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ENGINEERING BORELOG

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

BOREHOLE No : 114

SHEET : 1 OF 1

REFERENCE No : H8639

PROJECT : BRISBANE PORT ROAD - STAGE 3

LOCATION : 46692.0E 34418.0N

PROJECT No : C60323

SURFACE R.L. : 1.66

DRILLER : R & D Drilling

JOB No :

DATUM : AHD

DATE DRILLED : 15/11/99

DEPTH (m)	R.L. (m)	BOREHOLE CLOSING OTHER	RQD (%)	CORE REC#	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	1.66											
1	1.46					ROCKFILL	GC				Driller's log only.	
2						ESTUARINE SILTY CLAY Dark grey, moist to wet, mainly soft to firm, very sensitive. High organic content; high plasticity; partly decomposed plant materials.	OH				Peak= 25.4 kPa Res= 2.7 kPa	PSV
3											MC=71.2%; WD=1.64; DD=0.96.	U99
4	-2.14					INTERBEDDED SANDSTONE AND SILTSTONE HW : Grey brown to orange brown, moist, hard sandy silt. Sand fraction is medium to mainly coarse grained.	HW				4,5,30/50 N=56	SPT
5	-3.84											
6	-4.12					MW SANDSTONE Orange, massive, cemented, low strength. INTERBEDDED SANDSTONE AND SILTSTONE Pale grey, white to red brown, fine grained, carbonaceous, very low to low strength with occasional medium strength bands. Partly indurated & erodable sandy beds. Defects: Bedding/lamination partings < 10deg (>5/m)	MW				Is (50)=0.30MPa	x
7			(85)	200							Is (50)=0.05MPa	o
8			(80)	100							Is (50)=0.26MPa	x
9	-6.84		(96)	100								
10						END OF HOLE						

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

LOGGED BY

BW/DSS

