



SK46NE1
RECORD OF BOREHOLE NO. 5120

Ground level : 397.5 ft. above O.D. Newlyn (30.7.63.) Dia. of boring : 8 in. to 32 ft.
390 (3 in. core) to 50 ft.
Type of boring : Shell and Auger and Rotary Core Drilling Lining tubes : 8 in. to 32 ft.
4 (4 in.) to 32 ft. 6 in.

Daily Progress	Core Recovery or Samples		Change of Strata		Description of Strata
	Depth	Percentage or Type	Legend	Depth O.D. Level	
	2'0"	BD		1'0" 396.5	TOPSOIL
	3'0" - 4'6"	U(4) D			Very stiff mottled grey and brown silty CLAY grading to weathered brown shale
	4'6"	BD			
	5'0"	D			
	8'0" - 9'6"	U(4) D			
	9'6"	BD			
	10'0"	D			
7.6.63.	14'0"	BD		14'0" 394.5	
	14'0"	D			
	19'0"	BD			Weathered grey SHALE
	19'0"	D			
	24'0"	BD			
	24'0"	D			
	29'0"	BD		28'0" 369.5	
	29'0"	D		30'0" 367.5	Weathered black SHALE
8.6.63.	32'0"	BD			
	32'0"	D			
		100%			Ironstained and fissured grey MUDSTONE; sandy to 35ft; broken in part; at 48ft. faintly sandy laminated; ironstained vertical fissuring persistent
18.6.63.	42'0"				
		100%			
19.6.63.	50'0"			50'0" 347.5	
Key to type of sample :			Remarks : (Observations on ground-water, etc.)		
U (4) — 4 in. dia. undisturbed sample.			No ground-water was encountered during boring to 13ft. depth; below this depth water was used to assist boring.		
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.					
MINISTRY OF TRANSPORT LONDON-YORKSHIRE MOTORWAY TROWELL TO BARLBOROUGH SECTION					Soils No : S/9547 FIG.260