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ENGINEERING BORELOG

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

BOREHOLE No : 147
 SHEET : 1 OF 3
 REFERENCE No : H8100

PROJECT : PACIFIC MOTORWAY LOGAN RIVER SERVICE ROAD BRIDGE FOUNDATION INVESTIGATION
 LOCATION : Pier 9 Grid Ref. 19628E 139929N
 PROJECT No : MP1006 SURFACE R.L. : 3.24 DRILLER : FOUNDRIL
 JOB No : 241* DATUM : AHD DATE DRILLED : 4/9/97

DEPTH (m)	R.L. (m)	ALGER CORE DRIL CORE 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					M
0	3.24					GRAVELLY SILTY CLAY Brown to dark brown moist soft to stiff (probable fill material).										
1							CL									
2	1.24					SILTY CLAY Dark brown to dark grey, moist very soft to stiff alluvium. High organic content.								28, 5, 4 N=9	SPT	
3							CH							1, -, N<1	SPT	
4														Peak Su=36.6kPa Res Su=18.3kPa	FSV	
5														SuPP=0.36kPa	U50	
6														Peak Su=29.3kPa Res Su=13.7kPa	FSV	
7	-3.01					GRAVELLY SAND Pale brown to grey wet coarse alluvium. Minor silt bands in parts. Peaty bands to 100mm thick common.										
8							GW									
9														2, 4, 4 N=8	SPT	
10	-6.76													1, 1, 3 N=4	SPT	

REMARKS : Other - Washboring
 SuPP= Su from pocket penetrometer reading.

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ENGINEERING BORELOG

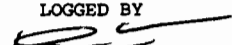
FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM BQF 075:191/95

BOREHOLE No : 147
SHEET : 2 OF 3
REFERENCE No : H8100

PROJECT : PACIFIC MOTORWAY LOGAN RIVER SERVICE ROAD BRIDGE FOUNDATION INVESTIGATION
LOCATION : Pier 9 Grid Ref. 19628E 139929N
PROJECT No : MP1006 SURFACE R.L. : 3.24 DRILLER : FOUNDRIL
JOB No : 241* DATUM : AHD DATE DRILLED : 4/9/97

DEPTH (m)	R.L. (m)	AUGER CORE DRIL CORE DRIL CASING OTHER	RQD (%) CORE RECt	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
10	-6.76				(Cont'd)	GW				3, 4, 5 N=9	SPT
11	-7.76				CLAYEY SAND Grey to brown grey, medium dense alluvium.					6, 9, 12 N=21	SPT
12											
13						SC				8, 10, 9 N=19	SPT
14											
15	-12.01								Fine poorly graded condensed layers.	5, 4, 6 N=10	SPT
16					GREYWACKE GREY MEDIUM GRAINED, METASEDIMENTARY ROCK. XW: Grey brown to yellow brown generally exhibits engineering properties of silty clay to clayey sand.	XW				9, 14, 30/120 N>50	SPT
17	-13.96										
18					SW: Brown ironstaining only along defects. Otherwise as per MW. Defects mainly 30-70 degrees thinly coated with clay in few defects.					Is (50) = 5.06MPa	x
19			100			SW				Is (50) => 5.8MPa	x
20	-16.76									Is (50) => 7.2MPa Is (50) => 5.8MPa	x x

REMARKS :

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ENGINEERING BORELOG

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

BOREHOLE No : 147

SHEET : 3 OF 3

REFERENCE No : H8100

PROJECT : PACIFIC MOTORWAY LOGAN RIVER SERVICE ROAD BRIDGE FOUNDATION INVESTIGATION

LOCATION : Pier 9 Grid Ref. 19628E 139929N

PROJECT No : MP1006

SURFACE R.L. : 3.24

DRILLER : FOUNDRIL

JOB No : 241*

DATUM : AHD

DATE DRILLED : 4/9/97

DEPTH (m)	R.L. (m)	AUGER CORE DRILL CASING OTHER	RQD (%) CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING EH VH H M L	DEFECT SPACING (mm)				GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
							20	60	200	600			
20	-16.76		100		END OF HOLE								
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													

REMARKS :

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PACIFIC MOTORWAY
LOGAN RIVER BRIDGES

HOLE 147
START 17.20
END 20.20

H 8100
1 OF 1
SEP 1997

MP1006

