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# ENGINEERING BORELOG

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	WEATHERING				DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
							USC	EH	VH	M				
0	2.34					ROCKFILL Brown, gravel to boulder size rock fragments and concrete blocks.								
1	0.94						GC					24/11/99		
3						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	
4												Peak = 29.7kPa Res = 1.0kPa	FSV	
6							OH					Peak = 17.7kPa Res < 1.0kPa	FSV	
7												Peak = 6.9kPa Res = 1.0kPa	FSV	
9												Peak = 14.7kPa Res = 2.1kPa	FSV	
10	-7.56													

REMARKS :

LOGGED BY  
 PH/DM/DISS

# ENGINEERING BORELOG

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 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	VH	H	M	VL				
10	-7.66			ESTUARINE SILTY CLAY (As above).							20 60 200 600 2000		Peak= 22.2kPa Res < 1.0kPa	FSV
11													RW, N<1	SPT
12													Peak= 30.9kPa Res= 1.2kPa	FSV
13													RW, N<1	SPT
14					OH								Peak= 27.9kPa Res= 3.9kPa	FSV
15													RW, N<1	SPT
16													Peak= 43.5kPa Res= 7.5kPa	FSV
17													RW, N<1	SPT
18				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
19					OL								3,8,10 N=18	SPT
20	-17.66													

REMARKS :

LOGGED BY  
MA/DM/DISS

# ENGINEERING BORELOG

[ 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 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	VH	H	M	LV	20	50	200			
20	-17.66			ALLUVIAL SILTY CLAY (As above).												
21					OL									2, 3, 6 N=9	SPT	
22														1, 2, 5 N=7	SPT	
23	-20.66			BASALT FINE TO MEDIUM GRAINED, MASSIVE BASIC EXTRUSIVE IGNEOUS ROCK KW: 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 SEDIMENTARY ROCK HW: Orange brown, thinly laminated, dry hard.										30/100 N>50	SPT	
25					HW									30/100, N=50	SPT	
26	-24.26			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.										Is(50)=0.11MPa	x	
27														Is(50)=0.12MPa	x	
28					MW									Is(50)=0.19MPa	x	
29			(81) 100											Is(50)=0.09MPa	x	
30	-27.26			END OF HOLE												

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

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BRISBANE PORT ROAD - STAGE 3

H8649

BH 132

1 OF 1

START 26.60

END 29.60

NOV 1999

C 60323

