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ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/0-1998

BOREHOLE No : 117
SHEET : 1 OF 2
REFERENCE No : H8641

PROJECT : BRISBANE PORT ROAD - STAGE 3
LOCATION : 46723.250E 34417.520N
PROJECT No : C60323 SURFACE R.L. : 2.18 DRILLER : FOUNDRIL PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 17/11/99

DEPTH (m)	R.L. (m)	AUGER DRILLING CORE DRILLING OTHER	RQD (%)	CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	2.18												
1						GRAVELLY FILL Pale brown to dark brown, moist to dry, very dense.							
2							GC					4,2,2 N=4	SPT
3	-0.82					GRAVELLY FILL IN ESTUARINE SILTY CLAY Partly decomposed plant more towards bottom.						(Possible Transition Zone)	
4						ESTUARINE SILTY CLAY Dark grey, moist to wet, sensitive, very soft to soft. High content of organic materials.						5,1,1 N=2	SPT
5							OH					Peak = 8.4 kPa Res <2.0 kPa	FSV
6	-4.12												
7						SANDSTONE FINE TO MEDIUM GRAINED, LAMINATED SEDIMENTARY ROCK XW : Generally exhibits engineering properties of white grey to orange red, moist to dry, hard clayey sandy silt. Frequent relic rock structures.	XW					22,16,21 N=37	SPT
8						HW : Pale grey to orange brown, moist to dry, hard sandy silt. Occasional very low strength rock kernels.						25,32,30/145 N>50	SPT
9							HW						
10	-5.32											18,19,22 N=41	SPT

REMARKS : O - Axial point loads; X - Diametrical point loads.

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							EH	VH	H	M	VL	20				60
10	-7.82				HW : (As above) INTERBEDDED SANDSTONE AND SILTSTONE MW : SILTSTONE - Dark grey to grey brown, fine grained, low strength. SANDSTONE - Orange, fine to medium grained, mainly low to medium strength. Defects : Bedding/Lamination partings < 30 deg (5/m) .	MW									Is (50) = 0.05MPa	o
11															Is (50) = 0.18MPa	x
12															Is (50) = 0.44MPa	x
	-10.47														Is (50) = 0.29MPa	x
13	-10.82		(100) 100		SW : Dark grey to orange brown, bedded, medium strength	SW									Is (50) = 0.15MPa	o
					END OF HOLE											
14																
15																
16																
17																
18																
19																
20																

REMARKS :

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