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ENGINEERING BORELOG

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

BOREHOLE No : 138
SHEET : 1 OF 2
REFERENCE No : H8655

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46772.800E 34433.900N
PROJECT No : C60323 SURFACE R.L. : 2.06 DRILLER : FOUNDRIL PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 19/11/99

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	2.06					ROCKFILL Dark grey, wet, gravelly clay and ash.	GC					
1	1.36					ESTUARINE SILTY CLAY Dark grey, moist to wet moderately sensitive to sensitive, soft. High organic content and plasticity; partly decomposed plant roots and shell fragments towards bottom.					Peak= 21.46kPa Res= 6.13kPa	FSV
2											MC=93.6% WD=1.48; DD=0.76; LL=64.2% PI=31.0% LS=17.4%	U99
3												
4											Peak=18.17kPa Res= 2.72kPa	FSV
5							OH					
6											MC=69.0% WD=1.62; DD=0.96; LL=58.8% PI=31.0% LS=17.6% Peak=16.15kPa Res= 7.23kPa	FSV
7											Shell & organic roots; Peak= 29.08kPa Res= 7.27kPa	FSV
8												
9	-6.74					ALLUVIAL SILTY CLAY Grey green to grey, moist, firm to stiff Partly fissured; high plasticity.	OL				MC=38.6% WD=1.92; DD=1.44; LL=72.6% PI=46.2% LS=17.6%	U99
10	-7.94											

REMARKS :

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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
10	-7.94				ALLUVIAL SILTY CLAY (as above)	OL				4,6,7 N=13	SPT
11	-8.94				SANDSTONE MEDIUM GRAINED, FOLIATED SEDIMENTARY ROCK XW: Generally exhibits engineering properties of grey brown to red brown, moist sandy silt.	XW				Medium gravel sand 8,15,27 N=42	SPT
12	-10.44				INTERBEDDED SANDSTONE AND SILTSTONE HW: Dark grey to red brown moist to dry sand silt. Frequent hard to low strength corestones and rock kernels.	HW				30/130 N>50	SPT
13											
14											
15										16,30/120	SPT
16	-13.94				SANDSTONE Pale orange brown, laminated, low to mainly medium strength, fine to medium grained. Defects Laminated parting, <25deg (3/m).	MW				siltstone Is(50)=0.43MPa Is(50)=0.66MPa	x o
17			(97) 100								
18	-15.97				INTERBEDDED SANDSTONE AND SILTSTONE Pale grey to dark grey interbedded, medium to high strength. Defects - LP <25deg (4/m)	SW				Eroded to sandy bed siltstone Is(50)=0.61MPa Is(50)=1.06MPa	x o
19	-16.89		(100) 100								
20					END OF HOLE						

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

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BRISBANE PORT ROAD - STAGE 3

H8655

BH 138

10F1

START 16.00
END 18.95
NOV 1999

C 60323

