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# ENGINEERING BORELOG

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

BOREHOLE No : 137  
 SHEET : 1 OF 2  
 REFERENCE No : H8654

PROJECT : BRISBANE PORT ROAD STAGE 3  
 LOCATION : 46719.114E 34358.641N  
 PROJECT No : C60323 SURFACE R.L. : 5.31 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
								UH	UM	UL	VL	20	60	200	600			
0	5.31					ROCKFILL Brown gravel to boulder size particles.												
1																		
2							GC											
3																		
4	0.81																	
5						RESIDUAL SILTY CLAY Pale brown, moist, soft. High plasticity; minor gravel fraction.	RS								Peak = 52.0kPa Res = 0.0kPa	FSV		
6	-0.19					SANDSTONE FINE TO MEDIUM GRAINED SEDIMENTARY ROCK  XW : Generally exhibits engineering properties of dark grey brown to orange brown, moist to dry, very stiff to hard sandy silt.									30/110, N=50	SPT		
7							XW											
8						SILTSTONE FINE GRAINED LAMINATED SEDIMENTARY ROCK  XW : Generally exhibits engineering properties of grey, moist, hard silty clay.									11, 32, 30/90 N=>50	SPT		
9	-3.44					HW : Grey, moist.  Resembling indurated clay; thinly laminated; occasional carbonaceous zones. Frequent red brown mottlings and concretions.	HW											
10	-4.39					INTERBEDDED SILTSTONE AND SANDSTONE HW (As below).	MW								30/100, N=>50	SPT		

REMARKS :

LOGGED BY  
DISS

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SHEET : 2 OF 2

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DEPTH (m)	R.L. (m)	AUGER DRILLING CORE DRILLING CASING OTHER	RQD (%) CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
10	-4.69				MW : Pale grey to dark grey, fine grained, interbedded mainly medium to high strength.  Defects : Bedding partings < 10 deg (4/m).						Is(50)=0.59MPa Is(50)=0.55MPa	x x
11			(90) 100			MW						
12			(90) 100								Is(50)=0.56MPa	o
	-7.39										Is(50)=0.64MPa	x
13					END OF HOLE							
14												
15												
16												
17												
18												
19												
20												

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

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DISS

BRISBANE PORT ROAD - STAGE 3

C 60323

START 9.70  
END 12.70  
NOV 1999

H8654  
BH137  
1OF1

