Borehole Log

R03 BH03

Project Name: RIVER LEE FLOOD RELIEF CHANNEL, STEEL SHEET PILE INVESTIGATION Project No: A2183

Borehole ID: R03 BH03

Location: Co-ords (British National Grid): 538303.65 - 211746.15 Level: 29

Hole Type: CP Logged By: Dates: 2002-11-18 - 2002-11-19

Client: Environment Agency Contractor: Project Engineer:

Plant Used: SPT Hammer Serial No:

Well	Water	Samples Depth (m)	Samples Type	Result	Depth (m)	Level (m)	Legend	Stratum Description	Depth m
		0.0 - 0.4	B					Red brown sandy GRAVEL Gravel is subangular to rounded fine to coarse of brick concrete and quartz MADE GROUND	
		0.4 - 1.5	B		0.40	28.60			0.5
								Dark brown clayey to very clayey very gravelly SAND Gravel is subangular to subrounded fine to coarse of flint and rare concrete Sand is fine to coarse MADE GROUND	1.0
	▼	1.5 - 1.95	U		1.50	27.50			1.5
	▽	1.9	W		1.90	27.10			
		1.95 - 2.0	D						
		2.0 - 3.0	B	N=18 (2,2/3,5,5,5)				Soft brown slightly sandy slightly gravelly CLAY Gravel is subangular fine to medium of flint Sand is fine to coarse ALLUVIAL DEPOSITS COHESIVE	2.0
									2.5
		3.0 - 4.0	B	N=19 (3,4/5,4,4,6)				Medium dense becoming dense brown sandy locally very sandy GRAVEL with occasional cobbles Gravel is angular to subangular fine to coarse of flint Cobbles are angular of strong dark grey flint Rare shell fragments ALLUVIAL DEPOSITS GRANULAR	3.0
									3.5
		4.0 - 5.0	B	N=36 (4,11/14,9,7,6)					4.0
									4.5
				N=49 (5,6/10,15,12,12)					

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		5.0 - 6.0	B	N=49 (5,6/10,15,12,12)				Medium dense becoming dense brown sandy locally very sandy GRAVEL with occasional cobbles Gravel is angular to subangular fine to coarse of flint Cobbles are angular of strong dark grey flint Rare shell fragments ALLUVIAL DEPOSITS GRANULAR	5.5
		6.0 - 6.55	B	N=13 (5,5/4,3,3,3)					6.0
		6.55 - 7.0	B		6.55	22.45			6.5
		7.0 - 7.45	U						7.0
		7.0 - 7.5	B					Grey brown slightly sandy gravelly CLAY Gravel is angular to subangular fine to medium of flint Sand is fine to medium Occasional light brown silt partings ALLUVIAL DEPOSITS COHESIVE	
		7.5 - 9.0	B	N=17 (4,4/4,3,5,5)	7.50	21.50			7.5
									8.0
									8.5
		9.0 - 10.4	B	N=18 (2,3/3,5,5,5)				Medium dense brown sandy GRAVEL Gravel is angular to subrounded fine to coarse of flint Sand is fine to coarse ALLUVIAL DEPOSITS GRANULAR	9.0
									9.5

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		10.4 - 10.5	D		10.40	18.60		Medium dense brown sandy GRAVEL Gravel is angular to subrounded fine to coarse of flint Sand is fine to coarse ALLUVIAL DEPOSITS GRANULAR	
		10.5 - 10.95	U						10.5
		10.95 - 11.0	D						
		11.0 - 11.45	D	N=79 (5,6/14,18,20,27)					11.0
		11.0 - 12.0	B						
									11.5
					12.00	17.00			12.0
								White CHALK Recovered as gravelly silt	12.5
									13.0
									13.5
									14.0
									14.5