



ALFRETON SK45NE6
BOREHOLE RECORD

Borehole No. 36
Sheet No. 1 of 1

Type of Boring shell and sugar
Dia. of boring 8 in. to 19 ft. / 6 in. to 45 ft.
Lining tubes 8 in. to 8 ft. / 6 in. to 21 ft.

Ground level 474.9' OD
Date started 7-7-65
Date completed 9-9-65

Date and Depth of Boring	Depth of Casing	Water Level	Samples		Change of Strata		Description of Strata	
			Depth	Type	Legend	Depth		Reduced Level
7-7-65	nil		2' 0"	D		1' 0"	473.9'	Topsoil
	nil		3' 6" - 5' 0"	U4 (80)		4' 0"	470.9'	MADE GROUND - mainly firm brown clay and brick rubble
	nil		6' 0"	D		6' 0"	468.4'	Firm brown and grey sandy CLAY with sandstone cobbles
7-7-65	7' 0"		7' 0"	D				Grey and brown SANDSTONE
	8' 0"		8' 0" - 8' 3 1/2"	D (100)				
	8' 0"		9' 0"	D				
11' 0"	8' 0"	nil	11' 0"	D				
8-7-65	8' 0"	nil	12' 0" - 12' 5"	C (100)				
	8' 0"		13' 0"	D				
	8' 0"		15' 6"	D				
	8' 0"		16' 0" - 16' 3"	D (100)				
	8' 0"		18' 0"	D				
	15' 0"		18' 6" - 19' 8"	D (200)				
21' 0"	19' 0"	nil	21' 0"	D				
7-9-65	23' 0"	II	23' 6"	D		25' 0"	451.9'	Blue-grey SHALE with layers of grey shaley clay
	21' 0"		25' 0" - 25' 2"	U4 (100)				grey SHALE with layers of grey shaley clay
26' 0"	21' 0"	21' 0"	26' 0"	W		26' 0"	448.9'	Grey SHALE with layers of grey shaley clay
8-9-65	21' 0"	21' 0"	28' 6"	D		29' 0"	445.9'	Hard blue-grey shaley CLAY with layers of shale
	21' 0"		31' 6" - 32' 3"	U4 (200)		32' 0"	442.9'	Compact fine granulated COAL with layers of dark grey shaley clay
	21' 0"		35' 0"	D				
36' 0"	21' 0"	26' 0"	38' 0"	D		39' 0"	437.9'	Hard dark grey shaley CLAY with layers of shale
9-9-65	21' 0"	23' 0"	38' 6" - 39' 0"	C (100)				
	21' 0"		41' 0"	D				
45' 0"	21' 0"	28' 0"	44' 0" - 44' 4"	C (100)				
	21' 0"		45' 0"	D				
END OF BOREHOLE Depth: 45 ft. Elevation: 429.9' O.D.								
Key			Remarks					
II denotes ground-water first encountered			When boring reached a depth of 1 ft. 6 in. an electric cable was encountered and the borehole was put down next to it.					
U4 " 4 in. dia. undisturbed sample			A rock-chisel was used from 6 ft. 6 in. to 23 ft. below ground level.					
UI 1/2 " 1 1/2 in. " "			Revised copy of borehole record No. 36					
D " disturbed sample								
B " bulk sample								
W " water sample								
S () " standard penetration test								
C () " cone penetration test								
(34) " number of blows								
* " sample not recovered								
							Scale: 1 in. = 8 Ft.	FIG.