

RECORD OF BOREHOLE NO. 638 SK 47 SE 186

4503 7302

Ground level : 187.0ft. above O.D. Newlyn (12.7.63)

Dia. of boring : 8in.

Type of boring : Shell and Auger

Lining tubes : 8in. to 26ft. 8in.

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata	
	Depth	Percentage or Type	Legend	Depth	O.D. Level		
	1'6" - 3'0"	U(4) D		1'0"	184.0	Topsoil	
	3'0" - 5'0"	D					
	5'0" - 6'6"	U(4)					
	6'6" - 8'0"	D					
	8'0" - 11'6"	U(4) D				Stiff grey-brown sandy silty CLAY with fine gravel (shale fragments)	
	11'6" - 13'0"	U(4) D					
	13'0" - 16'0"	D(19) D		15'0"	178.0		
	16'0" - 17'0"	D				Medium dense brown fine to medium GRAVEL	
	17'0" - 21'0"	U(4) D					
	21'0" - 22'6"	U(4) D					
	22'6" - 25'0"	D					
	25'0" - 26'0"	U(4)					
	26'0" - 27'0"	U(4)					
30.4.63	30'0"	D					
	31'0" - 32'6"	U(4)				Stiff grey very silty CLAY with fragments and bands of weathered grey shale, becoming very stiff and shaly with depth	
	32'6" - 35'0"	BD					
1.5.63	40'0"	BD		40'0"	187.0		

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

Remarks : (Observations on ground-water, etc.)

Ground-water was first encountered at a depth of 15ft. below ground level.

** Full penetration of sampler not attained.