

ARUN DISTRICT COUNCIL AL/68/20/DOC



Percussion Drilling Log

Project Name: Tyrone House		Client: MR K Napthine		Date: 30/11/2019	
Location: Norton, West Sussex		Contractor: Impact Geotechnical Ltd			
Project No. : P19.159		Crew Name: RM		Drilling Equipment: Archway Dart	
Borehole Number WS2	Hole Type WLS	Level	Logged By SG	Scale 1:50	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.50	D		0.30			Grass over dark brown silty sandy Clay. Sand is fine to medium. occasional subangular to subrounded fine to coarse sized gravel of flint (Topsoil).	
		1.00	SPT	N=13 (3,3/3,2,3,5)	1.00			(Soft to firm) orange brown silty slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is subangular to subrounded fine to coarse sized flint (HEAD DEPOSITS).	1
		1.20	D		1.30			(Firm) brown/orange brown silty sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse sized flint (HEAD DEPOSITS).	
		1.50	D		1.70			(Firm) brown / greenish brown gravelly CLAY/SILT. Gravel is angular to subrounded fine to coarse sized flint (HEAD DEPOSITS).	2
		2.00	SPT	N=20 (5,5/6,5,5,4)				(Firm) brown/orange brown silty sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse sized flint (HEAD DEPOSITS).	
		2.50	D					2.50-3.00mbgl: locally very gravelly	3
		3.00	SPT	N=14 (2,3/3,4,4,3)					
					3.50			(Soft to firm) brownish grey locally orange brown SILT/CLAY (HEAD DEPOSITS).	4
		4.50	D						
		5.00	D		4.80 5.00			Orange brown silty SAND Sand is fine to medium (HEAD DEPOSITS). End of Borehole at 5.000m	5
									6
									7
									8
									9
									10

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks Hand dug starter pit dug to 1.00mbgl. Groundwater encountered at 1.75mbgl. 35mm diameter standpipe installed to 4.15mbgl (Plain pipe GL-1.00m & slotted pipe 1.00-3.00mbgl).										
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