ENGINEERING BORELOG

Main Roads

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

BOREHOLE No : 132
SHEET : 1 OF 3
REFERENCE No : H8649

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 48680.8E 35773.4N
PROJECT No : C60323 SURFACE R.L. : 2.34 DRILLER : FOUNDRIL 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	2.34				ROCKFILL Brown, gravel to boulder size rock fragments and concrete blocks.								
0.94						GC					24/11/99		
					ESTUARINE SILTY CLAY Dark grey, moist to wet, sensitive to extra sensitive, soft to firm. High plasticity; high organic content, partly decomposed plant and shell fragments.						Peak=37.50kPa Res < 1.0kPa		FSV
											Peak= 29.7kPa Res = 1.0kPa		FSV
											Peak= 17.7kPa Res < 1.0kPa		FSV
						OH					Peak= 6.9kPa Res= 1.0kPa		FSV
											Peak= 14.7kPa Res= 2.1kPa		FSV
10	-7.66												

REMARKS :

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ENGINEERING BORELOG

Main Roads

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

BOREHOLE No : 132
SHEET : 2 OF 3
REFERENCE No : H8649

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 48680.8E 35773.4N
PROJECT No : C60323 SURFACE R.L. : 2.34 DRILLER : FOUNDRIL 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	-7.66				ESTUARINE SILTY CLAY (As above).						Peak= 22.2kPa Res < 1.0kPa	FSV
											RW, N<1	SPT
11											Peak= 30.9kPa Res= 1.2kPa	FSV
12											RW, N<1	SPT
13											Peak= 27.9kPa Res= 3.9kPa	FSV
						OH					RW, N<1	SPT
14											Peak= 43.5kPa Res= 7.5kPa	FSV
15											RW N<1	SPT
16											RW, N<1	SPT
17					ALLUVIAL SILTY CLAY Pale grey green, orange green to mottled brown, firm to very stiff. Minor fraction of fine grained sand; partly decomposed plant materials on upper area; appears to have been aerially oxidised and desiccated in most places. Upper area appears to had been a former top soil developed over old alluvium.						HW, 2,3 N=5	SPT
18						OL						
19											3,8,10 N=18	SPT
20	-17.66											

REMARKS :

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MA/DM/DISS

ENGINEERING BORELOG

Main Roads

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

BOREHOLE No : 132
SHEET : 3 OF 3
REFERENCE No : H8649

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 48680.8E 35773.4N
PROJECT No : C60323 SURFACE R.L. : 2.34 DRILLER : FOUNDRIL 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	-17.66				ALLUVIAL SILTY CLAY (As above).	OL					2,3,6 N=9	SPT
21												
22											1,2,5 N=7	SPT
23	-20.66				BASALT FINE TO MEDIUM GRAINED, MASSIVE BASIC EXTRUSIVE IGNEOUS ROCK XW: Generally exhibits engineering properties of pale green to grey green moist, very stiff clayey silt. Relics of weathered rock structures.	XW					5,13,13 N=26	SPT
24	-21.96				SANDSTONE FINE GRAINED, LAMINATED SEDIMETARY ROCK HW: Orange brown, thinly laminated, dry hard.	HW						
25											30/100 N>50	SPT
26	-24.26										30/100, N=50	SPT
27					MW: Orange to pale brown, fine grained, laminated, low strength. Defects Lamination partings <10 deg (4/m) Joint Occasional 75 deg (1/3m) Easily breakable with mild handling.	MW					Is(50)=0.11MPa	x
28											Is(50)=0.12MPa	x
29											Is(50)=0.19MPa	x
	-27.26		(81) 100								Is(50)=0.09MPa	x
30					END OF HOLE							

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

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