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ENGINEERING BOREHOLE LOG

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

BOREHOLE No	<u>BH3</u>
SHEET	<u>1</u> of <u>2</u>
REFERENCE No	<u>11233</u>

PROJECT TRAVEL TIME SIGNAGES FOUNDATION INVESTIGATION (SOUTH COAST REGION) - STAGE 3
 LOCATION Coomera Exit 54 N/B COORDINATES 530953.1 E; 6914878.6 N
 PROJECT No FG5798 SURFACE R.L. 5.42m PLUNGE _____ DATE STARTED 2/11/11 GRID DATUM MGA94
 JOB No _____ HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 2/11/11 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
									EH	VH	VI	IV	EL	20	60			
0	5.42					Gravelly Silty CLAY (ENGINEERED FILL) Pale brown grey to orange brown, moist, mainly very stiff to hard.										Upper part based on Driller's logs only		
1					A		(CL)									12,8,30/80mm N>50	SPT	
2					B											13,9,10 N=19	SPT	
2.67						Silty CLAY (ALLUVIAL) Pale grey to orange green, moist, stiff to mainly very stiff. High plasticity; slightly sandy in parts.												
3					C											2,3,4 N=7	SPT	
4					D											4,6,9 N=15	SPT	
5					E											5,5,9 N=14	SPT	
6					F		(CH)									5,4,7 N=11	SPT	
7					G											5,6,8 N=14	SPT	
8					H	Colour change to mottled grey @ 8.0m.										4,5,9 N=14	SPT	
9					I											3,4,6 N=10	SPT	
10	4.58																	

REMARKS _____

LOGGED BY
LD/AD



ENGINEERING BOREHOLE LOG

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

BOREHOLE No	<u>BH3</u>
SHEET	<u>2</u> of <u>2</u>
REFERENCE No	<u>11233</u>

PROJECT TRAVEL TIME SIGNAGES FOUNDATION INVESTIGATION (SOUTH COAST REGION) - STAGE 3
 LOCATION Coomera Exit 54 N/B COORDINATES 530953.1 E; 6914878.6 N
 PROJECT No FG5798 SURFACE R.L. 5.42m PLUNGE _____ DATE STARTED 2/11/11 GRID DATUM MGA94
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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
									EH	VH	VI	VI	VI	VI				
10	-4.58				J	Silty CLAY (ALLUVIAL) (Cont'd):	(CH)										3,4,4 N=8	SPT
11	-5.33				K	Silty CLAY (ALLUVIAL) Pale grey, wet, firm to very stiff. High plasticity.	(CH)										3,2,3 N=5	SPT
12					L		(CH)										4,7,9 N=16	SPT
13	-7.58				M	SAND (ALLUVIAL) Brown to pale orange brown, wet, mainly medium dense to dense. Fine grained sand.											9,11,13 N=24	SPT
14					N	Occasional concreted rock fragments sizing up to 40mm. Becoming clayey and medium to coarse grained with depth.	(SM)										21,15,12 N=27	SPT
15	-10.03				O												11,12,27 N=39	SPT
16						Borehole terminated at 15.45m												
17																		
18																		
19																		
20																		

REMARKS _____

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