ENGINEERING BORELOG

Main Roads

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

BOREHOLE No : 106
SHEET : 1 OF 3
REFERENCE No : H8632

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46803.400E 34297.900N
PROJECT No : C60323 SURFACE R.L. : 3.97 DRILLER : Foundril
JOB No : DATUM : AHD DATE DRILLED : 11/11/99

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	3.97				ROCKFILL Consisting gravel to boulder size particles in minor silt and clay matrix.								
						GC					11/11/99		
	1.22												
	-0.03				ROCKFILL Gravel to cobble size particles embedded in estuarine silty clay. (POSSIBLE TRANSITION ZONE).						Driller's record only.		
	-1.03				ESTUARINE SILTY CLAY Dark grey, moist to wet, very soft to mainly soft, sensitive to very sensitive Partly decomposed matter and shells throughout; high organic content; high plasicity.								
						OH					Peak= 20.7kPa Res= 3.3kPa		FSV
											RW N<1		SPT
											Peak= 31.5kPa Res= 3.3kPa		FSV

REMARKS :

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BOREHOLE No : 106
SHEET : 2 OF 3
REFERENCE No : H8632

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46803.400E 34297.900N
PROJECT No : C60323 SURFACE R.L. : 3.97 DRILLER : Foundril
JOB No : DATUM : AHD DATE DRILLED : 11/11/99

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	-6.03				ESTUARINE SILTY CLAY (as above)						RW N<1	SPT
11												
12											Peak= 39.6kPa Res= 5.1kPa	FSV
						OH						
	-9.03											
13					Fine sand towards bottom.						RW N<1	SPT
14												
15												
	-11.33				ALLUVIAL SILTY CLAY Pale green to orange brown, moist to dry, stiff to very stiff.							
16												
17											Driller's record only.	
						OL						
18												
19												
20	-16.03											

REMARKS :

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ENGINEERING BORELOG

Main Roads

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

BOREHOLE No : 106
SHEET : 3 OF 3
REFERENCE No : H8632

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46803.400E 34297.900N
PROJECT No : C60323 SURFACE R.L. : 3.97 DRILLER : Foundril
JOB No : DATUM : AHD DATE DRILLED : 11/11/99

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	-16.03				**SANDSTONE** HW : Orange to pale brown, very low strength rock kernels in moist, hard, sandy silty matrix.		HW				Driller's record only.		
21													
22													
23	-19.33												
	-19.63		(100) 100		**SANDSTONE** - Pale orange brown, medium to coarse grained massive, high strength.	MW					Is(50)=1.30MPa Is(50)=1.56MPa		O X
24					**SILTSTONE** FINE GRAINED LAMINATED SEDIMENTARY ROCK SW : Dark grey to blue grey fine grained thinly laminated, mainly medium to high strength with occasional very high strength bands. Occasional sandstone interbeds.	SW					Is(50)=0.35MPa Is(50)=0.30MPa		O O
25					Defects - Laminating partings <15deg (3-4/m) Joint - >80 deg (2/m) Joint - 70 deg (1/m) Defects are generally smooth, plannar and clean with no ironstaining and clay infills.						Is(50)=0.76MPa Is(50)=1.51MPa Is(50)=2.00MPa		X X O
26	-22.33		(90) 100										
					END OF HOLE								
27													
28													
29													
30													

REMARKS : O - Axial point load; X - Diametrialpoint load.

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