

Project Name		Project No.	Co-ords: E - N	Hole Type Cable
Location:			Level: 2.13 m AOD	Scale 1:50
Client:			Dates:	Logged By

Well	Water Strikes	Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.30	1.83		Driller describes limestone FILL (CI-804).
		0.50	D					
		0.30-1.20	B					FILL described as dark brown / black, slightly gravelly (fine to coarse, sub-angular to sub-rounded), slightly sandy (fine to coarse) SILT with brick and concrete fragments.
		1.00	D					
		1.20	SPT	N=6 (1,1/)	1.20	0.93		
		1.20-1.65	D	1,1,2,2)				FILL described as soft, dark brown / black, very silty, very sandy (fine to coarse) GRAVEL (fine to coarse, subangular to subrounded) with cobbles, brick and concrete fragments.
		1.20-1.65	B					1.2m - 2m, with pieces of shells.
		1.50	D					
		2.00	SPT	N=3 (0,1/)	2.00	0.13		
		2.00	D	0,1,1,1)				FILL described as very soft, mottled dark grey, brown and black, slightly sandy, slightly gravelly (fine to medium, sub-rounded to rounded, tabular) SILT with plant remains and with glass and metal.
		2.00-2.45	D					
		2.00-2.45	B					
		2.50	D					
		3.00	SPT	N=2 (0,1/)	3.00	-0.88		
		3.00	D	0,1,0,1)				Very soft, mottled dark grey and brown SILT with shell fragments.
		3.00-3.45	D					
		3.00-3.45	B					
		3.50	D					
		4.00	SPT	N=5 (0,0/)				
		4.00	D	0,1,2,2)				
		4.00-4.45	D					
		4.00-4.45	B					
		4.50	D					
		4.70	W					
		5.00	SPT	N=6 (0,1/)	5.00	-2.88		
		5.00	D	0,1,2,3)				Soft, dark grey SILT with rare plant remains and patches of slightly gravelly (fine to coarse, sub-angular to sub-rounded, tabular), slightly sandy (fine to coarse) SILT.
		5.00-5.45	D					
		5.00-5.45	B					
		6.00	CPT	N=11 (2,2/)	6.00	-3.88		
		6.00	D	3,2,3,3)				Medium dense, dark grey, silty, sandy (fine to coarse) GRAVEL (fine to coarse, sub-angular to sub-rounded, tabular, some elongated) with clumps (less than or equal to 0.150m x 0.150m x 0.100m) of dark grey SILT with plant remains.
		6.00-6.45	B					
		7.00	D		7.00	-4.88		
		7.00-7.45	B					Medium dense, dark grey very silty sandy ( fine to coarse) GRAVEL (fine to coarse, sub-angular to sub-rounded, tabular) with shell fragments.
		7.50	CPT	N=29 (2,4/)				
				6,6,8,9)				
		8.00-8.45	B		8.00	-5.88		
								Medium dense, dark grey, slightly sandy (fine to coarse), silty GRAVEL (fine to coarse, angular to rounded, tabular) with lenses (less than or equal to 0.030m x 0.030m x 0.010m) of dark grey SILT.
		9.00	CPT	50 (3,6/)	9.00	-6.88		
		9.00-9.45	B	7,7,13,23 for 60mm)				Very dense, dark grey, sandy (fine to coarse), slightly silty GRAVEL (fine to coarse, sub-angular to sub-rounded, some tabular) with lenses of dark grey SILT and with shell fragments.

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Remarks: Inspection pit dug. Water strike at 4.70m, inflowing slowly, rose to 4.50m after 5 min, rose to 4.20m after 10 min, rose to 4.00m after 15 min, remained at 4.00m after 20 min. Chiselling from 10.20m to 10.40m for 25 min. 250mm dia casing reduced to 200mm dia below 10.5m. Backfilled with grout and arisings. Standpipe installed, response zone 1.00m to 4.00m.

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		Depth (m)	Type	Results				
		10.00-10.45	B		10.00	-7.88	[Gravel Pattern]	Very dense, dark grey, purple, green, white and orange, slightly silty, slightly sandy (fine to coarse) GRAVEL (fine to coarse, predominantly coarse, angular to rounded, tabular) with COBBLES (sub-angular to rounded, tabular).
		10.50	CPT	50 (8,10/ 13,20,17 for 59mm)				
		11.00-11.45	B		11.00	-8.88	[Gravel Pattern]	Medium dense, purple, green, white and orange, slightly sandy (fine to coarse) GRAVEL (fine to coarse, predominantly coarse, sub-angular to rounded, some tabular) with frequent cobbles (sub-angular to sub-rounded).
		12.00	CPT	N=25 (4,4/ 4,6,7,8)	12.00	-9.88		
		12.00-12.45	B				[Gravel Pattern]	Medium dense, purple / brown with purple, green, white and orange, slightly silty, very sandy (fine to coarse) GRAVEL (fine to coarse, angular to rounded, tabular) with cobbles (sub-angular to sub-rounded).
		13.00-13.45	B		13.00	-10.88		
		13.50	CPT	N=34 (3,6/ 6,7,9,12)			[Gravel Pattern]	Dense, purple / brown with purple, green, white and orange, gravelly (fine to coarse, angular to rounded, tabular) SAND (fine to coarse).
		14.00-14.45	B		14.00	-11.88		
		15.00	CPT	N=16 (2,3/ 3,4,4,5)			[Gravel Pattern]	Medium dense, purple / brown with purple, green, white and orange, slightly gravelly (fine to coarse, angular to rounded, tabular) SAND (fine to medium). Content of GRAVEL is very slight. SAND becoming medium dense below 15m.
		16.00-16.45	B		16.00	-13.88		
		16.50	CPT	N=31 (3,6/ 8,7,7,9)			[Gravel Pattern]	Dense, purple / brown SAND (fine to medium).
		17.00-17.45	B		17.00	-14.88		
		18.00	CPT	N=30 (2,3/ 8,7,7,8)			[Gravel Pattern]	Medium dense, purple / brown with purple, green, white and orange, slightly silty, slightly gravelly (fine to coarse, angular to rounded, tabular) SAND (fine to coarse). Content of GRAVEL is very slight.  18m - 19m, SAND is dense to very dense.
		18.00-18.45	B					
		19.00-19.45	B				[Gravel Pattern]	19m - 20m, SAND is medium dense and predominantly fine to medium grained.
		19.50	CPT	N=25 (3,4/ 6,5,7,7)				
								End of Borehole at 20.00 m

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