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# ENGINEERING BORELOG

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

BOREHOLE No : 103  
SHEET : 1 OF 2  
REFERENCE No : H8247

PROJECT : SOUTH EAST TRANSIT PROJECT - SECTION 1  
LOCATION : 1999.542E 164575.075N  
PROJECT No : C60128 SURFACE R.L. : 4.83 DRILLER : DALY BROTHERS PTY LTD  
JOB No :  DATUM : AHD DATE DRILLED : 26/3/98

DEPTH (m)	R.L. (m)	AUGER 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	4.83											
4.33						PAVEMENT Asphalt and gravel.					(Driller's log only)	
3.33						FILL Dark brown moist, soft, a mixture of gravel, sand silt and clay. (Probable engineered type fill).	GC				5,6,2 N=8	SPT
2.23						SILTY CLAY Pale grey to brown, moist, firm to stiff medium plasticity; scattered red brown mottled and iron concreted zones. (Probable alluvial type material)					PPSu=82kPa	U48
										19/05/98		
										10/10, STOPPED		SPT
										low plasticity.	2,2,4 N=6	SPT
											PPSu=129kPa	U48
							CL					
											3,3,4 N=7	SPT
											PPSu=140kPa	U48
											2,3,5 N=8	SPT
											PPSu=163kPa MC=31.6, WD=1.93; DD=1.47	U48

REMARKS :

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BOREHOLE No : 103  
SHEET : 2 OF 2  
REFERENCE No : H8247

PROJECT : SOUTH EAST TRANSIT PROJECT - SECTION 1  
LOCATION : 1999.542E 164575.075N  
PROJECT No : C60128 SURFACE R.L. : 4.83 DRILLER : DALY BROTHERS PTY LTD  
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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
10	-5.17											
11						<b>SILTY CLAY</b> Pale grey to pale brown stiff. Red brown iron concretion and some friable zones. (Probable alluvial type material)	CL				4,5,6 N=11	SPT
	-6.92											U48
12	-7.22					<b>HW PHYLLITE: Grey brown to green brown</b> <del>rock-kernels in sandy clay matrix.</del> <b>PHYLLITE (rock description in remarks)</b> MW : Pale green to grey green, irregular to contorted subvertical layers; red-brown iron staining throughout; irregular quartz veins and patches.  Defects : major - <30 deg (4/m). minor - 45 deg (1/m).	HW				30/50 N=60	SPT
13											Is(50)=1.28MPa	x
14			(87%) 100				MW				Is(50)=1.55MPa	x
15	-10.17		(72%) 100								Is(50)=2.87MPa	x
											Is(50)=3.01MPa	x
16						END OF HOLE						
17												
18												
19												
20												

REMARKS : PHYLLITE : PALE GREEN TO GREY GREEN FINE GRAINED FOLIATED METASEDIMENTARY

ROCK. FOLIATION SUB VERTICAL, IRREGULAR TO CONTORTED.

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