



SK 45 NW 1
RECORD OF BOREHOLE NO. 565

Ground level: 350.7ft. above O.D. Newlyn (4.7.63)

Dis. of boring: 8in. to 10ft.
NX (29in. core) to 45ft.

Type of boring: Shell and Auger and
Rotary Core Drilling

Lining tubes: 8in. to 6ft.
NX (3in.) to 10ft.

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata
	Depth	Percentage age of type	Legend	Depth	O.S. Level	
	2'6" - 3'0"	0(18)		2'0"	348.7	TOPSOIL
	3'0"	0		3'0"	346.7	FIRM brown sandy CLAY with sandstone fragments
	6'6"	0				
	6'6" - 10'0"	80				Poorly cross laminated grey argillaceous fine SANDSTONE, weathered brown at top
4.8.63	10'0"	0				
	10'0"	0				
		77%		14'0"	336.7	
	20'0"					Grey SHALE, blocky in parts with thin ironstones, becoming dark grey and sandy at base
		82%		28'0"	322.9	
	30'0"			30'0"	320.1	COAL
		88%				Grey shaly SEATEARTH, grading to sandy mudstone
	40'0"			40'0"	310.7	
		90%				Grey argillaceous fine SANDSTONE, poorly laminated, grading to sandy mudstone
16.5.63	45'0"			45'0"	305.7	

Key to type of sample:

U (4) - 4 in. dia. undisturbed sample.
U (14) - 14 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.
Water was used to assist boring and a sample was taken.

MINISTRY OF TRANSPORT
LONDON-YORKSHIRE MOTORWAY
TROWELL TO BARLBOROUGH SECTION

GEORGE WIMPEY & CO., LTD.

CENTRAL LABORATORY



GEOLOGICAL SURVEY OF GREAT BRITAIN

RECORD OF SHAFT OR BORE FOR MINERALS

Name of Shaft or Bore given by Geological Survey:

London - Yorkshire Waterway. BH no 565

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 1963

Information from J. C. Sample, Canal.

Date received 1963

Examined by D. J. Frost

(For Survey use only)

6-inch Map Registered No.

SK45NW 229

Nat. Grid Reference

4470 5773

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 Sample.	Sandstone, grey, soft, no mudstone, silty			4	0
	Mudstone, grey, with silty laminae			10	0
	Sandstone, pale grey, fine grained, with many silty mudstone, no carbonaceous				
	micaceous partings.			13	0
	Mudstone, grey, silty.	1	0	14	0
	Mudstone, grey.	1	0	15	0
	Mudstone, grey, silty, with granular beds	12	4	27	4
	Mudstone, grey, listric.	1	5	28	9
	Coal, bright, with dull parting	1	10	30	7
	Darkish mudstone, dark grey, listric, with rootlets.	2	5	33	0
Dined.	Mudstone, grey, with carbonaceous plant fragments.				
	Silty, beds, no granular no mudstone laminae				
	Dark.	7	0	40	0
	Sandstone, pale grey, fine grained, with carbonaceous micaceous partings	0	9	40	9
	Siltstone, grey	0	1	41	3
	Mudstone, grey, silty, with silty laminae towards base.	3	9	45	0
	Base of hole.				

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