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ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM BQF 075:191/95

BOREHOLE No : 140
SHEET : 1 OF 2
REFERENCE No : H8093

PROJECT : PACIFIC MOTORWAY LOGAN RIVER SERVICE ROAD BRIDGE FOUNDATION INVESTIGATION
LOCATION : Pier 3 grid ref 19560.5E 140070.5N
PROJECT No : MP1006 SURFACE R.L. : -2.35 DRILLER : R & D DRILLING
JOB No : DATUM : AHD DATE DRILLED : 05/09/97

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CASING OTHER	RQD (%)	CORE RECT	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	-2.35					SILTY CLAY Dark brown to dark grey, moist to wet, very soft, alluvium. Grading into grey, moist, clayey sand with peat bands to 10mm thick.						
1												
2												
3												
4											RW, -, - N<1	SPT
5							CH					
6												
7											RW, -, - N<1	SPT
8												
9	-11.00					INTERBEDDED ARGILLITE AND GREYWACKE GREY TO BLUE GREY, FINE TO MEDIUM GRAINED, BEDDED METASEDIMENTARY ROCK. BEDDING >40 DEGREES. XW: Pale grey to green black, mottled in part, generally exhibits engineering properties to very stiff to hard silty clay/clayey silt graded to very dense clayey sand.	XW				5, 9, 15 N=24	SPT
10	-12.35											

REMARKS :

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BOREHOLE No : 140
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REFERENCE No : H8093

PROJECT : PACIFIC MOTORWAY LOGAN RIVER SERVICE ROAD BRIDGE FOUNDATION INVESTIGATION
LOCATION : Pier 3 grid ref 19560.5E 140070.5N
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DEPTH (m)	R.L. (m)	ALGER 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	-12.35					(cont'd)	XW					
11	-13.14		100			MW: Slightly brown ironstaining throughout defects-greater than 70 degrees and 40-60 degrees. Some defects thinly infilled or coated with clay.	HW				Highly weathered band	
			100								Highly fractured joint	
12			100				MW				Is(50)=1.52MPa	x
13			100									
14	-16.35		100								5mm clay fill	
											Is(50)=1.10MPa	x
											clay infilled (5mm)	
15						SW: Brown ironstaining only along defects; otherwise as per MW.	SW				Mainly argillite bands with steep dipping (>60 degrees)	
											Is(50)=0.79MPa	x
16	-18.05		100								Is(50)=0.85MPa	x
17						END OF HOLE						
18												
19												
20												

REMARKS :

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