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ENGINEERING BORELOG

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

BOREHOLE No : <u>BH11</u>
SHEET : <u>1</u> OF <u>2</u>
REFERENCE No : <u>H8911</u>

PROJECT : GATTON BYPASS DUPLICATION - CUT 1
 LOCATION : EASTING 430306.19, NORTHING 6953278.53
 PROJECT No : C60232 SURFACE R.L. : 111.81 DRILLER : DALY BROTHERS PTY LTD
 JOB No : 114/18A/54 DATUM : AHD DATE DRILLED : 12/06/01

DEPTH (m)	R.L. (m)	ALGER 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	
											HT
0	111.81			TOPSOIL Brown, moist, sandy silt.					Driller's record only		
1	110.91			SANDSTONE (See remarks for rock details) XW : Generally exhibits engineering properties of pale grey to grey brown, dry, very dense silty sand. HW : Grey brown, dry, very dense silty sand grading to extremely low to low strength rock.	XW				30, 19, 17 N=36	SPT	
2	110.31					HW					
3	109.21			MW : Orange brown to dark grey brown low to medium strength. Frequent carbonaceous and dirty zones; occasional gravel sized rock clasts. Defects - Nil, but drilling induced broken zone. Grading to SW rock with depth.					30/110 N=50	SPT	
4			(70) 100						Drilling induced broken zone Drilling induced broken zone Drilling induced broken zone Drilling induced broken zone	Is(50)=0.14MPa	x
5						MW				Is(50)=0.22MPa	x
6			(90) 100							Is(50)=0.41MPa	o
7				SW : Pale grey to grey, medium strength with occasional high strength bands. Occasional sandy shale bands (80mm). Defects : Occasional lamination partings <15deg. Becoming fresh with depth.					Is(50)=0.49MPa	x	
8			(100) 100						Sandy shale bed Sandy shale bed	Is(50)=0.70MPa	x
9						SW				Is(50)=1.77MPa	o
10			(100) 100							Is(50)=0.39MPa	o
									Is(50)=0.46MPa	x	
									Is(50)=0.60MPa	o	
									Is(50)=1.10MPa	x	

REMARKS : FINE TO MEDIUM GRAINED, MAINLY MASSIVE TO SLIGHTLY LAMINATED,

LOGGED BY
A. DISSANAYAKE



ENGINEERING BORELOG

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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	60	200			
10	101.81		(100)		SW	SW											
	101.54		100		As above.												
					END OF HOLE												
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	

