



RECORD OF BOREHOLE NO.578

Ground level: 557.9ft. above O.D. Newlyn (10.4.63) Dia. of boring: 8in. to 12ft.
Shell and Auger and Rotary Core Drilling Lining tubes: 8in. (2in. core) to 90ft.
Type of boring: Shell and Auger and Rotary Core Drilling Lining tubes: 8in. (2in.) to 13ft.

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata
	Depth	Perforation or Type	Legend	Depth	O.D. Level	
	1'0" - 2'6" 2'6"	U(8) D		0'6"	556.8	TOPSOIL
	7'0"	D				Weakly cemented mottled gray and brown clayey fine SAND with some sandy clay, bands of weathered argillaceous fine sandstone
5.4.63	12'0" 12'0"	D		12'0"	555.9	
		705				Pale gray fine SANDSTONE; weathered rusty brown to 13ft.6in.; from 16ft. to 17ft. with ironstained irregular laminae; from 18ft.6in. irregularly laminated throughout, with occasional slump bedding and frequent open and incipient vertical fissures, partly ironstained. Particularly broken at 20ft. and 29ft.
10.4.63	30'0"			30'0"	552.9	

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.)

No ground-water was encountered during boring.

MINISTRY OF TRANSPORT
LONDON-YORKSHIRE MOTORWAY
TROWELL TO BARLBOROUGH SECTION

Soils No:
8/3887

FIG.195

GEORGE WIMPEY & CO., LTD.

CENTRAL LABORATORY

MADES

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

Name of Shaft or Bore given by Geological Survey:

LONDON-YORKSHIRE

578

Name and Number given by owner:

MOTORWAY

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 Joe Sample, Coal

Date received.....96

Examined by D. V. Frost C. E. Bradley

SPECIMEN NUMBERS AND ADDITIONAL NOTES

[illegible]