ENGINEERING BORELOG

Main Roads

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 / CORE DRILLING / CASING / OTHER	RQD ( )% CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT STRENGTH (EH VH H M L VL)	DEFECT SPACING (mm) (20 60 200 600 2000)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES	TESTS
0	1.05												
	0.85				TOP SOIL(MANGROVE/GRASS)-Pale green firm						Driller's log only.		
					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.						Peak= 31.0kPa Res= 9.0kPa		FSV
1													
											Peak= 30.0kPa Res= 3.0kPa		FSV
2						OH							
											Peak= 43.0kPa Res= 9.0kPa		FSV
3													
	-2.95												
4					**SILTY SAND/ SANDY SILT** Dark grey, wet, loose to medium dense. Fine sand.						Peak= 92.0kPa Res= 15.0kPa		FSV
5						SM							
	-4.45												
					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
6													
											Peak= 43.0kPa Res= 9.0kPa		FSV
7													
8						OH							
											Peak= 43.0kPa Res= 9.0kPa		FSV
9													
10	-8.95												

REMARKS :

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DM/DISS

ENGINEERING BORELOG

Main Roads

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

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 / CORE DRILLING / CASING / OTHER	RQD ( )% CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT STRENGTH (EH VH H M L VL)	DEFECT SPACING (mm) (20 60 200 600 2000)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES / TESTS
10	1.05				ESTUARINE SILTY CLAY (As above)						Peak= 43.0kPa Res= 9.0kPa	FSV
11											Peak= 40.0kPa Res= 12.0kPa	FSV
12												
13											Peak= 46.0kPa Res= 12.0kPa	FSV
14						OH						
15											Peak= 64.0kPa Res= 21.0kPa	FSV
16											Peak= 86.0kPa Res= 21.0kPa	FSV
17												
18											HW, 1, 2 N=3	SPT
	-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.	CL					2, 5, 5 N=10	SPT
19												
20												

REMARKS :

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Main Roads

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

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 / CASING / OTHER	RQD ( )% CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT STRENGTH (EH VH H M L VL)	DEFECT SPACING (mm) (20 60 200 600 2000)	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	-27.45										4,8,10 N=18	SPT
29					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												

REMARKS :

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

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%	SAMPLE	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT STRENGTH (EH VH H M L VL)	DEFECT SPACING (mm) (20 60 200 600 2000)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
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
					END OF HOLE							
37												
38												
39												
40												

REMARKS :

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