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# ENGINEERING BORELOG

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

BOREHOLE No : 3  
SHEET : 1 OF 2  
REFERENCE No : H7704

PROJECT : PACIFIC HIGHWAY SIX LANE UPGRADE -COOMERA RIVER BRIDGE SITE  
LOCATION : 31348.949E 119908.128N (UPGRADE PROJECT DATUM)  
PROJECT No : MGPM06 SURFACE R.L. : 1.28 DRILLER : DALY BROS  
JOB No : 160/12A/8 DATUM : AHD DATE DRILLED : 19/1/96

DEPTH (m)	R.L. (m)	AUGER 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	
							EH	VH	I	M	V					20
0	1.28				<b>SANDY SILT</b> dark grey, soft, moist fine grained alluvium clayey in part											
1						ML								Cu = 25 kPa (PP)		U50
2	-0.72				<b>SAND</b> dark grey, very soft, wet, estuarine alluvium											
3						SW								no recovery N=7		SPT
4	-2.42				<b>CLAYEY SILT</b> dark grey, very soft, wet, estuarine alluvium  minor organics and shells in part  fine grained silty sand bands and lenses throughout											
5																
6						ML								0,0,0 N=<1		SPT
7																
8	-6.92													0,0,0 N=<1		SPT
9					<b>SANDY CLAY</b> grey with brown ironstaining, stiff, moist alluvium									Cu = >300 kPa (PP)		U50
10	-8.72					CL										

REMARKS : .....

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# ENGINEERING BORELOG

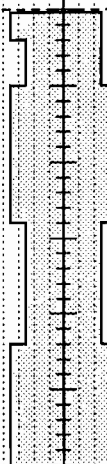
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10	-8.72				SANDY CLAY (continued)	CL				4,6,8 N=14	SPT
11	-9.72				GREYWACKE FINE TO MEDIUM GRAINED, MASSIVE SEDIMENTARY ROCK  XW - greyish pale green with brown ironstaining, with engineering properties of a hard silty clay  rock structures clearly visible	XW				23,26,20 N=46	SPT
12											
13										30/120 N=>60	SPT
14											
15	-13.22		100		SW - grey, major defect sets dip along bedding and at 70  Defect planes brown ironstained or thinly clay coated	SW				medium strength argillite interbed dipping at 30°  Is(50)=2.99MPa	x
16			100							medium strength argillite interbed dipping at 30°	
17			100							Is(50)=2.14MPa	x
18	-16.24				END OF HOLE						
19											
20											

REMARKS : .....

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