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# ENGINEERING BORELOG

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

BOREHOLE No :	144
SHEET :	1 OF 2
REFERENCE No :	H8097

PROJECT : PACIFIC MOTORWAY - LOGAN RIVER SERVICE BRIDGE FOUNDATION INVESTIGATION  
 LOCATION : Pier 5 grid ref 19581E 140019N  
 PROJECT No : MP1006 SURFACE R.L. : -4.83 DRILLER : R & D DRILLING  
 JOB No : DATUM : AHD DATE DRILLED :

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CASE LOG OTHER	RQD (%)	CORE REC#	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH				DEFECT SPACING (mm)				GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS	
								EH	VT	H	M	VL	20	60	200				600
0	-4.83					<b>SILTY SAND/SAND/SILTY SAND</b> Pale grey to pale brown, moist, medium dense/firm, fine grained, alluvium. Grading in loose silty sand.	SM												
1																			
2																			
3																			
4																		4, 4, 14 N=18	SPT
5																			
6																			
7																5, 6, 7 N=13	SPT		
8	-12.84					<b>SANDY CLAY/SILTY CLAY</b> Grey to dark grey moist, fine grained alluvium. High organic content.	CH												
9																			
10	-14.83																	5, 4, 6 N=10	SPT

REMARKS :

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# ENGINEERING BORELOG

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

BOREHOLE No : <b>144</b>
SHEET : <b>2</b> OF <b>2</b>
REFERENCE No : <b>H8097</b>

PROJECT : **PACIFIC MOTORWAY - LOGAN RIVER SERVICE BRIDGE FOUNDATION INVESTIGATION**

LOCATION : **Pier 5 grid ref 19581E 140019N**

PROJECT No : **MP1006** SURFACE R.L. : **-4.83** DRILLER : **R & D DRILLING**

JOB No : \_\_\_\_\_ DATUM : **AHD** DATE DRILLED : \_\_\_\_\_

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE DRILLING CASING OTHER	RQD (%)	CORE REC%	SAMPLE	MATERIAL DESCRIPTION	INTACT STRENGTH					DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
							USC	WEATHERING	EH	VH	H				
10	-14.83					(Cont'd)								5, 4, 6 N=10	SPT
11							CH								
12	-16.83					SAND Light grey to light brown. Wet medium dense poorly graded alluvium.									
13							CL							5, 6, 8 N=14	SPT
14	-18.58					GREYWACKE GREY MEDIUM GRAINED METASEDIMENTARY ROCK DEFECTS MAINLY 40-60 DEGREES. FR: Grey colour								Is(50)=4.11MPa	x
15					100									Is(50)=5.16MPa	x
15					78										
16					100										
16					100		Fr							Is(50)=3.92MPa	x
17															
18					100									Argillite bands with 60 degrees dipping.	
18					100									Contorted argillite/ greywacke bands.	
19	-23.75				100									Is(50)=9.94MPa	x
19						END OF HOLE									
20															

REMARKS : \_\_\_\_\_

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PACIFIC MOTORWAY  
LOGAN RIVER BRIDGES

HOLE 144  
START 13.75  
END 18.92

H 8097  
1 OF 1  
SEP 1997

MP1006

