



SK 46 SW 1  
RECORD OF BOREHOLE NO. 5858

Ground level : 587.7ft. above O.D. Newlyn (5.4.63)

Bin. to 18ft.

Dia. of boring : NX (2 1/2 in. core) to 65ft.

Type of boring : Shell and Auger and  
Rotary Core Drilling

Lining tubes : NX (3 in.) to 18ft.

Daily Progress	Core Recovery or Samples		Change of Strata		Description of Strata
	Depth	Percentage age of type	Legend	Depth O.D. Level	
	1'0" - 2'6"	U(4) D		1'0" 586.7	TOPSOIL
	2'6" - 3'6"	U(4) D		6'0" 581.7	Stiff fissured mottled gray and brown silty CLAY with fragments of weathered brown shale
	3'6" - 8'6"	U(4) D			Stiff dark grey silty CLAY with bands of weathered grey-brown shale
	8'6" - 10'0"	U(4) D			
1.4.63	14'0" - 14'0"	D		14'0" 573.7	
	18'0"	75%			COAL MEASURES
		100%			
	26'0"				
		67%			
19.4.63	35'0"				
		90%			
	45'0"				
		100%			
20.4.63	50'0"				
		60%			
	60'0"				
		50%			
22.4.63	65'0"			65'0" 522.7	

**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.)**  
Ground-water was first encountered at depth of 12ft. below ground level, when a sample was taken.

MINISTRY OF TRANSPORT  
LONDON-YORKSHIRE MOTORWAY  
TROWELL TO BARLBOROUGH SECTION

Soils No :  
S/3847  
FIG.205

GEORGE WIMPEY & CO., LTD. CENTRAL LABORATORY HAYES

## GEOLOGICAL SURVEY OF GREAT BRITAIN

## RECORD OF SHAFT OR BORE FOR MINERALS

Name of Ship or Boat given to Geological Survey:

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.....1943

Information from for Samples and Cons

Date received 1943

Examined by D. J. Frost C. G. Bradley

## SPECIMEN NUMBERS AND ADDITIONAL NOTES

(For Survey use only) GEOLOGICAL CLASSIFICATION	DESCRIPTION OF STRATA	THICKNESS		DEPTH	
		Ft	In.	Ft	In.
far Samples. {	Clay mottled, light gray and brown.			9	6
	limestone gray.	Samples		5	0
	limestone gray.	at ---		6	0
	limestone dark gray, slightly silty			10	0
	limestone dark gray			14	0
	limestone gray, fissile. massive and fish scales 20'-25' and sporadic throughout limestone bands up to 6" thick sporadic throughout Below 58' 6" becomes silty.	45	0	59	0
	<u>Siltstone</u> , gray.	0	6	59	6
	<u>Sandstone</u> , gray, fine grained, with conchoidal micaceous partings and silty lamellae.	0	6	60	0
	Base of Hill.				