



SK45NW1
RECORD OF BOREHOLE NO. 573A/1

Ground level : 468.4 ft. above O.D. Newlyn (8.7.69.) Dia. of boring : 8 in.
Type of boring : Shell and Auger Lining tubes : 8 in. to 5 ft.

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata	COAL MEASURES
	Depth	Percentage or Type	Legend	Depth	O.D. Level		
				1'0"	467.4	TOPSOIL	
	1'6" - 3'0" 3'0" - 4'0"	U(4) D D				Stiff becoming soft mottled grey-brown slightly sandy CLAY with fragments of coal and shale	
	6'0" - 7'6" 7'6" - 8'6"	U(4) D D		10'0"	458.4		
25.5.69.	10'0" - 12'0"	D BD		12'0"	456.4	Weathered and broken pale grey and brown argillaceous fine 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. 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.				
MINISTRY OF TRANSPORT LONDON-YORKSHIRE MOTORWAY TROWELL TO BARLBOROUGH SECTION						Soils No : S/3547 FIG. 188	
GEORGE WIMPEY & CO., LTD.				CENTRAL LABORATORY		HAYES	



SK 45 NW 1
RECORD OF BOREHOLE NO. 573A/II

Ground level: 468.4 ft. above O.D. Newlyn (8.7.43.) Dia. of boring: NX (2 1/2 in. core)
Type of boring: Rotary Core Drilling Lining tubes: NX (3 in.) to 20 ft.

Daily Progress	Core Recovery or Samples		Change of Strata		Description of Strata
	Depth	Percent Age or Type	Legend	Depth	
	0'0"	Non coring			
	10'0"			10'0"	458.4
		65%			Weathered and broken pale grey and brown argillaceous fine SANDSTONE
	20'0"			20'6"	447.9
	25'0"	100%			Pale grey MUDSTONE; with ironstained fissures
		80%		31'6"	437.4
		65%			Poorly laminated grey fine SANDSTONE, grading to grey mudstone
	38'6"			38'3"	430.1
		97%			Massive grey-brown medium to fine SANDSTONE, becoming laminated and shaly with depth
9.5.62	48'0"			50'9"	417.6
				51'0"	417.8
		70%		53'8"	415.2
					Broken grey SHALE with plant remains
					Poor shaly COAL
	57'6"				SEATEARTH, grading to mudstone
				58'0"	410.4
				58'7"	409.8
				60'0"	406.4
		55%			Bright pitchy COAL
					Grey sandy MUDSTONE
	67'6"				Massive pale grey fine SANDSTONE
10.5.62	70'0"	80%		67'0"	401.4
		100%			Grey sandy MUDSTONE with thin bands of SANDSTONE and occasional ironstones
11.5.62	80'0"			80'6"	388.4

COAL MEASURES



SK45 NW 237
RECORD OF BOREHOLE NO. H573B

Ground level : 490.2 ft. above O.D. Newlyn (18.7.63.)

Dia. of boring : 8 in.

Type of boring : Post-hole Auger

Lining tubes : NIL

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata
	Depth	Percentage or Type	Legend	Depth	O.D. Level	
				2'0"	488.2	TOPSOIL
22.5.63.	5'0" 5'0" - 6'0" 6'0" 8'0"	D U (S) D D		8'0"	482.2	Stiff grey-brown silty and sandy CLAY with sandstone fragments

Key to type of sample :

U (4) — 4 in. dia. undisturbed sample.
U (1½) — 1½ in. dia. " "
D — disturbed sample. " "
SD — 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.
** Full penetration of sampler not attained

MINISTRY OF TRANSPORT
LONDON-YORKSHIRE MOTORWAY
TROWELL TO BARLBOROUGH SECTION

Soils No :
3/3847

FIG. 190

GEORGE WIMPEY & CO., LTD.

CENTRAL LABORATORY

HAYES



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

Name of Shaft or Bore given by Geological Survey:

573

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 237

Nat. Grid Reference

4482 5874

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.
				10	C
	Sandstone, pale grey with brown staining, fine grained, micaceous, with siltstone beds and laminae.				
	3" transition band at 18'	9	6	19	6
	Hardstone grey, silty, with sporadic plant fragments.				
	2" siltstone band at 24'	11	6	31	C
	Sandstone, pale grey, fine grained	1	6	32	6
	Hardstone grey, silty, with transition nodules	4	6	37	0
	Sandstone, pale grey, fine grained, with laminar staining				
	Abundant carbonaceous - micaceous partings 29'3" - 29'10", and 46' to base.				
	Occasional nodules.				
	Silty transition band 5" at 49'.	13	6	50	6
	Hardstone, pale grey	1	3	50	9
	Coal, Inferior, shaly	2	0	52	9
	Coal lost. ? Old workings	2	3	56	0
	Darkish siltstone grey, with transition nodules and rootlets	61	36	57	6
	Coal, with transition fragments (coal fragmentary)	1	3	58	9
	Siltstone, grey, with sandy laminae				

2038203/1 2085 4m 11/61 XL

OS98293/2 PS85 4m 14/61XL