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ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH1
SHEET 1 of 2
REFERENCE No 11231

PROJECT TRAVEL TIME SIGNAGES FOUNDATION INVESTIGATION (SOUTH COAST REGION) - STAGE 3
LOCATION Beenleigh South Exit 35 N/B COORDINATES 522403.0 E; 6932169.6 N
PROJECT No FG5798 SURFACE R.L. 10.39m PLUNGE _____ DATE STARTED 7/11/11 GRID DATUM MGA94
JOB No _____ HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 7/11/11 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	10.39												
1					A	Gravelly Silty CLAY (ENGINEERED FILL) Pale brown to orange grey, moist, mainly very stiff to hard. Medium plasticity; frequent rock fragments; medium grained sand.						12,17,19 N=36	SPT
2					B							8,7,17 N=24	SPT
3					C		(CI)					17,11,7 N=18	SPT
4					D							17,14,12 N=26	SPT
5					E							3,7,9 N=16	SPT
6	4.64				F	Silty CLAY (ALLUVIAL) Mottled brown to dark grey brown, moist, stiff to mainly very stiff. High plasticity; minor gravel in parts.						5,4,9 N=13	SPT
7					G							3,4,10 N=14	SPT
8					H	Dark grey minor concretions @ 8.0m.	(CH)					7,6,18 N=24	SPT
9					I							7,4,5 N=9	SPT
10	0.39												

REMARKS _____

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									EH	VI	NI	VL	EL	20	60	200	600	2000		
10	0.39				J	Silty CLAY (ESTUARINE) Dark grey to black, very soft to mainly soft, becoming firm. High plasticity; high organic content.													RW,HW,3 N=3	SPT
11					K		(CH)												HW N<1	SPT
12	-1.86				L	Silty CLAY (ALLUVIAL) Mottled brown to dark grey brown, moist, firm to mainly very stiff. High plasticity.													1,2,3 N=5	SPT
13					M		(CH)												7,7,11 N=18	SPT
14	-3.61				N	Clayey Sandy GRAVEL (ALLUVIAL) Pale grey brown to orange, moist, very dense. Angular to subrounded, high strength gravel fragments with various compositions.													14,29,30/110mm N>50	SPT
15	-4.69				O	Borehole terminated at 15.08m													30/80mm N>50	SPT
16																				
17																				
18																				
19																				
20																				

REMARKS

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