

BOREHOLE LOG *Well 10578*



PROJECT Town Branch Drain Lateral Spreading Risk Assessment		CO-ORD. 1681808 E 5403064 N	R.L. 2 m	HOLE NO. BH TB1
LOCATION 3102 SH1 Blenheim		REF. GRID NZ Transverse Mercator	DATUM MSL	SHEET 1 of 1 HOLE LENGTH 21 m

GEOLOGY/UNIT	MAIN DESCRIPTION	R.L. (m)	DEPTH (m)	GRAPHIC LOG	TESTS			CPT qc (MPa)	DETAILED DESCRIPTION	CORE			DRILLING				PIEZOMETER DETAILS	OTHER INSTRUMENTATION
					SPT 'N' VALUE	SPT BLOW COUNTS	SHEAR VALUE			ROD (%)	TOTAL CORE RECOVERY (%)	SAMPLE TYPE	DRILLING METHOD	DRILLING FLUID LOSS	CASING	BASE OF HOLE & WATER LEVEL		
Interbedded alluvial and marine deposits	TOPSOIL, dark brown, soft, moist, mod. plasticity		0						Silt sized, grass rootlets present	40	HQ							
	SILT, mottled orange grey, stiff, moist, low plasticity		1							60	SPT							
	Becomes grey		2							80	SPT							
	Sandy SILT, blue grey, soft to firm, moist, low plasticity		3							40	HQ							
	SAND, dark blue grey, loose, wet, poorly graded		4							60	SPT							
			5								40	HQ						
			6								60	SPT						
	Becomes saturated		7								100	SPT						
	Becomes wet		8								100	HQ						
			9								0	HQ						
	Becomes medium dense		10								100	SPT						
			11								0	HQ						
	GRAVEL, dark grey, saturated		12								60	SPT						
	SAND with trace gravel, dark blue grey, loose, wet, poorly graded, shell fragments		13								40	HQ						
			14								70	SPT						
	Sandy SILT, grey, soft to firm, moist, low plasticity		15								0	HQ						
	Becomes dark grey, firm, shell fragments		16								80	CPT						
	SAND with some silt, dark grey, loose, moist, shell fragments		17								80	HQ						
			18								80	SPT						
			19								0	HQ						
		20								0	HQ							
		21								80	SPT							
		22								0	HQ							
		23								0	HQ							
		24								0	HQ							




NOTES - CPT101 results shown LOGGED IN ACCORDANCE WITH NZ GEOTECHNICAL SOCIETY (2009) GUIDELINES SEE ATTACHED KEY SHEET FOR EXPLANATION OF SYMBOLS	STARTED 15/09/2014	FINISHED 17/09/2014
	DRILLER Troy Norriss	DRILLING Co. CW Drilling
	INCLINATION/ AZIMUTH -90°	DRILLING RIG Hanjin D&B 8-D
	LOGGED G Hickey	CHECKED D Mason
	CLIENT Marlborough District Council	JOB No. 5C2128.02

BH TB1


BOREHOLE LOG_AS_PT 1 CPT AND CORED SOIL 5C2128.02 TOWN BRANCH DRAIN, BLENHEIM GP1, OPUS, ASS.GDT, 4/1/14

Legend





2014 Site Investigations

-  Borehole
-  CPT
-  CPT (seismic)

2012 Site Investigations

-  CPT

Section locations

-  long section
-  cross section
-  Land Parcel
-  Contours (1m)

