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ENGINEERING BORELOG

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

BOREHOLE No : 123
SHEET : 1 OF 2
REFERENCE No : H8191

PROJECT : SOUTH EAST TRANSIT PROJECT-SECTION 1
LOCATION : 2421.408E 163859.958N
PROJECT No : C60128 SURFACE R.L. : 7.41 DRILLER : DALY BROTHERS PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 7/1/98

DEPTH (m)	R.L. (m)	ALGER CORE DRILLING CASING OTHER	RQD (%)	CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	7.41					TOP SOIL					Driller's log only.	
0.71	7.21					FILL Consisting dark grey to black, moist, soft to stiff, a mixture of rock fragments, gravel, sand, silt and clay. Higher fraction of rock fragments; some parts are loomy in appearance.	GP				PPSu =67kPa	U48
5.66						SILTY CLAY Dark grey to dark brown, moist, stiff to very stiff. Occasional organic materials; frequent red brown to orange mottled zones. (Probable older type alluvium).	CL				PPSu =55kPa	U48
3.66						GRAVELLY SILTY CLAY Grey to pale orange brown, moist, very stiff. Pale orange brown mottled zones. (Probable residual type material)					PPSu =68kPa MC%=41.6;WD=1.74;DD=1.24	U48
4											PPSu =100kPa MC%=31.4;WD=1.94;DD=1.48	U48
5											3,5,7 N=12	SPT
6							GC				3,5,6 N=11	SPT
7											5,5,6 N=11	SPT
8	-0.79					PHYLLITE XW : Generally exhibits engineering properties of grey to orange brown, moist, very stiff to hard sandy silty clay. Relic rock structures; angular to sub-angular medium to coarse grained quatrz.	XW				PPSu =>60kPa	U48
9											8,10,16 N=26	SPT
10												

REMARKS : GREEN GREY TO GREY BROWN MEDIUM TO COARSE GRAINED FOLIATED METASEDIMENTARY
ROCK. BOTH CONCORDANT AND DISCORDANT QUARTZ VEINS.

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							W	H	M	V				
10	-2.59				XW PHYLLITE (As above.)								7,13,18 N=31	SPT
11						XW							12,19,23 N=42	SPT
12	-4.79												30,30/50 N=50	SPT
					END OF HOLE									
13														
14														
15														
16														
17														
18														
19														
20														

REMARKS

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