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ENGINEERING BORELOG

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

BOREHOLE No : 122
SHEET : 1 OF 3
REFERENCE No : H8643

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46807.000E 34419.500N
PROJECT No : C60323 SURFACE R.L. : 2.03 DRILLER : FOUNDRIL PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 15/11/99

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	2.03											
1						ESTUARINE SILTY CLAY Mainly moist to wet, sensitive to very sensitive, soft. Frequent fine sandy interlayers; completely decomposed plant roots which may act as free drainage paths.					Peak= 20.9kPa Res= 2.27kPa	FSV
2											MC=98.6% WD=1.48; DB=0.94; LL=35.8% PI=14.8% LS=9.80%	U99
3											Peak= 24.8kPa Res= 3.63kPa	FSV
4	-1.97					ESTUARINE SANDY SILTY CLAY Grey to pale brown, moist, sensitive, soft. Fine to medium sand, low plasticity.	OH				MC=63.0% WD=1.64; DD=1.00; LL=48.5% PI=23.0% LS=13.2%	U99
5	-2.87					ESTUARINE SILTY CLAY Dark grey, moist, sensitive, soft to mainly firm Completely decomposed shell fragments; high organic content; partly decomposed plant material; minor sandy fraction.					Peak= 20.9kPa Res= 4.50kPa	FSV
6											MC=77.8% WD=1.56; DD=0.88; LL=59.4% PI=29.4% LS=16.6%	U99
7											Peak= 31.8kPa Res= 4.50kPa	FSV
8	-6.22					ALLOUVIAL SILTY CLAY Pale grey to green grey, moist, moderately sensitive, firm to mainly stiff. Slight mottling; fissured, minor fraction of completely decomposed roots; occasional wet zone associated with vertical fissuring.	OL				Peak= 27.6kPa Res= 7.66kPa	FSV
9											Peak= 52.1kPa Res=13.80kPa	FSV
10												

REMARKS : LOGGED BY

ENGINEERING BORELOG

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SYMBOLS REFER FORM F:GEOT 017/0-1998

BOREHOLE No : 122

SHEET : 2 OF 3

REFERENCE No : H8643

PROJECT : BRISBANE PORT ROAD STAGE 3

LOCATION : 46807.000E 34419.500N

PROJECT No : C60323

SURFACE R.L. : 2.03

DRILLER : FOUNDRIL PTY LTD

JOB No :

DATUM : AHD

DATE DRILLED : 15/11/99

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	-7.97				ALLUVIAL SILTY CLAY (as above) Low plasticity; some yellow coloured secondary mineralization along fissured planes.							U99
11												
12											3, 5, 7 N=12	SPT
13											3, 4, 5 N=9	SPT
14												
15						OL					3, 4, 4 N=8	SPT
16											3, 5, 7 N=12	SPT
17												
18											6, 6, 6 N=12	SPT
19												
20	-17.97										2, 4, 5 N=9	SPT

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FOR GEOTECHNICAL TERMS AND
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BOREHOLE No : 122

SHEET : 3 OF 3

REFERENCE No : H8643

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46807.000E 34419.500N
PROJECT No : C60323 SURFACE R.L. : 2.03 DRILLER : FOUNDRIL PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 15/11/99

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	-17.97											
21						SANDSTONE MEDIUM GRAINED, LAMINATED SEDIMENTARY ROCK. XW: Generally exhibits engineering properties of pale grey to red brown moist, very stiff sandy silty clay.	XW				6,9,13 N=22	SPT
22	-19.67					INTERBEDDED SILTSTONE AND SANDSTONE Orange brown to dark grey, fine grained, low to medium strength. Defects : Lamination partings <20 deg (>5/m).	MW					
23	-20.67					SILTSTONE Pale orange brown to dark grey, fine grained, laminated, mainly medium strength.	MW				Is(50)=0.18MPa	x
24	-22.09										Is(50)=0.37MPa	o
24	-22.62		(90)	100		SW :Dark grey, laminated, medium to high strength with occasional low strength bands. Defects:Lamination partings <30 deg(5/m)	SW				Is(50)=0.01MPa	x
25						END OF HOLE					Is(50)=0.81MPa	x
26												
27												
28												
29												
30												

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

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BW/DISS

