



ALFRETON DERBY

SK45NE7

BOREHOLE RECORD

Borehole No. 37
Sheet No. 1 of 1

Type of Boring shell and auger
Dia. of boring 8 in. to 35 ft. / 6 in. to 50 ft.
Lining tubes 8 in. to 8 ft. / 6 in. to 40 ft.

Received
Passed in
7 OCT 1965
Accepted by

Ground level 496.50
Date started 22-9-65
Date completed 25-9-65

Date and Depth of Boring	Depth of Casing	Water Level	Samples		Change of Strata		Description of Strata
			Depth	Type	Legend	Depth	
22-9-65			2' 0"	D		1' 0"	Topsoil
			2' 6" - 5' 0"	U4 (55)		5' 0"	Soft brown sandy CLAY
			7' 0"	D			Firm grey and brown sandy CLAY with sandstone cobbles
			8' 0" - 9' 0"	U4 (170)		9' 0"	
11' 0"	8' 0"	nil	10' 0" - 10' 10"	C (116)			Hard grey and brown SANDSTONE
23-9-65	8' 0"	nil	12' 6"	D			
	8' 0"		14' 0" - 14' 1 1/2"	C (100)			
	8' 0"		15' 0"	D			
	8' 0"		17' 6"	C (110)			
	8' 0"		18' 0" - 18' 2"	D			
	8' 0"		20' 0"	D			Blue-grey SHALE
23' 0"	8' 0"	nil	23' 0"	D			
24-9-65	8' 0"	nil	24' 0" - 24' 1/2"	C (180)			
	8' 0"		25' 0"	D			
	8' 0"		27' 0"	D		26' 0"	Black COAL
	8' 0"		29' 0" - 29' 3"	U4 (140)			
	8' 0"		31' 0"	D			Blue-grey SHALE
	8' 0"		32' 0" - 32' 4"	C (130)			
	8' 0"		33' 0"	D			
	8' 0"		34' 0"	D			
	8' 0"		35' 0"	D			
	8' 0"		36' 0"	D			
37' 0"	36' 0"	31' 0"	36' 0" - 36' 11"	C (112)			Blue-grey SHALE
25-9-65	36' 0"	19' 0"	38' 0" - 38' 4"	U4 (120)			
	36' 0"		41' 0"	D			
	36' 0"		42' 0" - 43' 1/2"	C (130)			
	36' 0"		44' 0"	D			
	36' 0"		45' 0"	D			
	36' 0"		46' 0"	D			Blue-grey SHALE
	36' 0"		47' 0"	D			
50' 0"	46' 0"	27' 0"	48' 6" - 48' 11"	C (100)			Blue-grey SHALE
	40' 0"		49' 0" - 49' 8"	U4 (120)			

Key

- Σ denotes ground-water first encountered
- U4 .. 4 in. dia. undisturbed sample
- U1 1/2 .. 1 1/2 in. ..
- D .. disturbed sample
- B .. bulk sample
- W .. water sample
- S () .. standard penetration test
- C () .. cone penetration test
- (34) .. number of blows
- * .. sample not recovered

Remarks

A rock-chisel was used from 9 ft. to 26 ft. and from 42 ft. to 50 ft.

Scale:
1 in. = 8 Ft. FIG.