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ENGINEERING BOREHOLE LOG

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

BOREHOLE No **BH8**
SHEET **1** of **2**
REFERENCE No **11238**

PROJECT TRAVEL TIME SIGNAGES FOUNDATION INVESTIGATION (SOUTH COAST REGION) - STAGE 3
LOCATION Helensvale Exit 60 S/B COORDINATES 531024.4 E; 6916179.1 N
PROJECT No FG5798 SURFACE R.L. 7.13m PLUNGE DATE STARTED 27/10/11 GRID DATUM MGA94
JOB No HEIGHT DATUM AHD BEARING DATE COMPLETED 27/10/11 DRILLER Terratest Drilling Pty Ltd

DEPTH (m)	R.L. (m)	AUGER CASING 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	7.13					ROADBASE						Based on Driller's logs only	
1	6.13				A	Gravelly Silty SAND (ENGINEERED FILL) Pale brown to orange grey, moist, stiff to very stiff.						4,3,4 N=7	SPT
2					B							3,6,8 N=14	SPT
3					C							6,6,11 N=17	SPT
4	2.88				D	Silty CLAY (ALLUVIAL) Pale green grey to black, moist, stiff to very stiff. High plasticity; slightly organic.	(CH)					7,5,5 N=10	SPT
5					E							3,4,6 N=10	SPT
6	0.88				F	Silty SAND (ALLUVIAL) Grey brown to brown, wet, loose. Fine grained sand, becoming more silty with depth; occasional gravel sizing up to 20mm.	(CL)					1,2,3 N=5	SPT
7					G							1,1,2 N=3	SPT
8	-1.38				H	Clayey SAND / Silty SAND (ESTUARINE) Dark grey to black, moist, very loose to loose. High organic content; fine grained sand.	(OH)					HW N<1	SPT
9					I							1,1,1 N=2	SPT
10	-2.88												

REMARKS

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ENGINEERING BOREHOLE LOG

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BOREHOLE No **BH8**
SHEET **2** of **2**
REFERENCE No **11238**

PROJECT TRAVEL TIME SIGNAGES FOUNDATION INVESTIGATION (SOUTH COAST REGION) - STAGE 3
LOCATION Helensvale Exit 60 S/B COORDINATES 531024.4 E; 6916179.1 N
PROJECT No FG5798 SURFACE R.L. 7.13m PLUNGE DATE STARTED 27/10/11 GRID DATUM MGA94
JOB No HEIGHT DATUM AHD BEARING DATE COMPLETED 27/10/11 DRILLER Terratest Drilling Pty Ltd

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING	RQD () %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH					DEFECT SPACING (mm)				GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
	CORE REC %		EH					VH	I	M	J	VL	EL	20	60	200			
10	-2.88				Silty CLAY (ESTUARINE) Dark grey to black, moist, soft to firm.														
				J	High plasticity; high organic content.		(CH)										1,1,1 N=2	SPT	
11																			
				K													2,2,3 N=5	SPT	
12	-4.88				Silty CLAY (ESTUARINE) Dark grey to mainly black, moist, stiff to very stiff.														
				L	High plasticity; high organic content; partly cemented in lower area.		(CH)										2,5,10 N=15	SPT	
13																			
				M													12,17,21 N=38	SPT	
14																			
				N													7,10,12 N=22	SPT	
15	-7.83				Borehole terminated at 14.95m														
16																			
17																			
18																			
19																			
20																			

REMARKS

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