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ENGINEERING BORELOG

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

BOREHOLE No : 127
SHEET : 1 OF 3
REFERENCE No : H8646

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46981.300E 34516.400N
PROJECT No : C60323 SURFACE R.L. : 2.80 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	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	2.80					ROCKFILL Brown to grey, gravel to boulder size rock fragments.	GC				Driller's log only.	
1	1.50					TOP SOIL Pale green grey to dark mottled brown, moist, firm to stiff.					Peak= 56.0kPa Res= 3.0 kPa	FSV
2	0.80					TOP SOIL DEVELOPED OVER ESTUARINE SILTY CLAY						
3						ESTUARINE SILTY CLAY Dark grey, moist to wet, very sensitive, very soft to firm.	OH				Peak= 25.0kPa Res= 3.0kPa MC=62.8% WD=1.60; DD=0.98; LL=48.8% PI=24.8% LS=13.6%	FSV U99
4											Peak= 31.0kPa Res= 4.0kPa	FSV
5											Peak= 30.0kPa Res= 3.0 kPa	FSV
6	-2.70					ESTUARINE SANDY SILTY CLAY Dark grey brown, wet, loose. High organic content.	SM				Peak= 47.0kPa Res= 5.0kPa MC=60.69% WD=1.70; DD=1.06; LL=48.4% PI=22.4% LS=12.4%	FSV U99
7	-4.20					ESTUARINE SILTY CLAY Dark grey, moist, soft. High content of sea shells.					Peak= 34.0kPa Res= 12kPa	FSV
8							OH				Peak =21.0kPa Res= 2.4 kPa	FSV
9											RW, <1 N<1	SPT
10												

REMARKS :

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ENGINEERING BORELOG

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

BOREHOLE No : 127

SHEET : 2 OF 3

REFERENCE No : H8646

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46981.300E 34516.400N
PROJECT No : C60323 SURFACE R.L. : 2.80 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					DEFECT SPACING (mm)					GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
							EH	VH	H	M	L	VL	20	60	200	600	2000		
10	-7.20				ESTAUINE SILTY CLAY (As above).														
					Becoming firm to stiff towards bottom.													Peak= 25.2kPa Res= 4.2 kPa	FSV
11																			
12																		Peak= 35.1kPa Res= 3.6 kPa	FSV
13																			
14																			
15						OH													
16																		Driller's log only.	
17																			
18																			
19																			
20																			

REMARKS :

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ENGINEERING BORELOG

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

BOREHOLE No : 127

SHEET : 3 OF 3

REFERENCE No : H8646

PROJECT : BRISBANE PORT ROAD STAGE 3

LOCATION : 46981.300E 34516.400N

PROJECT No : C60323

SURFACE R.L. : 2.80

DRILLER : FOUNDRIIL 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	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
20	-17.20					ESTUARINE SILTY CLAY (As above).	OH				Driller's log only.	
21	-18.30					SANDY GRAVEL						
22												
23							GW				No recovery; drillers log only. 5,8,10 N=18	SPT
24												
25												
26	-22.80					SANDSTONE FINE TO MEDIUM GRAINED METASEDIMENTARY ROCK HW : Pale orange brown, dry to moist hard sandy silt on top becoming very low strength rockmass. Frequent low grade coal seams and carbonaceous siltstone interbeds.						
27							HW				24,30/90 N>50 Is(50)=0.04MPa	SPT x
28											Coal seam.	
29											Coal seam. Is(50)=0.03MPa	x
30	-26.79											
31	-27.10						MW				Is(50)=0.24MPa	

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

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BRISBANE PORT ROAD - STAGE 3

H8646
BH 127
1OF1

START 26.90
END 29.90
NOV 1999

C 60323

