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ENGINEERING BORELOG

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

BOREHOLE No : 130
SHEET : 1 OF 4
REFERENCE No : H8647

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 48427.16E 35309.48N
PROJECT No : C60323 SURFACE R.L. : 1.05 DRILLER : R & D DRILLING PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 24/11/99

DEPTH (m)	R.L. (m)	AUGER DRILLING CORE DRILLING CASING OTHER	RQD (%) CORE REC%	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH					DEFECT SPACING (mm)				GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
						CU	U	TM	U	U	U	U	U	U			
0	1.05			TOP SOIL (MANGROVE/GRASS) - Pale green firm ESTUARINE SILTY CLAY Grey to dark grey, moist to wet, firm becoming stiff towards bottom, moderately sensitive to sensitive. High plasticity; high organic content; shell fragments and partly decomposed plant materials.											Driller's log only: Peak= 31.0kPa Res= 9.0kPa	FSV	
0.85															Peak= 30.0kPa Res= 3.0kPa	FSV	
1					OH										Peak= 43.0kPa Res= 9.0kPa	FSV	
2																	
3																	
4	-2.95			SILTY SAND/ SANDY SILT Dark grey, wet, loose to medium dense. Fine sand.	SM										Peak= 92.0kPa Res= 15.0kPa	FSV	
5																	
6				ESTUARINE SILTY CLAY Dark grey, moist, mainly firm, moderately sensitive to sensitive. High plasticity; high organic content; partly decomposed shell fragments towards top of layer.											Peak= 43.0kPa Res= 9.0kPa	FSV	
7															Peak= 43.0kPa Res= 9.0kPa	FSV	
8					OH												
9															Peak= 43.0kPa Res= 9.0kPa	FSV	
10	-8.95																

REMARKS :

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ENGINEERING BORELOG

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BOREHOLE No : 130

SHEET : 2 OF 4

REFERENCE No : H8647

PROJECT : BRISBANE PORT ROAD STAGE 3
 LOCATION : 48427.16E 35309.48N
 PROJECT No : C60323 SURFACE R.L. : 1.05 DRILLER : R & D DRILLING PTY LTD
 JOB No : DATUM : AHD DATE DRILLED : 24/11/99

DEPTH (m)	R.L. (m)	AUGER DRILLING 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
							UH	HM	VL	UL	20	60	200	600			
10	1.05				ESTUARINE SILTY CLAY (As above)										Peak = 43.0kPa Res = 9.0kPa	FSV	
11																	
12															Peak = 40.0kPa Res = 12.0kPa	FSV	
13															Peak = 46.0kPa Res = 12.0kPa	FSV	
14																	
15						OH									Peak = 64.0kPa Res = 21.0kPa	FSV	
16																	
17																	
18															HW 1,2 N=3	SPT	
19	-17.45				ALLUVIAL SANDY SILTY CLAY Pale grey to grey green, moist to dry, stiff silty clay. Some brown organic throughout; slightly fissured and desiccated in most places.										2,5,5 N=10	SPT	
20																	

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ENGINEERING BORELOG

[FOR GEOTECHNICAL TERMS AND
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BOREHOLE No :	130
SHEET :	3 OF 4
REFERENCE No :	H8647

PROJECT : BRISBANE PORT ROAD STAGE 3
 LOCATION : 48427.16E 35309.48N
 PROJECT No : C60323 SURFACE R.L. : 1.05 DRILLER : R. & D DRILLING PTY LTD
 JOB No : DATUM : AHD DATE DRILLED : 24/11/99

DEPTH (m)	R. L. (m)	AUGER CORE DRILLING CORE DRILLING CASING OTHER	RQD (%) CORE REC%	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
20	-18.95			ALLUVIAL SILTY CLAY (As above).						
21									3, 5, 6 N=11	SPT
22									3, 6, 8 N=14	SPT
23										
24					OL				4, 6, 7 N=13	SPT
25									4, 7, 7 N=14	SPT
26										
27										
28									4, 8, 10 N=18	SPT
29	-27.45			PROBABLE BASALT/ANDESITE XW : Generally exhibits engineering properties of pale grey to green brown, moist, very stiff to hard silty clay.	XW				Driller's log only.	
30										

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BOREHOLE No : 130
SHEET : 4 OF 4
REFERENCE No : H8647

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 48427.16E 35309.48N
PROJECT No : C60323 SURFACE R.L. : 1.05 DRILLER : R & D DRILLING PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 24/11/99

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CASING OTHER	RQD (%) CORE REC%	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH					DEFECT SPACING (mm)				GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
						EH	EH	EH	EH	EH	20	50	100	200			
30	1.05			XW BASALT/ANDESITE (as above)													
31															11, 20, 32 N>50	SPT	
32																	
33					XW										Driller's log only.		
34																	
35																	
36																	
	-35.57														14, 30/120 N>50	SPT	
37				END OF HOLE													
38																	
39																	
40																	

REMARKS :

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