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# ENGINEERING BORELOG

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

BOREHOLE No :	113
SHEET :	1 OF 1
REFERENCE No :	H8182

PROJECT : SOUTH EAST TRANSIT PROJECT-SECTION 1  
 LOCATION : 2236.264E 164194.948N  
 PROJECT No : C60128 SURFACE R.L. : 3.72 DRILLER : DALY BROTHERS PTY LTD  
 JOB No : DATUM : AHD DATE DRILLED : 12/1/98

DEPTH (m)	R.L. (m)	ALGER CORE DRILLING CORE CASING OTHER	RQD (%) CORE REC%	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	3.72			<b>BITUMEN/ASPHALT FILL</b> Consisting yellow brown to black brown, moist, stiff a mixture of gravel, sand, silt and clay. (Probable engineered type fill)	GC				Driller's log only	
1									WD=1.86; DD=1.34 PPSu =60kPa; MC%=38.0	U48
2	1.97			<b>SILTY CLAY</b> Grey, moist, soft to firm with some gravels, rock fragments. (Probable younger alluvium).	CL				ResFSV =6.2kPa PeakFSV=62kPa Extra sensitive soft clay	FSV
3										
4	0.22			<b>PHYLLITE</b> GREY GREEN TO GREY BROWN MEDIUM TO COARSE GRAINED FOLIATED METASEDIMENTARY ROCK FOLIATION PLANE FROM 60 TO 80 DEGREES; BOTH CONCORDANT AND DISCORDANT QUARTZ VEINS.  XW : Generally exhibits engineering properties of yellow brown to grey, moist, hard, gravelly sandy silty clay.	XW				4, 11, 24 N=35	SPT
5										
6	-2.14		(63%) 100	<b>HW :</b> Orange brown to brown, friable, extensively weathered along defects; frequent rock kernals and core stones; foliation plane varies from 60-80 degrees.	HW				Broken zone	
7			100						Highly fractured Broken zone	
8			100						Broken zone	
9	-4.71		100	<b>MW :</b> Orange brown to brown; some blue grey argillite bands). Bedding varies from 60-80 degrees.	MW				Is(50)=0.38MPa	x
10	-5.78		(74%) 93	<b>Defects :</b> Foliation Parting (60-80), 40 & <20 Deg.					Is(50)=0.27MPa	x
10				END OF HOLE						

REMARKS : Extensively fractured along foliation partings.

LOGGED BY  
DISS

SOUTH EAST TRANSIT PROJECT  
SECTION ONE

HOLE 113  
START 5.86  
END 9.50

H 8182  
1 OF 1  
JAN 1998

C60128

