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ENGINEERING BOREHOLE LOG

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

BOREHOLE No **BH4**
SHEET **1** of **2**
REFERENCE No **H11068**

PROJECT Travel Time Signage
LOCATION Pine River COORDINATES 501837.4 E; 6981160.7 N
PROJECT No FG5798 SURFACE R.L. 5.33m PLUNGE _____ DATE STARTED 27/6/11 GRID DATUM MGA94 Zone 56
JOB No _____ HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 27/6/11 DRILLER Terratest

DEPTH (m)	R.L. (m)	AUGER CASING OTHER WASH BORING	RQD () %	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	5.33					ASPHALT						Based on Driller's logs only Asphalt coring	
5.03						Gravelly Silty SAND (Possible ENGINEERED FILL ?) Grey-brown, slightly moist, medium dense. Gravel fraction is coarse, fragments of mainly metamorphic rock and quartzite, high strength.							
1					A								4,7,6 N=13 SPT
2.83					B	Possible DRAINAGE LAYER ? Brown and green, medium dense, clayey sandy gravel. Sand fraction is coarse grained.							6,8,6 N=14 SPT
					C	Gravel fraction is fine to medium sized, comprising very high strength greenstone, quartzite and other metamorphic rock.							13,24,13 N=37 SPT
0.83					D	Clayey Gravelly SAND (ALLUVIAL ?) Brown, moist to very wet, firm, coarse, becoming medium dense with depth. Minor fragments of greenstone, jasper and chert present.	(SP)						4,3,3 N=6 SPT
-0.62					E								12,15,13 N=28 SPT
					F	Silty SAND (ESTUARINE) Dark grey to black, wet, medium dense, becoming very loose with depth. High organic content.							1,3,10 N=13 SPT
					G	Sand fraction is fine to medium grained, becoming very fine with depth; silt content increasing with depth; contains decomposed shell fragments. Becoming loose at 7.5m.	(SM)						3,1,4 N=5 SPT
					H	Becoming very loose at 9.0m.							HW,HW,HW N<1 SPT
10													

REMARKS _____

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ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH4
SHEET 2 of 2
REFERENCE No H11068

PROJECT Travel Time Signage
LOCATION Pine River COORDINATES 501837.4 E; 6981160.7 N
PROJECT No FG5798 SURFACE R.L. 5.33m PLUNGE _____ DATE STARTED 27/6/11 GRID DATUM MGA94 Zone 56
JOB No _____ HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 27/6/11 DRILLER Terratest

DEPTH (m)	R.L. (m)	AUGER CASING OTHER WASH BORING	RQD () %	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
10	-4.67					Silty SAND (ESTUARINE) (Cont'd)		(SM)					HW,HW,HW N<1	SPT
					J									
	-5.62					Borehole terminated at 10.95m								
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														

REMARKS _____

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