

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 : 8 in.

Type of boring: Shell and Auger

Lining tubes :..... 8in. to 26ft.4in.

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

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata		
	Depth	Percentage or Type	Legend	Depth	S.D. Level			
	1'6" - 3'0"	U(4) D		1'6"	165.0	Top Soil	RECENT ALLUVIUM 1	
	3'0" - 5'6"	D						
	5'6" - 6'6"	U(4)						
	10'0" - 10'6"	BD						
	11'6" - 13'0"	U(4) D						
	16'0" - 17'0"	U(10) D			15'0"	172.0		COAL MEASURES
	17'0" - 19'6"				19'6"	167.6	Medium dense brown fine to medium GRAVEL	
	21'0" - 22'6"	U(4) D						
	22'6" - 25'0"	BD						
	25'0" - 27'0"	U(4) D						
30.4.63	30'0"	D				Stiff grey very silty CLAY with fragments and bands of weathered grey shale, becoming very stiff and shaly with depth	COAL MEASURES	
	31'0" - 32'6"	U(4)						
	35'0"	BD						
1.5.63	40'0"	BD		40'0"	147.0			

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 plus

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.