

[illegible]



RECORD OF BOREHOLE NO. 607

Ground level : 362.3ft. above O.D. Newlyn (1.4.63) Dia. of boring : 8in. to 10ft. 6in.
Shell and Auger and Rotary Core Drilling BX (2 1/2 in. core) to 20ft.
Type of boring : Lining tubes : BX (2 1/2 in.) to 10ft. 6in.

| Daily Progress | Core Recovery or Samples | | Change of Strata | | | Description of Strata | |
|----------------|--------------------------|--------------------|------------------|-------|------------|---|---------------|
| | Depth | Percentage or Type | Legend | Depth | O.D. Level | | |
| | 1'0" 1'0" | D BD | | 0'9" | 361.5 | TOPSOIL | COAL MEASURES |
| | 5'0" | D | | 5'0" | 357.3 | Brown clayey SAND, with sandstone fragments | |
| | 7'0" 7'0" | BD D | | | | Weathered brown SANDSTONE with some clayey sand | |
| 15.3.63 | 10'0" 10'6" | D | | 10'6" | 351.8 | | |
| | 15'0" | 11% | | | | False bedded brown SANDSTONE | |
| 19.3.63 | 20'0" | 40% | | 20'0" | 342.9 | | |

RECORD OF BOREHOLE NO. 608

Ground level : 363.5ft. above O.D. Newlyn (1.8.63) Dia. of boring : 8in. to 10ft.
Shell and Auger and Rotary Core Drilling BX (2 1/2 in. core) to 20ft.
Type of boring : Lining tubes : BX (2 1/2 in.) to 10ft.

| | | | | | | | |
|---------|-------------------------|-----------|--|-------|-------|--|---------------|
| 14.3.63 | 1'6" - 3'0" | U(8) D | | 1'0" | 362.5 | TOPSOIL | COAL MEASURES |
| | 5'0" | D | | 5'0" | 358.5 | Stiff light grey-brown sandy CLAY and clayey SAND with sandstone fragments | |
| 15.3.63 | 10'0" 10'0" 10'0" | D BD | | | | Yellow and brown coarse SANDSTONE with ironstained joints | |
| | 15'0" | 68% | | 15'0" | 347.5 | | |
| 18.3.63 | 20'0" | 96% | | 20'0" | 343.5 | False bedded brown and grey coarse 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.
E { } — standard penetration test.
C { } — dynamic cone penetration test.
No. in brackets given
No. of blows/12 in. penetration.

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

B.H. 607 Ground-water was first encountered at depth of 10ft. below ground level.
Sample of ground-water taken.
B.H. 608 No ground-water was encountered during boring.

MINISTRY OF TRANSPORT
LONDON-YORKSHIRE MOTORWAY
TROWELL TO BARLBOROUGH SECTION

Soils No.
S/3587

FIG. 251