

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.

Made by

Information from.

Examined by.

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

(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

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