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ENGINEERING BORELOG

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

BOREHOLE No : 108

SHEET : 1 OF 1

REFERENCE No : H8179

PROJECT : SOUTH EAST TRANSIT PROJECT-SECTION 1
LOCATION : 2110.587E 164397.52N
PROJECT No : C60128 SURFACE R.L. : 4.00 DRILLER : DALY BROTHERS PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 16/1/98

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING OTHER	RQD (%) CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	4.00					SM				Driller's log only.	
	3.83				SANDY SILT / SILTY SAND SANDY SILT CLAY Yellow brown. (Probable residual material).	CL				Driller's log only.	
1	3.00				PHYLITE (Rock description in remarks). XW : Generally exhibits engineering properties of grey green, moist, hard silty clay. Some relic rock structures.	XW				9,14,20 N=34	SPT
	2.25				HW : MW : Orange brown to grey brown; foliated; occasional discordant quartz veins otherwise concordant veins; occasional clay seams in some defects.	HW				Is(50)=4.32MPa Is(50)=2.85MPa	o o
2	2.10				Defects: Major - foliation partings (<20 deg.) Minor - subvertical (>75 deg.) - 40 deg.	MW				Is(50)=1.06MPa	o
3			(61%) 85								
4	-0.40		(61%) 92								
5			86		HW : Orange brown to brown, frequent MW rock kernals and corestones in sandy silty clay matrix. Medium to coarse grained sand (matrix > grains).	HW				App. 20mm thick quartz band	
	-1.80		100								
6					END OF HOLE						
7											
8											
9											

EM. 'S : GREY GREEN TO GREY BROWN MEDIUM TO COARSE GRAINED FOLIATED METASEDIMENTARY
ROCK. FOLIATION <20 DEG. BOTH CONCORDANT AND DISCORDANT QUARTZ VEINS.

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