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ENGINEERING BORELOG

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

BOREHOLE No :	122
SHEET :	1 OF 1
REFERENCE No :	H8190

PROJECT : SOUTH EAST TRANSIT PROJECT-SECTION 1
 LOCATION : 2398.985E 163897.287N
 PROJECT No : C60128 SURFACE R.L. : 6.90 DRILLER : DALY BROTHERS PTY LTD
 JOB No : DATUM : AHD DATE DRILLED : 5/1/98

DEPTH (m)	R.L. (m)	ALGER CORE DRILLING CORE 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
0	6.80					TOP SOIL - Dark brown silty clay. FILL					Driller's log only.		
0.80	6.80					Orange brown to dark brown, moist, very soft to stiff a mixture of silt, clay, sand, gravel and rock fragments. Cobble to pebble size rock fragments; Occasional red to red brown sandy layers (Probable engineered type fill)	GC						
1	5.65					SILTY CLAY Pale brown to brown, moist, stiff. Occasional sand & gravel. (Probable older alluvium)					1,1,1 N=2	SPT	
2							CL				MC%=30.4;WD=1.92;DD=1.48 PPSu =55kPa	U48	
3											PPSu =63kPa	U48	
4	3.15					SILTY CLAY Red brown, moist, very stiff. Red brown mottled zones and iron concretion. (Probable residual type material)					MC%=30.0;WD=1.94;DD=1.48 PPSu =111kPa	U48	
5							CL				MC%=25.6;WD=2.04;DD=1.62 PPSu =103kPa	U48	
6	1.30					PHYLLITE GREEN GREY, MEDIUM TO COARSE GRAINED FOLIATED METASEDIMENTARY ROCK. DARK MICA & PALE (QUARTZ) LAYERS. CONCORDANT & DISCORDANT QUARTZ VEINS. XW: Generally exhibits engineering properties of orange brown to grey brown, moist sandy silty clay. at 6.00m partly to completely red brown mottled and concreted zones.					Probable groundwater fluctuation zone.	5,8,11 N=19	SPT
7							XW					6,12,16 N=28	SPT
8												9,14,19 N=34	SPT
9	-2.39											24,30/140 N=>50	SPT
10						END OF HOLE							

REMARKS :

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