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 / CORE DRILLING / CASING / OTHER	RQD ( )% CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT STRENGTH (EH VH I M L VL)	DEFECT SPACING (mm) (20 60 200 600 2000)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES	TESTS
0	3.85				**BITUMEN/ASPHALT**						Driller's log only.		
	3.75				**FILL** Consisting grey brown to black brown, dry to moist, soft to very stiff; a mixture of rock fragements, gravels, sand, silt and clay. (Probable engineered type fill)	GC					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					HW<1		SPT
4	-0.45				Gravel to cobble in parts at 4.00m.						1,9, N=10		SPT
5	-1.80				**PHYLLITE (Rock descripyion 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 strctures.	XW					30,30/65 N=>50		SPT
6			(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							
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 QURATZ BAND** Massive, white grey; higher strength and siliceous. Defects : Mainly range 80 degrees & completely ironstained; occasional vertical	MW					HW phyllite band.		
	-4.90		(42%) 100		END OF HOLE	HW							
9													
10													

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

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