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ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No BH135
SHEET 1 of 2
REFERENCE No H10900

PROJECT WALKERSTON BYPASS PROJECT GEOTECHNICAL INVESTIGATION - BERGMANS ROAD OVERPASS
LOCATION Abutment A - Middle (Ch.74513.4, 9.7m R of Control Line) COORDINATES 711768.9 E; 7655450.7 N
PROJECT No FG5635 SURFACE R.L. 33.55m PLUNGE -90° DATE STARTED 21/11/10 GRID DATUM _____
JOB No 242/33B/6 HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 21/11/10 DRILLER Drillsure Pty Ltd

DEPTH (m)	R.L. (m)	AUGER CASING ROCK ROLLER CORE DRILLING	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					J
0	33.55					Silty GRAVEL (RESIDUAL)											
1																	
2	32.00					BASALT Extrusive, fine grained, massive, crystalline, basic igneous rock. HW: Low strength, gravel sized rock kernels in brown, moist, hard, silty clay matrix.											
3	30.75					SW: Grey, fine grained, generally high to very high strength. Defects: - Joints @ 10-20° (10m) (subhorizontal)											
4	29.45					Defects are iron stained and clay infilled.											
5	28.95					MICROGABBRO Intrusive, fine to medium grained, massive, crystalline, basic igneous rock HW: Brown, fine to medium grained, medium strength.											
6	28.55					MW: Brown-grey, fine to medium grained, medium strength. SW: Black to dark grey, medium to coarse grained, high to mainly very high strength. Occasional MW bands <500mm.											
7						Defects: Generally rare - Joints @ 10° (1-2/m) - Joints @ 70-90° (<1/m)											
8						Defects are generally planar, rough, tight, occasional iron staining, subvertical calcite veins (1-10mm thick).											
9																	
10																	

REMARKS _____

LOGGED BY
ME/AD



ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No	<u>BH135</u>
SHEET	<u>2</u> of <u>2</u>
REFERENCE No	<u>H10900</u>

PROJECT WALKERSTON BYPASS PROJECT GEOTECHNICAL INVESTIGATION - BERGMANS ROAD OVERPASS
 LOCATION Abutment A - Middle (Ch.74513.4, 9.7m R of Control Line) COORDINATES 711768.9 E; 7655450.7 N
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								EH	VH	H	M	J	VL	EL	20	60				200
10	23.55																			
			(100)			MICROGABBRO SW: (Cont'd)														
11	22.20		100				SW												Is(50) = 2.43MPa	o
						Borehole terminated at 11.35m														
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				

QLD.DMR.LIB.01A.GLB Log A.ENGINEERING BOREHOLE LOG BERGMANS FG5635- WALKERSTON BYPASS.GPJ <-DrawingFile>> Datgel CPT Tool gInt Add-In 21/10/2011 17:28

REMARKS _____

LOGGED BY
ME/AD

Project: **Walkerston Bypass Bergman Rd**

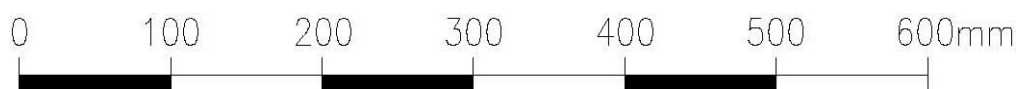
Borehole No: **BH135**

Start Depth: **1.55m**

Finish Depth: **11.35m**

Project No: **FG5635**

H No:



SCALE 1:5

F:GEO043/1