



4506 5679
SK45NE100.A

RECORD OF BOREHOLE NO. 3559A

Ground level: 426.2ft. above O.D. Newlyn (N.T. 53) Dia. of boring: NX (2 1/2 in. core) to 56ft.
Type of boring: Post-hole Auger and Rotary Core Drilling Lining tubes: NX (3 in.) to 10ft.

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata
	Depth	Percentage or type	Legend	Depth	O.D. Level	
	2'6" - 4'0"	U(8)		1'0"	425.2	TOP SOIL
	4'0" - 4'6"	8		2'6"	422.7	COAL
22.4.63	4'6" - 5'0"			4'0"	422.2	Fine grey silty CLAY with sand pockets
				5'0"	421.2	Fine mottled grey and brown silty CLAY with shale fragments
24.4.63	10'0"	70%				Grey fine SANDSTONE, slightly weathered with ironstaining to 5ft.9in.; vertical ironstained fissures from 12ft.9in. and occasional ironstained bedding planes. Irregular black argillaceous laminae from 13ft.9in.
		75%		16'0"	408.2	
	20'0"					Well bedded vertically fissured, generally broken grey MUDSTONE, ironstone bands at 19ft. and 20ft.9in.
		75%		25'6"	400.7	
	30'0"			28'6"	397.7	Very stiff to hard grey CLAY. Thin pitchy COAL at 26ft. overlying clay with coaly fragments
		80%				
	40'0"					Irregularly laminated grey fine muddy SANDSTONE; with plant remains; grading to mudstone from 30ft. to 33ft. From 33ft. bedding planes often ironstained; steeply inclined fissures from 36ft. to 40ft. with ironstaining permeating adjacent rock. At 42ft. complex vertical fissuring with considerable ironstaining and broken rock below; argillaceous laminae increasingly prominent from 52ft.6in.
	46'0"	100%				
		75%		53'0"	373.2	
25.4.63	56'0"			56'0"	370.2	Vertically fissured grey MUDSTONE
<div>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.</div> <div>Remarks: (Observations on ground-water, etc.) No ground-water was encountered during boring.</div>						
MINISTRY OF TRANSPORT LONDON-YORKSHIRE MOTORWAY TROWELL TO BARLBOROUGH SECTION						Soils No: 3/3547 FIG. 167

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CENTRAL LABORATORY

HAYES

GEOLOGICAL SURVEY OF GREAT BRITAIN RECORD OF SHAFT OR BORE FOR MINERALS		<i>(For Survey use only)</i> 6-inch Map Registered No. <div style="border: 1px solid black; padding: 5px; text-align: center;"> SK 45 NE 10 OA </div>			
Name of Shaft or Bore given by Geological Survey: _____	559 A	<div style="border: 1px solid black; padding: 5px;"> Nat. Grid Reference 4506 5679 </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 33%; padding: 5px; text-align: center;"> 1" N.S. Map No. </td> <td style="width: 33%; padding: 5px; text-align: center;"> 1" O.S. Map No. </td> <td style="width: 33%; padding: 5px; text-align: center;"> Confidential or not </td> </tr> </table>	1" N.S. Map No.	1" O.S. Map No.	Confidential or not
1" N.S. Map No.	1" O.S. Map No.		Confidential or not		
Name and Number given by owner: _____	_____				
For whom made _____	_____				
Town or Village _____	County _____				
Exact site _____	<div style="border-left: 1px solid black; padding-left: 5px;"> Attach a tracing from a map, or a sketch- map, if possible. </div>				
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 _____	_____				

SPECIMEN NUMBERS AND ADDITIONAL NOTES

(For Survey use only) GEOLOGICAL CLASSIFICATION	DESCRIPTION OF STRATA	THICKNESS		DEPTH	
		Ft	in.	Ft	in.
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