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ENGINEERING BORELOG

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

BOREHOLE No : 116
SHEET : 1 OF 2
REFERENCE No : H8640

PROJECT : BRISBANE ROAD - STAGE 3
LOCATION : 46735.717E 34364.628N
PROJECT No : C60323 SURFACE R.L. : 5.32 DRILLER : Foundril Pty Ltd.
JOB No : DATUM : AHD DATE DRILLED : 10/11/99

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE 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	50	200	500	2000			
0	5.32					ROCKFILL Pale brown large boulders to gravel size rock fragments.															
1																					
2							GC													Driller's log only.	
3	2.42																			10/11/99	
4	1.82					ESTUARINE SANDY SILTY CLAY Pale grey to green grey, moist to wet, sensitive, very soft. Minor fraction of fine sand.															
5							OH													Peak= 33.3kPa Res= 6kPa	FSV
6	-0.18					INTERBEDDED SILTSTONE AND SANDSTONE HW SILTSTONE Grey brown to brown, moist, hard. Occasional less weathered bands; minor fissuring and lateritised to concreted zones.															1142
7																					
8							HW													16,20,30/115 N>50	SPT
9	-3.18					HW SANDSTONE Grey brown to red brown, moist, very dense silty sand.															
10	-4.68																			34,30/50 N >50	SPT

REMARKS :

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10	-4.68					COAL SEAM Dark grey to black, moist, low grade hard.	HW				30/120 N >50	SPT
11	-5.43					SILTSTONE MW : Dark grey to pale grey brown, very low to low strength, thinly laminated. Defects : Lamination partings <22 deg (>5/m) Joint - 75 (1/m) Joint - 30 (1/m)	MW				Is (50)=0.03MPa	O
12											Is (50)=0.03MPa	X
13				(60) 100							Is (50)=0.08MPa	X
	-8.43			(32) 36							Is (50)=0.93MPa	X
14						END OF HOLE						
15												
16												
17												
18												
19												
20												

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

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