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ENGINEERING BORELOG

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

BOREHOLE No : 112
SHEET : 1 OF 2
REFERENCE No : H8637

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46724.073E 34328.726N
PROJECT No : C60323 SURFACE R.L. : 2.23 DRILLER : Foundril Pty Ltd
JOB No : DATUM : AHD DATE DRILLED : 11/11/99

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE 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	2.23											
1						ROCKFILL Rock fragments sizes varying up to boulders.						
2							GC				Driller's log only.	
3	-0.67										11/11/99	
4	-1.27					ROCKFILL As above but in estuarine silty clay. (POSSIBLE TRANSITION ZONE).					Driller's log only.	
5	-1.77		88			ESTUARINE SILTY CLAY Dark grey, moist, very soft.	OH				Driller's log only.	
6	-3.07		100			INTERBEDDED SANDSTONE AND SILTSTONE FINE TO MEDIUM GRAINED BEDDED SEDIMENTARY ROCK XW : Generally exhibits engineering properties of pale green brown, moist to dry, hard sandy silt.	XW				19,23,24 N=47	SPT
7	-4.27					Low plasticity. HW : Gravel size rock kernels and core stones in brown to red brown, moist, hard sandy silt matrix.						
8						Frequent concreted and lateritised zones	HW				29,30/115, N >50	SPT
9	-6.37					MW : Orange to grey brown, fine to medium grained, cemented, low to medium strength.					30/100, N >50	SPT
10	-7.07					SILTSTONE FINE GRAINED THINLY LAMINATED ROCK. Grey brown to dark grey, carbonaceous, very low to low strength with occasional medium strength sandstone interbeds.	MW				siltstone interbed siltstone siltstone Is(50)=0.40MPa sandstone Is(50)=0.05MPa	x x

REMARKS : X - Diametrial point loads.

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DEPTH (m)	R.L. (m)	TYPE OF 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
10	-7.77										
	-8.32		(72) 100		SILTSTONE (As above).	HW				sandstone	
11	-9.37				SANDSTONE FINE TO MEDIUM GRAINED SEDIMENTARY ROCK. Pale brown, slightly carbonaceous, medium strength. No defects were present.	MW				Is (50) = 0.37MPa Is (50) = 0.18MPa Is (50) = 0.35MPa Is (50) = 0.40MPa	 o o o x
12					END OF HOLE						
13											
14											
15											
16											
17											
18											
19											
20											

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

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