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ENGINEERING BORELOG

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

BOREHOLE No : 112
SHEET : 1 OF 1
REFERENCE No : H8181

PROJECT : SOUTH EAST TRANSIT PROJECT-SECTION 1
LOCATION : 2230.667E 164205.343N
PROJECT No : C60128 SURFACE R.L. : 3.85 DRILLER : DALY BROTHERS PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 12/1/98

DEPTH (m)	R.L. (m)	AUGER DRILLING 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	3.95				BITUMEN/ASPHALT FILL Consisting grey brown to black brown, dry to moist, soft to very stiff; a mixture of rock fragments, gravels, sand, silt and clay. (Probable engineered type fill)	GC				Driller's Log only.	
1										WD=2.06; DD=1.72; MC%=20.8 PPSu=128kPa	U48
2	1.65				SILTY CLAY Dark brown, moist, soft to firm. High plasticity; sandy in parts. (probable younger alluvium).	CL					
3											
4	-0.45				Gravel to cobble in parts at 4.00m.					1.9, N=10	SPT
5					PHYLLITE (Rock description in remarks) XW : Generally exhibits engineering properties of grey brown to orange brown, moist stiff to hard gavelly sandy silty clay. Sand to gravel size, medium to coarse grained quartz; some relic rock structures.	XW					
6	-1.80		(0%) 100 (37%) 40		HW : Orange brown, extremely fractured; closely spaced foliation partings; easily breakable HW-MW rock kernals in sandy clay matrix. (Coarse grains>fine matrix).	HW				30,30/65 N=50	SPT
7	-3.20		(0%) 64 (57%) 100		HW QUARTZ BAND: Medium to coarse, white to grey, angular to subangular, hard, highly fractured, siliceous.	HW					
8	-4.10		(0%) 88		MW QUARTZ BAND Massive, white grey; higher strength and siliceous. Defects : Mainly range 80 degrees & completely ironstained; occasional vertical	MW				HW phyllite band.	
9	-4.90		(42%) 100								
10					END OF HOLE						

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

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