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# ENGINEERING BORELOG

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

BOREHOLE No : 101  
SHEET : 1 OF 1  
REFERENCE No : H8174

PROJECT : SOUTH EAST TRANSIT PROJECT - SECTION 1  
LOCATION : 2046.001E 164589.766N  
PROJECT No : C60128 SURFACE R.L. : 4.74 DRILLER : DALY BROTHERS PTY LTD  
JOB No : DATUM : AHD DATE DRILLED : 15/1/98

DEPTH (m)	R.L. (m)	AUGER 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
								EH	VH	H	M	VL				
0	4.74 4.64					PAVEMENT FILL Consisting dark grey to brown, loose, dry to moist, a mixture of rock fragments, brick fragments, gravel, sand, silt and clay. (Coarse fraction>fine fraction) Orange to red brown mottled zones.  (Probable non-engineered type material)	GC								3,4,3 N=7	SPT
1																
2																
3	1.99					SILTY CLAY Dark grey, moist, stiff. Some organic materials.  (Probable younger alluvium)	OH								PPSu =75kPa WD=2.2;DD=1.62 MC%=24.8	U48
4	0.99					SILTY CLAY Grey brown, moist, firm to very stiff. Brown to orange brown mottled zones.  (Probable older alluvium)									LL=46.2;PI=28.8;LS=13.00 WD=1.92;DD=1.46 MC%=31.2 PPSu =80kPa	U48
5																
6							CL								3,3,4 N=7	SPT
7															PPSu =63kPa C=48.0kPa Friction=22.5 degrees WD=1.94; DD=1.50;MC%=28.4	U48
8	-3.01														PeakFSv >155 kPa	FSV
9	-3.66					PHYLLITE (see description in remarks) XW : Exhibits engineering properties of orange brown to grey brown, moist very stiff to hard sandy silty clay.	XW								PPSu =160kPa MC%=31.0 WD=1.94;DD=1.48	U48
10						END OF HOLE										

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

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