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# ENGINEERING BORELOG

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

BOREHOLE No : 105  
SHEET : 1 OF 2  
REFERENCE No : H8177

PROJECT : SOUTH EAST TRANSIT PROJECT-SECTION 1  
LOCATION : 2045.118E 164506.805  
PROJECT No : C60128 SURFACE R.L. : 9.29 DRILLER : DALY BROTHERS PTY LTD  
JOB No : DATUM : AHD DATE DRILLED : 22/1/98

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	9.29					FILL Consisting dark grey to black, dry to moist, firm, a mixture of rock fragments gravels, sand, silt and clay.  Medium to coarse gravelly basaltic rock fragments; coal ash; some organic materials; low to medium plasticity; orange brown mottled zones increasing with depth. (Probable non-engineered type material).	GC				4,3,2 N=5	SPT
1												
2											2,3,3 N=6	SPT
3	6.54					SANDY SILTY CLAY Pale brown to brown, moist, hard. (Probable residual type material).	CL				PPSu =228kPa	U48
4	5.69					PHYLLITE GREY TO GREEN GREY, MEDIUM TO COARSE GRAINED FOLIATED METASEDIMENTARY ROCK. FOLIATION PLANE MAINLY <20 DEGREES; DARK (MICA) & PALE (QUARTZ) INTERLAYERS; BOTH CONCORDANT AND DISCORDANT MEDIUM TO COARSE QUARTZ VEINS.  XW: Exhibits engineering properties of orange brown to green brown, moist, very stiff to hard gravelly sandy silty clay. Angular to subangular medium to coarse quartz grains; occasional orange brown mottled zones; occasional HW-MW rock fragments.	XW				11,13,13 N=26	SPT
5											6,12,25 N=37	SPT
6	3.39					HW Pale brown to brown; corestone and rock kernals in sandy silty clay matrix; medium to very coarse grained quartz bearing zones.						
7			(0%)	60								
8			(0%)	14							Medium to very coarse quartz (Probable cave in)	
9			(0%)	40			HW				Medium to very coarse quartz (Probable cave in)	
10	-0.31		(0%)	54								
						MW - Pale brown to grey brown, low to medium strength; completely ironstained along defects.	MW					

REMARKS : Defects: Mainly bedding partings (<20 degrees)

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10	-0.76		60			MW PHYLLITE (As above.)						
11						END OF HOLE						
12												
13												
14												
15												
16												
17												
18												
19												
20												

REMARKS :

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