

RECORD OF BOREHOLE NO. 569

Ground level : 447.0 ft. above O.D. Newlyn (5.7.69.)

8 in. to 2 ft.

Dis. of boring : NX (2 1/2 in.) to 45 ft.

Type of boring : Shell and Auger and Rotary Core Drilling

Lining tubes : NX (3 in.) to 20 ft.

| Daily Progress | Core Recovery or Sample | | Change of Strata | | | Description of Strata |
|----------------|-------------------------|--------------------|------------------|-------|------------|----------------------------------------------------|
| | Depth | Percentage or Type | Legend | Depth | O.D. Level | |
| 8.5.63. | 2'0" | 0 | | 0'6" | 446.5 | TOP SOIL |
| | 2'0" | | | | | |
| | 5'0" | Non-carbon | | | | |
| | 10'0" | 10% | | | | Weathered brown medium SANDSTONE |
| | | 35% | | | | |
| 10.5.63. | 20'0" | | | 16'8" | 446.7 | |
| | | | | 20'6" | 446.5 | Weathered and broken shaly COAL |
| | | 15% | | | | |
| | 30'0" | | | | | Gray MUDSTONE with plant remains, grading to shale |
| | | 75% | | | | |
| | 37'0" | | | 36'8" | 445.5 | |
| | | | | 37'0" | 445.0 | Weathered gray medium SANDSTONE |
| 11.5.63. | 40'0" | 75% | | 40'0" | 447.0 | Weathered gray shaly and sandy MUDSTONE |
| | | | | | | |
| 13.5.63. | 45'0" | 72% | | 45'0" | 447.0 | Weathered brown and gray medium to fine SANDSTONE |

COAL MEASURES

Key to type of sample :

- U (4) — 4 in. dia. undisturbed sample.
- U (1 1/2) — 1 1/2 in. dia. " "
- D — disturbed sample.
- SD — bulk disturbed sample.
- W — water sample.
- AS { } — standard penetration test.
- CS { } — dynamic cone penetration test.

No. in brackets gives No. of blows/12 in. penetration.

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

Wash water return lost below 2 ft. 6 in. depth.

MINISTRY OF TRANSPORT
LONDON-YORKSHIRE MOTORWAY
TROWELL TO EARLBOROUGH SECTION

Soils No. :
8/989

FIG. 184

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CENTRAL LABORATORY



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

Name of Shaft or Bore given by Geological Survey:

5499

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

Information from

Date received

Examined by

(For Survey use only)

6-inch Map Registered No.

SK45NW 233

Nat. Grid Reference

4473 5843

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. |
| for samples. open cast Backfill. | Sandstone, fine-medium grained, with laminar staining | | | 1'-2' | |
| | Thin sand workings | | | 2'-10' | |
| | | | | 5 | 0 |
| | Sandstone, yellow-brown, coarse fragmentary (only 2'6" recovered) | 15 | 0 | 20 | 0 |
| | Mudstone, grey-brown, silty, with fragmentary nodules and sand fragments | 10 | 0 | 30 | 0 |
| | Siltstone, yellowish grey, with nodules and small fragmentary nodules | 1 | 6 | 31 | 6 |
| | Mudstone, grey-brown, becoming grey below 35'6". Plant fragments and fragmentary nodules throughout. | 5 | 0 | 36 | 6 |
| | Sandstone, pale grey, with brown staining, fine grained | 0 | 6 | 37 | 0 |
| | Mudstone, grey-brown, silty, with sandy laminae | 3 | 0 | 40 | 0 |
| | Sandstone, pale brown, fine grained, with bands and laminae of silty mudstone. | 5 | 0 | 45 | 0 |
| | Base of Hole | | | 45 | |

2590293/1, 25905 4m 11/6/12