ENGINEERING BORELOG

Main Roads

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

BOREHOLE No : 101
SHEET : 1 OF 1
REFERENCE No : H8174

PROJECT : SOUTH EAST TRANSIT PROJECT - SECTION 1
LOCATION : 2046.001E 164589.766N
PROJECT No : C60128 SURFACE R.L. : 4.74 DRILLER : DALY BROTHERS PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 15/1/98

DEPTH (m)	R.L. (m)	AUGER / CORE DRILLING / CASING / OTHER	RQD ( )% CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT STRENGTH EH VH H M L VL	DEFECT SPACING (mm) 20 60 200 600 2000	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES	TESTS
0	4.74				**PAVEMENT**								
	4.64				**FILL** Consisting dark grey to brown, loose,dry to moist, a mixture of rock fragments, brick fragments, gravel, sand, silt and clay. (Coarse fraction>fine fraction) Orange to red brown mottled zones. (Probable non-engineered type material)	GC					3,4,3 N=7		SPT
2											2,2,1 N=3		SPT
	1.99				**SILTY CLAY** Dark grey, moist, stiff. Some organic materials. (Probable younger alluvium)	OH					PPSu =75kPa WD=2.2;DD=1.62 MC%=24.8		U48
	0.99				**SILTY CLAY** Grey brown, moist, firm to very stiff. Brown to orange brown mottled zones. (Probable older alluvium)	CL					LL=46.2;PI=28.8;LS=13.00 WD=1.92;DD=1.46 MC%=31.2 PPSu =80kPa		U48
5											3,3,4 N=7		SPT
6											PPSu =63kPa C=48.0kPa Friction=22.5 degrees WD=1.94; DD=1.50;MC%=28.4		U48
7											PeakFSv >155 kPa		FSV
	-3.01				**PHYLLITE (see description in remarks)** XW : Exhibits engineering properties of orange brown to grey brown, moist very stiff to hard sandy silty clay.	XW					PPSu =160kPa MC%=31.0 WD=1.94;DD=1.48		U48
	-3.66				END OF HOLE								
9													
10													

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

LOGGED BY DISS