

## **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 **BH6**  
SHEET **1** of **2**  
REFERENCE No **11236**

PROJECT TRAVEL TIME SIGNAGES FOUNDATION INVESTIGATION (SOUTH COAST REGION) - STAGE 3  
LOCATION Yatala South Exit 41 S/B COORDINATES 522445.2 E; 6932204.2 N  
PROJECT No FG5798 SURFACE R.L. 9.95m PLUNGE          DATE STARTED 25/10/11 GRID DATUM MGA94  
JOB No          HEIGHT DATUM AHD BEARING          DATE COMPLETED 25/10/11 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	9.95					<b>Silty Sandy CLAY (ENGINEERED FILL)</b> Dark brown, moist.  Organic material throughout.						Based on Driller's logs only	
1	8.95				A	<b>Gravelly Silty CLAY (ENGINEERED FILL)</b> Yellow orange to dark brown, moist, mainly very stiff to hard.  Medium plasticity.						7,6,10 N=16	SPT
2					B							8,10,14 N=24	SPT
3					C							8,10,8 N=18	SPT
4					D	Becoming more gravelly and high content of rock fragments with depth.						15,25,23 N=48	SPT
5					E	Rock fragments sizing up to 50mm increasing with depth.	(Cl)					15,30/100mm N>50	SPT
6					F							6,9,15 N=24	SPT
7					G							22,18,16 N=34	SPT
8					H	Severe water loss @ 7.8m.						7,5,5 N=10; No recovery	SPT
9	0.95				I	<b>Silty CLAY (ESTUARINE)</b> Dark grey to black, moist, very soft to soft.						3,3,2 N=5; No recovery	SPT
10	-0.05				J	High plasticity; high organic content.	(CH)					HW N<1	SPT

REMARKS SPT "N" values may have been overestimated due to presence of large frock fragments

LOGGED BY  
LD/ AD



# ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH6  
SHEET 2 of 2  
REFERENCE No 11236

PROJECT TRAVEL TIME SIGNAGES FOUNDATION INVESTIGATION (SOUTH COAST REGION) - STAGE 3  
LOCATION Yatala South Exit 41 S/B COORDINATES 522445.2 E; 6932204.2 N  
PROJECT No FG5798 SURFACE R.L. 9.95m PLUNGE      DATE STARTED 25/10/11 GRID DATUM MGA94  
JOB No      HEIGHT DATUM AHD BEARING      DATE COMPLETED 25/10/11 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
10	-0.05					Silty CLAY (ESTUARINE) (Cont'd):			(CH)					U50
11	-1.50				K									
12						Borehole terminated at 11.45m								SPT
13														
14														
15														
16														
17														
18														
19														
20														

REMARKS SPT "N" values may have been overestimated due to presence of large frock fragments

LOGGED BY  
LD/ AD