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ENGINEERING BORELOG

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

BOREHOLE No : 125
SHEET : 1 OF 3
REFERENCE No : H8645

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46882.900E 34479.900N
PROJECT No : C60323 SURFACE R.L. : 2.17 DRILLER : FOUNDRIL PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 22/11/99

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
								EH	VH	H	M	LV	20	60	200	600			
0	2.17					TOPSOIL													
	1.87					Brown loam (REWORKED ESTUARINE CLAY)													
	1.67					ESTUARINE SILTY CLAY												23/11/99	
						Grey to dark grey, moist to wet, soft to firm, moderately sensitive to sensitive.													
1						Organics and shell fragments throughout; some minor sand lenses/interbeds in parts.												Peak= 31.0kPa Res= 15.0 kPa FSV	
2																			
3																		MC=48.8% WD=1.22; DD=0.82; LL=71.8% PI=38.4% LS=19.8% PP= 15.0kPa U50	
4																		Peak= 27.0kPa Res= 5.0 kPa FSV	
5							OH												
6																		MC=61.8% WD=1.66; DD=1.02; LL=60.0% PI=29.8% LS=17.0% PP= 23.0kPa U50	
7																		Peak= 29.0kPa Res= 6.0 kPa FSV	
8																			
9																		MC=69.8% WD=1.56; DD=0.92; PP= 26.0kPa U50	
10																			

REMARKS : LOGGED BY DM/DISS

ENGINEERING BORELOG

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

BOREHOLE No : 125
SHEET : 2 OF 3
REFERENCE No : H8645

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46882.900E 34479.900N
PROJECT No : C60323 SURFACE R.L. : 2.17 DRILLER : FOUNDRIL PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 22/11/99

DEPTH (m)	R.L. (m)	ALGER 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
10	-7.83					ESTUARINE SILTY CLAY (As above). Becoming firm with depth.	OH				PP= 31.0kPa	U50
11	-8.83					ALLUVIAL SILTY CLAY Pale grey to grey green with brown mottling, moist to mainly dry, firm to stiff with some very stiff bands. Fissured and desiccated structures throughout. Appears to have been subjected to aerial oxidation and desiccation.	OL				2,3,4 N=7	SPT
12											5,6,9 N=15	SPT
13											4,5,8 N=13	SPT
14												
15	-13.33					ALLUVIAL SAND Pale grey brown to orange brown, wet, mainly medium dense to dense. Fine to coarse grained sand with minor silt content around 17.5m.	SM				4,8,10 N=18	SPT
16											6,12,13 N=25	SPT
17											9,13,17 N=30	SPT
18												
19												
20												

REMARKS : LOGGED BY
DM/DISS

ENGINEERING BORELOG

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

BOREHOLE No : 125
SHEET : 3 OF 3
REFERENCE No : H8645

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46882.900E 34479.900N
PROJECT No : C60323 SURFACE R.L. : 2.17 DRILLER : FOUNDRIL PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 22/11/99

DEPTH (m)	R.L. (m)	AUGER CORE 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
20	-17.83					ALLUVIAL SAND (As above).	SM					
21	-18.33					RESIDUAL SILTY SANDY CLAY Pale grey, mottled to pale brown, moist to mainly dry, stiff to very stiff. Thinly laminated with silty sandy layers throughout,	RS				4, 7, 8 N=15	SPT
22												
23												
24	-22.03										Blade refusal.	
25	-23.33		(90) 100			SILTSTONE FINE GRAINED LAMINATED SEDIMENTARY ROCK MW : Grey brown, massive (top) to laminated (bottom), very low strength. Defects: Lamination partings <10 deg (6/m)	MW				Is (50)=0.02MPa Sandstone interbed. Sandstone interbed.	x
26	-24.63		(93) 100			SW : Dark grey to black, laminated to interbedded with minor sandstone beds (more towards) bottom, low to medium strength. Defects: Lamination partings <20 deg (3/m). Joints - 50 deg (5/m).	SW				Is (50)=0.59MPa Is (50)=0.18MPa	x o
27						END OF HOLE						
28												
29												
30												

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

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DM/D/SS

BRISBANE PORT ROAD - STAGE 3

H8645

BH 125

IOF1

START 24.20

END 26.80

NOV 1999

C 60323

