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ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM BQF 075:191/95

BOREHOLE No : 235
 SHEET : 1 OF 2
 REFERENCE No : H8173

PROJECT : SOUTH EAST TRANSIT PROJECT - PACKAGE 2
 LOCATION : 4175.535E 161968.6N
 PROJECT No : C60117 SURFACE R.L. : 23.21 DRILLER : DALY BROTHERS PTY LTD
 JOB No : 650302CN DATUM : AHD DATE DRILLED : 11/12/97

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE DRILLING CASING OTHER	RQD (%) CORE REC%	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	23.21			SUBBASE Gravel below 100mm thick asphalt.						(Driller's log only)	
1	22.21			FILL Green brown to grey brown, fine to coarse grained, dry to moist, stiff to very stiff gravelly sandy silty clay; frequent rock fragements throughout.	GW					5, 11, 3 N=14	SPT
2										15, 5, 12 N=17	SPT
3										6, 10, 7 N=17	SPT
4										9, 9, 10 N=19	SPT
5					GM					firm layer 6, 2, 6 N=8	SPT
6										4, 5, 5 N=10	SPT
7										3, 4, 7 N=11	SPT
8										5, 8, 7 N=15	SPT
9										5, 8, 10 N=18	SPT
10											

REMARKS : No rock core encountered to 16.27m depth.

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						EH	VH	H	M	VL				
10	13.21			FILL (Contd.)	GM								3, 6, 4 N=10	SPT
11	12.21			FILL Dark brown to black, fine grained, moist stiff coal ash; with some silty clay zones.	ML								2, 6, 8 N=14	SPT
12	11.46			SILTY CLAY Green grey to red brown, moist, stiff to very stiff silty clay; frequent mottled zones; low plasticity; occasional organic materials. (Probable residual soils from weathered tuff)	CL							PPSu=123kPa WD=1.92; DD=14.48; MC=29.6	U48	
13													6, 8, 12 N=20	SPT
14	9.21			XW TUFF Green grey to dark grey exhibits engineering properties of moist to dry, hard silty clay; occasional isolated red-brown mottled zones; relic structures are visible.	XW								9, 18, 23 N=41	SPT
15													10, 27, 29 N=56	SPT
16	6.94			16m, 270 mm black baked zone									12, 30/125 N=>50	SPT
				END OF HOLE										
17														
18														
19														
20														

REMARKS : PP = pocket penetrometer

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