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ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/0-1998

BOREHOLE No : BH10
 SHEET : 1 OF 3
 REFERENCE No : H8910

PROJECT : GATTON BYPASS DUPLICATION - LOCKYER CREEK BRIDGE - ABUTMENT B
 LOCATION : EASTING 431870.52, NORTHING 6952778.75
 PROJECT No : C60232 SURFACE R.L. : 97.44 DRILLER : DALY BROTHERS PTY LTD
 JOB No : 114/18A/54 DATUM : AHD DATE DRILLED : 30/05/01

DEPTH (m)	R.L. (m)	AUGER DRILLING CORE DRILLING CASING OTHER	RQD (%) CORE REC%	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH					DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS	
						EH	VH	H	M	VL					20
0	97.44														
0.5				SANDY SILTY CLAY ALLUVIUM Dark grey to dark brown, slightly moist to mainly dry, stiff to very stif. Fine grained sand fraction.											
1.0													6,6,7 N=13	SPT	
2.0					OL										
3.0															
3.5	94.19			SANDY CLAY SILT ALLUVIUM Brown to dark brown, moist, firm to stiff. Fine sandy fraction.											
4.0															
4.5															
5.0															
6.0															
6.5															
6.8													3,3,4 N=7	SPT	
7.0					SM										
8.0															
9.0															
9.5															
9.8													4,7,6 N=13	SPT	
10.0	87.44														

ENGINEERING BORELOG

[FOR GEOTECHNICAL TERMS AND
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BOREHOLE No : BH10
SHEET : 2 OF 3
REFERENCE No : H8910

PROJECT : GATTON BYPASS DUPLICATION - LOCKYER CREEK BRIDGE - ABUTMENT B
LOCATION : EASTING 431870.52, NORTHING 6952778.75
PROJECT No : C60232 SURFACE R.L. : 97.44 DRILLER : DALY BROTHERS PTY LTD
JOB No : 114/18A/54 DATUM : AHD DATE DRILLED : 30/05/01

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE CASING OTHER	RQD (%)	CORE REC%	SAMPLE	MATERIAL DESCRIPTION	INTACT STRENGTH						DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS	
							USC	WEATHERING	EH	VH	H	M					LV
10	87.44					SANDY CLAYEY SILT ALLUVIUM As above.										5, 7, 7 N=14	SPT
11							SM										
12	85.74					SILTY CLAYEY SAND ALLUVIUM Brown to orange brown, moist to wet, medium dense to very dense.										4, 10, 16 N=26	SPT
13							SC										U99
14																	
15																23, 24, 26 N=50	SPT
16	81.94					RESIDUAL SILTY CLAY Dark grey to green brown, mottled, moist very stiff.										8, 11, 15 N=26	SPT
17							CL										
18	79.94					SANDSTONE FINE TO MEDIUM GRAINED, MASSIVE TO SLIGHTLY LAMINATED POORLY CEMENTED SEDIMENTARY ROCK XW : Generally exhibits engineering properties of green brown to orange brown, moist, very stiff to hard sandy silty clay grading eventually to extremely low strength rock.										9, 10, 13 N=23	SPT
19							XW										U99
20																	



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BOREHOLE No : BH10
 SHEET : 3 OF 3
 REFERENCE No : H8910

PROJECT : GATTON BYPASS DUPLICATION - LOCKYER CREEK BRIDGE - ABUTMENT B
 LOCATION : EASTING 431870.52, NORTHING 6952778.75
 PROJECT No : C60232 SURFACE R.L. : 97.44 DRILLER : DALY BROTHERS PTY LTD
 JOB No : 114/18A/54 DATUM : AHD DATE DRILLED : 30/05/01

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE DRILLING CASING OTHER	RQD (%) CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH					DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
							EH	VH	H	M	VL				
20	77.44				XW (As above).	XW								10, 14, 18 N=32	SPT
21	76.44				HW Pale grey to pale brown, moist, very dense silty sand comprising very low strength rock kernels.	HW								26, 29, 30 N>50	SPT
22															
23															
24	73.84				MW Orange brown to brown, very low to low strength. Slightly laminated towards bottom. Defects - drilling induced subhorizontal fractures.	MW								30/75 N>50	SPT
25			(65) 100											Is(50)=0.04MPa	x
26			(95) 100											Is(50)=0.02MPa	x
27	70.94				END OF HOLE									Is(50)=0.11MPa	o
28															
29															
30															

REMARKS :

LOGGED BY

