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ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH139
SHEET 2 of 2
REFERENCE No H10899

PROJECT WALKERSTON BYPASS PROJECT GEOTECHNICAL INVESTIGATION - BERGMANS ROAD OVERPASS
LOCATION Abutment B - RHS (Ch.74546.3, 22.7m R of control line) COORDINATES 711791.8 E; 7655423.8 N
PROJECT No FG5635 SURFACE R.L. 31.96m PLUNGE -90° DATE STARTED 17/11/10 GRID DATUM _____
JOB No 242/33B/6 HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 17/11/10 DRILLER Cairns Drilling

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	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	J	VL					EL
10	21.96		100	(84)		VOLCANICLASTIC SANDSTONE SW: (Cont'd) Defects: Rare (<1/m).										Is(50) = 14.46MPa Is(50) = 9.57MPa	x o	
11			100	(96)			SW									Is(50) = 7.82MPa Is(50) = 5.71MPa	x o	
12																		
13	19.51					BASALT Extrusive, fine grained, massive, crystalline, basic igneous rock. SW: Blue grey, generally high to very high strength. Defects: Generally rare. - Joints @ 5-15° (2/m)										Is(50) = 5.72MPa Is(50) = 1.79MPa	x o	
14	17.96		100			Defect surfaces are irregular, rough, with some iron oxide coating.										Is(50) = 6.15MPa	x	
14						Borehole terminated at 14m												
15																		
16																		
17																		
18																		
19																		
20																		

REMARKS _____

LOGGED BY
ME / AD

Project: **Walkerston Bypass (Bergmans Road)**

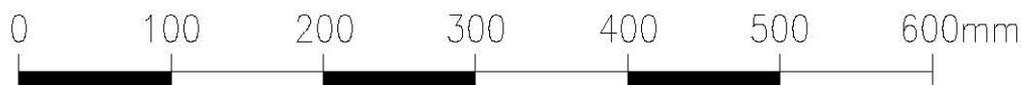
Borehole No: **BH139**

Start Depth: 5.70 m

Finish Depth: 14.00 m

Project No: FG5635

H No:



SCALE 1:5

F:GEO043/1