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# ENGINEERING BORELOG

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

BOREHOLE No : 145

SHEET : 1 OF 2

REFERENCE No : H8098

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

LOCATION : Pier 5 grid ref 19593E 140019N

PROJECT No : MP1006

SURFACE R.L. : -5.47

DRILLER : R & D DRILLING

JOB No :

DATUM : AHD

DATE DRILLED :

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING OTHER	RQD (%) CORE REC	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH				DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
							CU	CH	HM	VL				
0	-5.47				<b>SANDY SILT</b> Pale grey to pale brown, wet loose alluvium. Occasional gravel to cobble size particles and silty clay parts; peat bands to 100mm thick common below 8m to 10m depth									
1														
2					Alternative pale brown to pale grey layers to 500mm.	SM							1, 2, 3 N=5	SPT
3														
4													1, 4, 5 N=9	SPT
5													2, 3, 5 N=8	SPT
6	-10.72				<b>CLAYEY SAND/SANDY CLAY</b> Grey, wet, loose/stiff, alluvium.	SC							1, 4, 5 N=9	SPT
7													3, 3, 6 N=9	SPT
8	-13.47				<b>SAND</b> Grey, wet, loose fine grained alluvium.	SW							2, 4, 5 N=9	SPT
9														
10	-15.47												1, 2, 4 N=6	SPT

REMARKS :

LOGGED BY

# ENGINEERING BORELOG

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

BOREHOLE No : 145  
SHEET : 2 OF 2  
REFERENCE No : H8098

PROJECT : PACIFIC MOTORWAY - LOGAN RIVER SERVICE ROAD BRIDGE FOUNDATION INVESTIGATION  
LOCATION : Pier 5 grid ref 19593E 140019N  
PROJECT No : MP1006 SURFACE R.L. : -5.47 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	USC WEATHERING EH VH H M VL	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
10	-15.47					(Cont'd)					1, 2, 4 N=6	SPT
	-15.97					GRAVELLY SAND Pale grey, wet, medium dense alluvium.					4, 5, 6 N=11	SPT
11												
12							SW				6, 11, 16 N=27	SPT
13												
14											5, 10, 12 N=22	SPT
	-19.84											
15						INTERBEDDED ARGILLITE AND GREYWACKE GREY TO BLUE GREY FINE TO MEDIUM GRAINED BEDDED META SEDIMENTARY ROCK. BEDDING CONTORTED. Defects: mainly 30-60 degrees.					Is (50) = 3.97MPa	x
16				100			Fr				Is (50) = 3.82MPa	x
17												
	-22.84			100							Is (50) = 3.44MPa	x
18						END OF HOLE						
19												
20												

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

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PACIFIC MOTORWAY  
LOGAN RIVER BRIDGES

HOLE 145  
START 14.37  
END 17.37

H 8098  
1 OF 1  
SEP 1997

MP1006

