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ENGINEERING BORELOG

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

BOREHOLE No : 110
SHEET : 1 OF 3
REFERENCE No : H8636

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46895.400E 34448.000N
PROJECT No : C60323 SURFACE R.L. : 1.82 DRILLER : FOUNDRIL PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 22/11/99

DEPTH (m)	R.L. (m)	AUGER DRILLING CORE DRILLING CASE LOG OTHER	RQD (%)	CORE REC'D	SAMPLE	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	1.82					TOP SOIL						Driller's log only.	
1	1.52					ESTUARINE SILTY CLAY Dark grey, moist to wet, moderately sensitive to sensitive, soft to mainly firm becoming stiff towards bottom. High organic content; occasional silty sand layers/interbeds; high plasticity. partly decomposed plant matter and shell fragments towards bottom.						Peak= 30.4kPa Res= 9.1 kPa	FSV
2												MC=70.8% WD=1.62; DD=0.94; LL=59.6% PI=29.0% LS=16.0% PP= 23.3 kPa C= 11.0kPa Q= 2.0 deg.	U50
3												Peak= 24.5kPa Res= 4.5 kPa	FSV
4												PP= 30.0 kPa	U50
5							OH					Peak= 28.8kPa Res= 6.3 kPa	FSV
6												MC=81.6% WD=1.52; DD=0.84; LL=74.6% PI=38.8% LS=19.0% PP= 55.7 kPa C= 48.0kPa Q= 2.0 deg.	U50
7													
8													
9													
10	-7.98												

REMARKS : LOGGED BY

ENGINEERING BORELOG

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SYMBOLS REFER FORM F:GEOT 017/0-1998

BOREHOLE No : 110
SHEET : 2 OF 3
REFERENCE No : H8636

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46895.400E 34448.000N
PROJECT No : C60323 SURFACE R.L. : 1.82 DRILLER : FOUNDRIL PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 22/11/99

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
10	-8.18					ESTUARINE SILTY CLAY (As above).	OH				Peak= 48.6kPa Res= 12.2kPa	FSV
11												
12											PP= 63.3 kPa	U50
	-10.68											
13						ALLUVIAL SILTY CLAYS Grey green to pale mottled brown, stiff to very stiff becoming harder downwards. Partly fissured; pale yellow secondary mineralization along fissured planes. Appears to have been aerially oxidised, desiccated and hardened in most places.					PP= 320 kPa	U50
14												
15											4, 6, 7 N=13	SPT
16							OL				3, 5, 6 N=11	SPT
17												
18											4, 6, 7 N=13	SPT
19												
20											4, 5, 8 N=13	SPT

REMARKS :

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ENGINEERING BORELOG

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

BOREHOLE No : 110

SHEET : 3 OF 3

REFERENCE No : H8636

PROJECT : BRISBANE PORT ROAD STAGE 3

LOCATION : 46895.400E 34448.000N

PROJECT No : C60323

SURFACE R.L. : 1.82

DRILLER : FOUNDRIL PTY LTD

JOB No :

DATUM : AHD

DATE DRILLED : 22/11/99

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CASING OTHER	RQD (%) CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH EH VH H M L	DEFECT SPACING (mm) 20 60 200 600 2000	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
20	-18.18				RESIDUAL SILTY CLAY Pale grey to green, moist, very stiff to hard. Some relic rock structures.	RS				6,12,18 N=30	SPT
21											
22	-19.68				SANDSTONE FINE TO MEDIUM GRAINED, LAMINATED SEDIMENTARY ROCK XW : Generally exhibits engineering properties of pale brown to orange brown moist to dry, hard sandy silt.	XW				9,16,25 N=41	SPT
23	-21.18				HW : Drillers log only.	HW					
24					MW : Pale grey brown to dark grey, fine to medium grained, low to medium strength with occasional high strength bands. Partly carbonaceous; frequent low grade coal seams.					Is (50)=0.28MPa Is (50)=0.58MPa	x x
25			(97) 100		Defects : Lamination partings <40 deg (4/m). Occasional subvertical >75 deg (1/3m).	MW					
26	-25.03		(60) 100							Is (50)=0.59MPa	x
27					END OF HOLE						
28											
29											
30											

REMARKS : X - Diametrial point loads.

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BRISBANE PORT ROAD - STAGE 3

C 60323

START 23.90
END 26.85
NOV 1999
H8636
BH 110
1OF1

