

COPYRIGHT NOTICE

This geotechnical log and its associated data (the Document) is licensed by the Queensland Department of Transport and Main Roads under the [Creative Commons Attribution 4.0 Licence](#) (CC BY 4.0). When reusing the Document, in whole or in part, please attribute the Department as follows: "*(c) State of Queensland (Department of Transport and Main Roads) 2020, licensed under the CC BY 4.0 Licence*". This licence does not apply to the Queensland Government logo or trademarks.

LIMITATION OF LIABILITY

The CC BY 4.0 Licence contains a comprehensive Disclaimer of Warranties and Limitation of Liability. In addition, please note that this Document was prepared for Departmental use only. Reuse of the Document by anyone for any other purpose could result in error and/or loss. You should obtain professional advice before making decisions based on the contents of the Document.

When reproducing any part of this Document, you must also reproduce this limitation of liability notice in addition to the italicised attribution statement above.

Retrieved from the Queensland Geotechnical Database <http://qgd.org.au/>



ENGINEERING BOREHOLE LOG

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

BOREHOLE No	<u>BH7</u>
SHEET	<u>1</u> of <u>2</u>
REFERENCE No	<u>11237</u>

PROJECT TRAVEL TIME SIGNAGES FOUNDATION INVESTIGATION (SOUTH COAST REGION) - STAGE 3
 LOCATION Coomera Exit 54 S/B COORDINATES 529331.4 E; 6922052.7 N
 PROJECT No FG5798 SURFACE R.L. 24.39m PLUNGE _____ DATE STARTED 26/10/11 GRID DATUM MGA94
 JOB No _____ HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 26/10/11 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
									EH	VH	VI	VI	EL				
0	24.39					TOPSOIL Brown, silty gravelly clay.									Based on Driller's logs only		
1	23.48				A	Gravelly Sandy Silty CLAY (ENGINEERED FILL) Orange to grey dark brown, moist, medium dense to dense. Low to medium plasticity; high strength rock fragments sizing up to 60mm.	(CL-CI)								14,10,14 N=24	SPT	
2					B										23,29,30/80mm N>50	SPT	
3					C										6,10,13 N=23	SPT	
4					D										12,12,14 N=26	SPT	
5					E										27,23,24 N=47	SPT	
6					F	Becoming wet below 6.0m. Containing larger, high strength rock fragments with depth.									6,19,20 N=39	SPT	
7					G										11,24,20 N=44	SPT	
8	16.64				H	Silty CLAY (ALLUVIAL) Grey to dark grey, moist, stiff to very stiff. High plasticity.	(CH)								5,6,9 N=15	SPT	
9	15.39				I	ARGILLITE Fine to medium grained, foliated, low grade metamorphic rock HW: Grey to dark grey, moist, hard gravelly clay. (See over)	HW								12,25,30/120mm N>50	SPT	
10	14.39																

REMARKS _____

LOGGED BY
LD/ AD



ENGINEERING BOREHOLE LOG

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

BOREHOLE No	<u> BH7 </u>
SHEET	<u> 2 </u> of <u> 2 </u>
REFERENCE No	<u> 11237 </u>

PROJECT TRAVEL TIME SIGNAGES FOUNDATION INVESTIGATION (SOUTH COAST REGION) - STAGE 3
 LOCATION Coomera Exit 54 S/B COORDINATES 529331.4 E; 6922052.7 N
 PROJECT No FG5798 SURFACE R.L. 24.39m PLUNGE _____ DATE STARTED 26/10/11 GRID DATUM MGA94
 JOB No _____ HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 26/10/11 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
									EH	VH	IM	J	VL	EL				
10	14.39				J	ARGILLITE HW: (Cont'd) Frequent high strength rock fragments throughout. High plasticity.		HW									24,30/70mm N>50	SPT
11	13.35				K	Borehole terminated at 11.04m											30/40mm N>50	SPT
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		

REMARKS _____

LOGGED BY
LD/ AD