

GEOLOGICAL SURVEY OF GREAT BRITAIN

RECORD OF SHAFT OR BORE FOR MINERALS

Name of Shaft or Bore given by Geological Survey:

Name and Number given by owner:

For whom made

Town or Village.

Exact site.

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

Information from.

Examined by.

(For Survey use only)

6-inch Map Registered No.

SK46NE82

Nat. Grid Reference

4539 6622

1st N.S. Map
No.

17 O.S. Mag
No.

Confidential!
or not

(Attach a tracing from a map, or a sketch-map, if possible.

SPECIMEN NUMBERS AND ADDITIONAL NOTES

[illegible]



RECORD OF BOREHOLE NO. 603

Ground level : 371.2ft. above O.D. Newlyn (1.4.63)

Dia. of boring : 8in. to 9ft.
BX (1 1/2 in. core) to 20ft.

Type of boring : Shell and Auger and
Rotary Core Drilling

Lining tubes : BX (3 1/2 in.) to 10ft.

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata	
	Depth	Percentage or Type	Legend	Depth	O.D. Level		
16.3.63	2'0" - 3'0"	D 80		2'0"	369.2	TOPSOIL	COAL MEASURES
	5'0" - 6'6"	U(8) D 80		5'0"	366.2	Brown clayey SAND and sandy CLAY with yellow sandstone fragments	
	8'6" - 9'0"	D 80		8'6"	362.7	Stiff brown sandy silty CLAY with sandstone fragments	
20.3.63		33%				False bedded brown coarse SANDSTONE	COAL MEASURES
	15'0" - 15'9"	100%		15'0"	355.8		
		98%		19'0"	352.2	Black coaly SHALE with thin bright coal bands	
	20'0"			20'0"	351.2	COAL	

RECORD OF BOREHOLE NO. 604 SK46NE 83

Ground level : 358.7ft. above O.D. Newlyn (1.5.63)

Dia. of boring : 8in. to 9ft. 6in.
BX (1 1/2 in. core) to 20ft.

Type of boring : Shell and Auger and
Rotary Core Drilling

Lining tubes : BX (2 1/2 in.) to 9ft. 3in.

13.3.63	1'0" - 2'6"	U(8) D 80		0'0"	357.9	TOPSOIL	COAL MEASURES
	2'6" - 3'0"	D 80		3'0"	353.7	Firm brown sandy CLAY and yellow SANDSTONE fragments	
	6'0" - 6'3"	U(8) D 80				Orange and yellow SANDSTONE, becoming brown with depth, with some brown clayey sand	
	6'3" - 9'3"	D 80		9'6"	349.2		
16.3.63	12'6"	10%				Black coaly SHALE with coal laminae	COAL MEASURES
	15'6"	33%		17'0"	341.7		
	18'6"	67%		19'0"	339.7	COAL	
	20'0"	22%		20'0"	338.7	Grey-brown SEATEARTH	

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 gives
No. of blows/12 in. penetration.

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

B.H.'s. 603 and 604

No ground-water was encountered during boring.
as Full penetration of sampler not attained.

MINISTRY OF TRANSPORT
LONDON-YORKSHIRE MOTORWAY
TROWELL TO BARLBOROUGH SECTION

Soils No.
5/3587

FIG. 249