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ENGINEERING BORELOG

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

BOREHOLE No : 2

SHEET : 1 OF 2

REFERENCE No : H7703

PROJECT : PACIFIC HIGHWAY SIX LANE UPGRADE -COOMERA RIVER BRIDGE SITE
LOCATION : 31343.187E 119935.999N (UPGRADE PROJECT DATUM)
PROJECT No : MGPM06 SURFACE R.L. : 2.27 DRILLER : DALY BROS
JOB No : 160/12A/8 DATUM : AHD DATE DRILLED : 18/1/96

DEPTH (m)	R.L. (m)	AUGER DRILLING CORE DRILLING CASING OTHER	RQD ()%	CORE REC%	CORE LOSS	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	2.27											
1						CLAYEY SANDY SILT brown, dry becoming moist with depth, medium dense, alluvium	ML					U50
2												
3	-0.53					SAND dark grey, wet, loose, fine to medium grained alluvium contains minor gravel to 20mm diameter	SW				2, 12, 8 N=20	SPT
4												
5											4, 4, 3 N=7	SPT
6	-3.93											U50
7						SANDY CLAY grey, very stiff, moist alluvium sand fraction medium to coarse grained with some fine gravel	CL				7, 10, 12 N=22	SPT
8												
9	-5.83					GREYWACKE FINE TO MEDIUM GRAINED, MASSIVE SEDIMENTARY ROCK XW - greyish pale green with brown ironstaining, has engineering properties of a hard silty clay rock structure clearly visible	XW				10, 20, 35 N=55	SPT
10	-7.73											

REMARKS :

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10	-7.73				GREYWACKE (continued)					15, 23, 28 N=51	SPT
11						XW					
12										19, 30/050 N=>60	SPT
13	-10.43				HW - brown, clayey weathered with higher strength kernels throughout generally very low to low overall strength	HW				30/115 N=>60	SPT
14											
15										30/55 N=>60	SPT
16	-13.78									30/50 N=>60	SPT
17					SW - grey with black argillite interbeds dipping at 40° throughout defects generally along bedding with steeper sets dipping at 70° defect planes brown ironstained or thinly clay coated	SW					
18			97							bluish grey, higher strength with no interbeds Is(50)=2.34MPa	x
19	-16.78		99								
20					END OF HOLE						

REMARKS : _____

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