ENGINEERING BORELOG

Main Roads

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

BOREHOLE No : 112
SHEET : 1 OF 2
REFERENCE No : H8637

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46724.073E 34328.726N
PROJECT No : C60323 SURFACE R.L. : 2.23 DRILLER : Foundril Pty Ltd
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	2.23				**ROCKFILL** Rock fragements sizes varying up to boulders.	GC					Driller's log only. 11/11/99	
-0.67												
-1.27					**ROCKFILL** As above but in estuarine silty clay. (POSSIBLE TRANSITION ZONE).						Driller's log only.	
-1.77			88		**ESTUARINE SILTY CLAY** Dark grey, moist, very soft.	OH					Driller's log only.	
-3.07			100		**INTERBEDDED SANDSTONE AND SILTSTONE** FINE TO MEDIUM GRAINED BEDDED SEDIMENTARY ROCK XW : Generally exhibits engineering properties of pale green brown, moist to dry, hard sandy silt. Low plasticity.	XW					19,23,24 N=47	SPT
-4.27					**HW :** Gravel size rock kernels and core stones in brown to red brown, moist, hard sandy silt matrix. Frequent concreted and lateritised zones	HW					29,30/115, N >50	SPT
-6.37											30/100, N >50	SPT
-7.07					**MW :** Orange to grey brown, fine to medium grained, cemented, low to medium strength.	MW					siltstone interbed siltstone siltstone Is(50)=0.40MPa	x
					SILTSTONE FINE GRAINED THINLY LAMINATED ROCK. Grey brown to dark grey, carbonaceous, very low to low strength with occasional ~~medium strength sandstone inserbands~~.						sandstone Is(50)=0.05MPa	x

REMARKS : X - Diametrial point loads.

LOGGED BY
BH/DISS

ENGINEERING BORELOG

Main Roads

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

BOREHOLE No : 112
SHEET : 2 OF 2
REFERENCE No : H8637

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46724.073E 34328.726N
PROJECT No : C60323 SURFACE R.L. : 2.23 DRILLER : Foundril Pty Ltd
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	-7.77											
			(72) 100		**SILTSTONE** (As above).	HW			sandstone			
	-8.32											
11					**SANDSTONE** FINE TO MEDIUM GRAINED SEDIMENATRY ROCK. Pale brown, sligtly carbonaceous, medium strength. No defects were present.	MW				Is(50)=0.37MPa Is(50)=0.18MPa Is(50)=0.35MPa Is(50)=0.40MPa	o x o x	
	-9.37				END OF HOLE							
12												
13												
14												
15												
16												
17												
18												
19												
20												

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

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