progress	Core Recovery or Samples		Change of Strata		Description of Strata
	Depth	Percentage of type	Legend	Depth	
	0'0"				
	5'0"	Non Coring		4'0"	446.6
	10'0"	30%		10'0"	443.0
				11'6"	442.3
				12'6"	441.3
	17'0"	100%		16'6"	437.3
	26'0"	100%			
		100%			
11.9.63	36'0"				
		100%		41'0"	412.0
	41'0"				
		63%		46'3"	407.5
1.6.63	50'0"				
		67%		56'0"	397.8
8.6.63	60'0"			60'0"	393.8
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.)		
MINISTRY OF TRANSPORT LONDON-YORKSHIRE MOTORWAY TROWELL TO BARLBOROUGH SECTION					Soils No: S/3547 FIG. 164
GEORGE WIMPEY & CO., LTD.					CENTRAL LABORATORY HAYES



SK45NE98
4521 5646

SK 45 NE 1
RECORD OF BOREHOLE NO. 557/I

SK45NE/98

Ground level: 452.8 ft. above O.D. Newlyn (3.4.63)

Dia. of boring: 6 in.

Type of boring: Shell and Auger

Lining tubes: Not used

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata
	Depth	Percentage or Type	Legend	Depth	O.D. Level	
11.3.63	0'6"	D				TOPSOIL
	3'0"	D		3'0"	450.8	Soft dark grey silty CLAY with coal fragments
	3'6" - 5'0"	U(4) D		4'0"	449.8	
	5'0"	D				Soft grey-brown silty CLAY with fragments of shale
	8'0"	D		8'0"	445.8	Firm dark grey silty CLAY with fragments of shale
	8'6" - 10'0"	U(4) D		10'0"	443.8	Weathered black coaly SHALE
	10'0"	D		12'0"	441.8	
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. % () — standard penetration test. C () — dynamic cone penetration test. No. in brackets gives No. of blows/12 in. penetration.			Remarks: (Observations on ground-water, etc.) Ground-water was first encountered at depth of 7 ft. below ground level. Sample of ground-water taken.			
MINISTRY OF TRANSPORT LONDON-YORKSHIRE MOTORWAY TROWELL TO BARLBOROUGH SECTION						Soils No: S/3547
						FIG. 163

GEORGE WIMPEY & CO., LTD.

CENTRAL LABORATORY

HAYES



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

Name of Shaft or Bore given by Geological Survey:

557.

Name and Number given by owner:

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 1963

Information from Com.

Date received 1963

Examined by D. J. Frost

(For Survey use only)

6-inch Map Registered No.

Nat. Grid Reference

4521 5646

SK45NE 98

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.
				15	0
	hardstone, pale grey, with transition nodules (weathered to clay)	5	0	10	0
	hardstone, dark grey, with laminar staining w/ sandy parting at base.	1	6	11	6
	Coal.	1	0	12	6
	darkish hardstone, pale grey, lentic, with rootlets.				
	transition nodules below 14' 6"	4	6	17	0
	hardstone, grey-brown, slightly silty at top, becoming silty to base.				
	Plant fragments.	5	6	22	6
	hardstone, grey-brown, lentic, with transition nodules w/ plant fragments.	11	6	34	0
	hardstone, grey-brown, silty, with sporadic transition nodules.	7	9	41	7
	Coal.	4	3	46	3
	darkish hardstone, grey, with transition nodules w/ rootlets.	5	9	52	0
	darkish grey, with sandy laminae w/ plant fragments.	8	0	60	0
	Base of Hole				

Top Hard Roof?

Top Hard?

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