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# ENGINEERING BORELOG

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

BOREHOLE No : 1  
SHEET : 1 OF 3  
REFERENCE No : H7702

PROJECT : PACIFIC HIGHWAY SIX LANE UPGRADE -COOMERA RIVER BRIDGE SITE  
LOCATION : 31297.86E 120079.12N (UPGRADE PROJECT DATUM)  
PROJECT No : MGPM06 SURFACE R.L. : 5.76 DRILLER : DALY BROS  
JOB No : 160/12A/8 DATUM : AHD DATE DRILLED : 29/1/96

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	5.76										
1	4.76				CLAY brown, firm, moist alluvium	CH					
2	3.76				CLAYEY SILTY SAND grey, medium dense, dry, fine grained alluvium	SM				10,12,13 N=25	SPT
3					SAND brown, medium dense, moist fine to medium grained alluvium minor clay content					4,8,10 N=18	SPT
4						SP				6,8,7 N=15	SPT
6	-0.24				CLAY Grey with brown mottling, stiff to very stiff, moist alluvium					3,6,7 N=13	SPT
8						CH				4,7,8 N=15	SPT
10	-4.24									5,6,8 N=14	SPT

REMARKS : \_\_\_\_\_ LOGGED BY \_\_\_\_\_

# ENGINEERING BORELOG

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

BOREHOLE No : 1  
SHEET : 2 OF 3  
REFERENCE No : H7702

PROJECT : PACIFIC HIGHWAY SIX LANE UPGRADE -COOMERA RIVER BRIDGE SITE  
LOCATION : 31297.86E 120079.12N (UPGRADE PROJECT DATUM)  
PROJECT No : MGPM06 SURFACE R.L. : 5.76 DRILLER : DALY BROS  
JOB No : 160/12A/8 DATUM : AHD DATE DRILLED : 29/1/96

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE DRILLING CASING OTHER	RQD (%) CORE REC%	CORE LOSS	MATERIAL DESCRIPTION	USC WEATHERING EH VH H M S	INTACT STRENGTH	DEFECT SPACING (mm) 20 60 200 600 2000	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
10	-4.24				CLAY (continued)						
11										5,9,12 N=21	SPT
12						CH				6,9,13 N=22	SPT
13											
14										5,7,9 N=16	SPT
15	-8.74				SANDY CLAY grey, stiff to very stiff, moist alluvium  sand fraction fine to medium grained					4,8,7 N=15	SPT
16						CL					
17										12,17,10 N=27	SPT
18	-12.24				GREYWACKE FINE TO MEDIUM GRAINED, MASSIVE METASEDIMENTARY ROCK  XW - greyish pale green with brown ironstaining, with engineering properties of a very stiff to hard silty clay rock structure including defects clearly visible	XW				8,11,7 N=18	SPT
19											
20	-14.24									5,15,29 N=44	SPT

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# ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND  
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BOREHOLE No : 1

SHEET : 3 OF 3

REFERENCE No : H7702

PROJECT : PACIFIC HIGHWAY SIX LANE UPGRADE -COOMERA RIVER BRIDGE SITE  
 LOCATION : 31297.86E 120079.12N (UPGRADE PROJECT DATUM)  
 PROJECT No : MGPM06 SURFACE R.L. : 5.76 DRILLER : DALY BROS  
 JOB No : 160/12A/8 DATUM : AHD DATE DRILLED : 29/1/96

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE 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
20	-14.24											
21						GREYWACKE (Continued)	XW				8,18,28 N=46	SPT
22	-16.24					HW - brown, clayey weathered with higher strength kernels throughout					30/125 N=>60	SPT
23						generally very low to low overall strength	HW					
24	-18.39					SW - grey becoming bluish grey with depth, prominent defect sets slip at 10° - 20°, 45°, 70°					30/050 N=>60 Is(50)=0.91MPa	SPT
25						defect planes brown ironstained or thinly clay coated.					Is(50)=1.05MPa	x
26				100			SW				Is(50)=5.22MPa	x
27	-21.39			100								
28						END OF HOLE						
29												
30												

REMARKS :

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