



A F Howland Associates Geotechnical Engineers

Site
Sample Site

Number
WS01

Excavation Method Tracked Window Sampling Rig, Dando Terrier 2002.	Dimensions 102mm to 2.00m 87mm to 4.00m 65mm to 5.00m	Ground Level (mOD) 38.10	Client Sample Client	Job Number WEBSITE
	Location	Dates 13/01/2010	Engineer	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.10-0.20	D1			37.90	(0.20)	MADE GROUND (Compacted tarmacadam fragments (<12 mm) with occasional fragments (<20 mm))		
0.20-0.60	ES1				0.20			
0.30-0.50	D2				(0.40)	MADE GROUND (Dark brown slightly clayey sandy silt with occasional subangular fine to coarse flint gravel. Occasional pottery fragments (12 mm))		
0.60-1.00	B1 HV		128, >140, >140	37.50	0.60	Firm orange brown slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse flint and chalk		▼ ₁ ▽ ₁
1.20-1.50	D4	0.98	Fast / Moderate(1) at 1.10m, rose to 0.98m in 20 mins, not sealed. IP 210/S 4,2					
1.20-1.65	D3							
1.20-1.86	SPT							
1.20-2.00	L1							
1.50-1.70	D5							
	N=11		T 2,3,3,3			...locally very thinly interbedded with orange brown slightly silty fine to coarse sand		
1.80-2.00	D6							
2.00-2.53	SPT	1.75	IP 80/S 1,2					
2.00-2.45	D7							
2.00-2.50	D8							
2.00-3.00	L2 N=14				T 2,5,3,4		(2.90)	...with occasional wood fragments (<6 mm)
2.50-3.00	D9							
3.00-3.45	U1	1.69	41 blows					
3.00-3.50	D10							
3.00-4.00	L3							...1 No. sandy parting ...becoming orange gravelly with occasional quartz gravel
3.50-4.00	D11			34.60	3.50	Very stiff greyish brown slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to medium chalk and occasional flint		
3.70	PP 238kPa		4.5, 4.75, 5/Av. 4.75					
4.00-4.54	SPT	1.43	IP 90/S 2,5					
4.00-4.45	D12							
4.00-4.50	D13							
4.00-5.00	L5 N=37				T 8,11,9,9		(1.50)	...becoming grey. Local sandy gravel pocket
4.50-5.00	D14			33.10	5.00			

Remarks 1. Location CAT scanned prior to excavation. 2. Hand dug inspection pit to 1.20 m. 3. Groundwater struck at 1.10 m and rose to 1.05 m in 5 mins., 1.06 m in 10 mins., 0.98 m in 15 mins. 4. On completion window sample hole backfilled with a mixture of bentonite and arisings.	Scale (approx)	Logged By
	1:25	FRH
	Figure No. WEBSITE.WS01	