ENGINEERING BORELOG

Main Roads

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)	AUGER / CORE DRIL / CASING / OTHER	RQD ( )% CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT STRENGTH (EH VH H M L VL)	DEFECT SPACING (mm) (20 60 200 600 2000)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES / TESTS
0	3.24				**GRAVELLY SILTY CLAY** Brown to dark brown moist soft to stiff (probable fill material).	CL					28,5,4 N=9	SPT
1.24					**SILTY CLAY** Dark brown to dark grey, moist very soft to stiff alluvium. High organic content.	CH					1,-, N<1	SPT
											Peak Su=36.6kPa Res Su=18.3kPa	FSV
											SuPP=0.36kPa	U50
											Peak Su=29.3kPa Res Su=13.7kPa	FSV
-3.01												U50
					GRAVELLY SAND Pale brown to grey wet coarse alluvium. Minor silt bands in parts. Peaty bands to 100mm thick common.	GW					2,4,4 N=8	SPT
											1,1,3 N=4	SPT
-6.76												

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

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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 / CASING / OTHER	RQD ( )% CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT STRENGTH (EH VH H M L)	DEFECT SPACING (mm) (20 60 200 600 2000)	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.	SC					6,9,12 N=21	SPT
12												
13											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			100		SW: Brown ironstaining only along defects.Otherwise as per MW.Defects mainly 30-70 degrees thinly coated with clay in few defects.	SW					Is(50)=5.06MPa	x
19											Is(50)=>5.8MPa	x
20	-16.76										Is(50)=>7.2MPa Is(50)=>5.8MPa	x x

REMARKS :

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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
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20	-16.76												
	-16.96		100		END OF HOLE								

REMARKS :

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