ENGINEERING BORELOG

Main Roads

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)	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	1.66												
	1.46				ROCKFILL	GC					Driller's log only.		
1					ESTUARINE SILTY CLAY Dark grey, moist to wet, mainly soft to firm, very sensitive. High organic content; high plasticity; partly decomposed plant materials.						Peak= 25.4 kPa Res= 2.7 kPa		PSV
2						OH							
											MC=71.2%; WD=1.64; DD=0.96.		U99
3													
	-2.14												
4					INTERBEDDED SANDSTONE AND SILTSTONE HW : Grey brown to orange brown, moist, hard sandy silt. Sand fraction is medium to mainly coarse grained.						4,5,30/50 N=60		SPT
5						HW							
	-3.84												
	-4.12				MW SANDSTONE Orange, massive, cemented, low strength.						Is(50)=0.30MPa		x
6			(85) 200		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.						Is(50)=0.05MPa		o
7					Defects: Bedding/lamination partings<20deg (>5/m)	MW							
			(80) 100								Is(50)=0.26MPa		x
8													
	-6.84		(96) 100										
					END OF HOLE								
9													
10													

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

LOGGED BY
BW/DISS