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ENGINEERING BORELOG

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

BOREHOLE No : BH03
 SHEET : 1 OF 4
 REFERENCE No : H8903

PROJECT : GATTON BYPASS DUPLICATION - GATTON INTERCHANGE OVERBRIDGE - PIER 2
 LOCATION : EASTING 432455.04, NORTHING 6952344.24
 PROJECT No : C60232 SURFACE R.L. : 95.48 DRILLER : DALY BROTHERS PTY LTD
 JOB No : 114/18A/54 DATUM : AHD DATE DRILLED : 06/06/01

DEPTH (m)	R.L. (m)	ALGER DRILLING CORE DRILLING CASING OTHER	RQD (%) CORE REC%	SAMPLE	MATERIAL DESCRIPTION	WEATHERING				DEFECT SPACING (mm)				GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS	
						USC	W	EH	IL	SL	20	60	200				600
0	95.48				CLAYEY SANDY SILT/CLAYEY SILTY SAND ALLUVIUM Brown, dry to mainly moist, stiff to very stiff. Frequent fine sandy and silty clay interlayers (25mm); loamy appearance.												
1															3, 3, 5 N=8	SPT	
2																	
3															4, 4, 6 N=10	SPT	
4																	
5															5, 5, 8 N=13	SPT	
6																	
7															7, 11, 11 N=22	SPT	
8																	
9															6, 8, 12 N=20	SPT	
10	85.48														7, 12, 14 N=36	SPT	



ENGINEERING BORELOG

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

BOREHOLE No :	BH03
SHEET :	2 OF 4
REFERENCE No :	H8903

PROJECT : GATTON BYPASS DUPLICATION - GATTON INTERCHANGE OVERBRIDGE - PIER 2
 LOCATION : EASTING 432455.04, NORTHING 6952344.24
 PROJECT No : C60232 SURFACE R.L. : 95.48 DRILLER : DALY BROTHERS PTY LTD
 JOB No : 114/18A/54 DATUM : AHD DATE DRILLED : 06/06/01

DEPTH (m)	R.L. (m)	AUGER 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				
10	85.48				CLAYEY SANDY SILT/CLAYEY SILTY SAND ALLUVIUM (As above).									6, 10, 12 N=22	SPT
11															
12														5, 6, 9 N=15	SPT
13														5, 6, 9 N=15	SPT
14															
15						SM									U50
16														6, 8, 10 N=18	SPT
17															
18														5, 5, 7 N=12	SPT
19															
20	75.48													6, 4, 10 N=14	SPT

REMARKS :

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ENGINEERING BORELOG

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

BOREHOLE No :	BH03
SHEET :	3 OF 4
REFERENCE No :	H8903

PROJECT : GATTON BYPASS DUPLICATION - GATTON INTERCHANGE OVERBRIDGE - PIER 2
 LOCATION : EASTING 432455.04, NORTHING 6952344.24
 PROJECT No : C60232 SURFACE R.L. : 95.48 DRILLER : DALY BROTHERS PTY LTD
 JOB No : 114/18A/54 DATUM : AHD DATE DRILLED : 06/06/01

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CASING OTHER	RQD (%) CORE REC%	MATERIAL DESCRIPTION	INTACT STRENGTH				DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
					USC	WEATHERING	EH	VH				
20	75.48			SILTY SAND ALLUVIUM Pale grey to green grey, moist, medium dense. Fine grained sand.								
21										Tube to be pushed		U50
22											8, 10, 11 N=21	SPT
23												
24											5, 6, 5 N=11	SPT
25	70.73			SAND ALLUVIUM Brown, moist, very dense. Fine to medium grained sand.								
26											10, 16, 30/60 N>50	SPT
27	69.18			SILTY SAND ALLUVIUM Grey, wet, loose. Fine to medium grained sand.								
28											6, 4, 4 N=8	SPT
29	67.98			SAND AND GRAVEL ALLUVIUM Dark grey to black, wet, very dense. High organic content. Coarse fraction is generally subangular to subrounded gravel sizing up to 35mm.						Gravel layer		
30											23, 18, 18 N=36	SPT
30	65.48									No recovery	30/120 N>50	SPT



ENGINEERING BORELOG

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

BOREHOLE No : BH03
 SHEET : 4 OF 4
 REFERENCE No : H8903

PROJECT : GATTON BYPASS DUPLICATION - GATTON INTERCHANGE OVERBRIDGE - PIER 2
 LOCATION : EASTING 432455.04, NORTHING 6952344.24
 PROJECT No : C60232 SURFACE R.L. : 95.48 DRILLER : DALY BROTHERS PTY LTD
 JOB No : 114/18A/54 DATUM : AHD DATE DRILLED : 06/06/01

DEPTH (m)	R.L. (m)	AUGER 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				
30	65.48					SAND AND GRAVEL ALLUVIUM (As above).	GP							Gravel bed No recovery		
31	64.28					SANDSTONE FINE GRAINED, MAINLY MASSIVE TO SLIGHTLY LAMINATED, POORLY CEMENTED, SEDIMENTARY ROCK. HW : Pale green to grey green, moist, hard sandy silty clay, eventually becoming very low strength rock.	HW								30/40 N>50	Sp1
32																
33	62.88					SW Pale grey to green grey, massive, low to medium strength. Defects - Nil, but drilling induced lamination partings.	SW								30/55 N>50 Is(50)=0.56MPa Is(50)=0.27MPa Is(50)=0.26MPa Is(50)=0.31MPa Is(50)=0.24MPa	o x x o x
34			(100)	100												
35	59.88		(100)	100												
36						END OF HOLE										
37																
38																
39																
40																

REMARKS :

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