QUEENSLAND TRANSPORT

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 / CORE DRILLING / CASING / OTHER	RQD ( )% CORE REC%	CORE LOSS	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	2.27				**CLAYEY SANDY SILT** brown, dry becoming moist with depth, medium dense, alluvium	ML						U50
	-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
											4,4,3 N=7	SPT
												U50
	-3.93				**SANDY CLAY** grey, very stiff, moist alluvium sand fraction medium to coarse grained with some fine gravel	CL					7,10,12 N=22	SPT
	-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
	-7.73											

REMARKS :

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10	-7.73				GREYWACKE (continued)						15,23,28 N=51	SPT	
11						XW					19,30/050 N=>60	SPT	
12	-10.43												
13					HW - brown, clayey weathered with higher strength kernels throughout generally very low to low overall strength						30/115 N=>60	SPT	
14						HW					30/55 N=>60	SPT	
15													
16	-13.78										30/50 N=>60	SPT	
17			97		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											bluish grey, higher strength with no interbeds Is(50)=2.34MPa		×
19	-16.78		99										
					END OF HOLE								
20													

REMARKS :

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