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ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH107
 SHEET 2 of 3
 REFERENCE No H10859

PROJECT WALKERSTON BYPASS PROJECT GEOTECHNICAL INVESTIGATION - BAKER'S CREEK BRIDGE
 LOCATION Pier 2, LHS COORDINATES 718774.1 E; 7655042.1 N
 PROJECT No FG5635 SURFACE R.L. 7.15m PLUNGE DATE STARTED 10/10/10 GRID DATUM MGA94 Zone 55
 JOB No HEIGHT DATUM AHD BEARING DATE COMPLETED 10/10/10 DRILLER Cairns Drilling

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD () %	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING	INTACT STRENGTH						DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
										EH	VH	TH	M	J	VL				
10	-2.85				H	GRANODIORITE XW: (Cont'd)												8,14,16 N=30	SPT
11					J													7,10,14 N=24	SPT
12								XW											
13					K													10,16,25 N=41	SPT
14	-6.45				L	GRANODIORITE HW: Grey, moist, very dense, silty gravelly silty sand.												10,16,26 N=42	SPT
15					M													14,16,27 N=43	SPT
16					N													13,20,26 N=46	SPT
17					O	Becoming gravelly clay @ 17.20m.												9,17,20 N=37	SPT
18																			
19				(0)	P	Becoming very low strength rock with depth.												25,30/120mm N>50	SPT
20				(0)														Is(50) = 0.02MPa Is(50) = 0.07MPa	x o

REMARKS _____

LOGGED BY
JA



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DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH						DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
									EH	VH	I	M	J	VL				
20	-12.85					GRANODIORITE HW: (Cont'd)		HW										
21	-13.65		11	(0)		GRANODIORITE MW: Pale brown to pale grey, moist, massive, coarse grained, mainly low to medium strength. Intact yet highly friable rock.		MW							Is(50) = 0.01MPa Is(50) = 0.15MPa	x o		
21	-14.75		100												Is(50) = 1.74MPa Is(50) = 0.73MPa	x o		
22						Borehole terminated at 21.9m												
23																		
24																		
25																		
26																		
27																		
28																		
29																		
30																		

REMARKS _____

LOGGED BY
JA

Project: **Walkerston Bypass (Bakers Ck)**

Borehole No: **BH107**

Start Depth: 18.90m

Finish Depth: 21.90 m

Project No: FG5635

H No:



SCALE 1:5

F:GEOT043/1