

## **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 BH C09  
SHEET 1 of 1  
REFERENCE No H11045

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C  
LOCATION Cut 4 COORDINATES 472892.2 E; 7089590.6 N  
PROJECT No FG5799 SURFACE R.L. 101.60m PLUNGE \_\_\_\_\_ DATE STARTED 04/07/11 GRID DATUM MGA94  
JOB No 232/10A/2 HEIGHT DATUM AHD BEARING \_\_\_\_\_ DATE COMPLETED 04/07/11 DRILLER Drillsure Pty Ltd

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD (%)	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	101.60											
1				A	<b>Silty CLAY:</b> Grey/brown, moist, very stiff and becoming hard with depth, high plasticity.  Occasional subrounded pebbles sizing up to 20mm. Occasional traces of organic material.							5,8,9 N=17 SPT
2												
3				B	2.5m: Becoming hard.							19,15,16 N=31 SPT
4												
5				C								12,16,21 N=37 SPT
6				D								10,12,12 N=24 SPT
7				E	6.0m: Plant material present?							10,16,25 N=41 SPT
8	95.15											
9				F	<b>SILTSTONE (XW):</b> Generally exhibits engineering properties of a brown/grey, moist, hard, clayey silt.	XW						19,27,30/100mm N>50 SPT
10	94.10				<b>SILTSTONE (HW):</b> Brown, fine grained, subtly foliated, extremely low to very low strength.  Defects: -Clayey and broken throughout. -Foliation parting at 60° (3-4/m) Defect spacing is extremely close to close. Defect surfaces are planar, open, clay infilled.	HW						
11	92.45		100									
12					Borehole terminated at 9.15m							

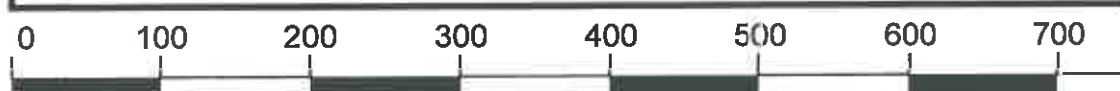
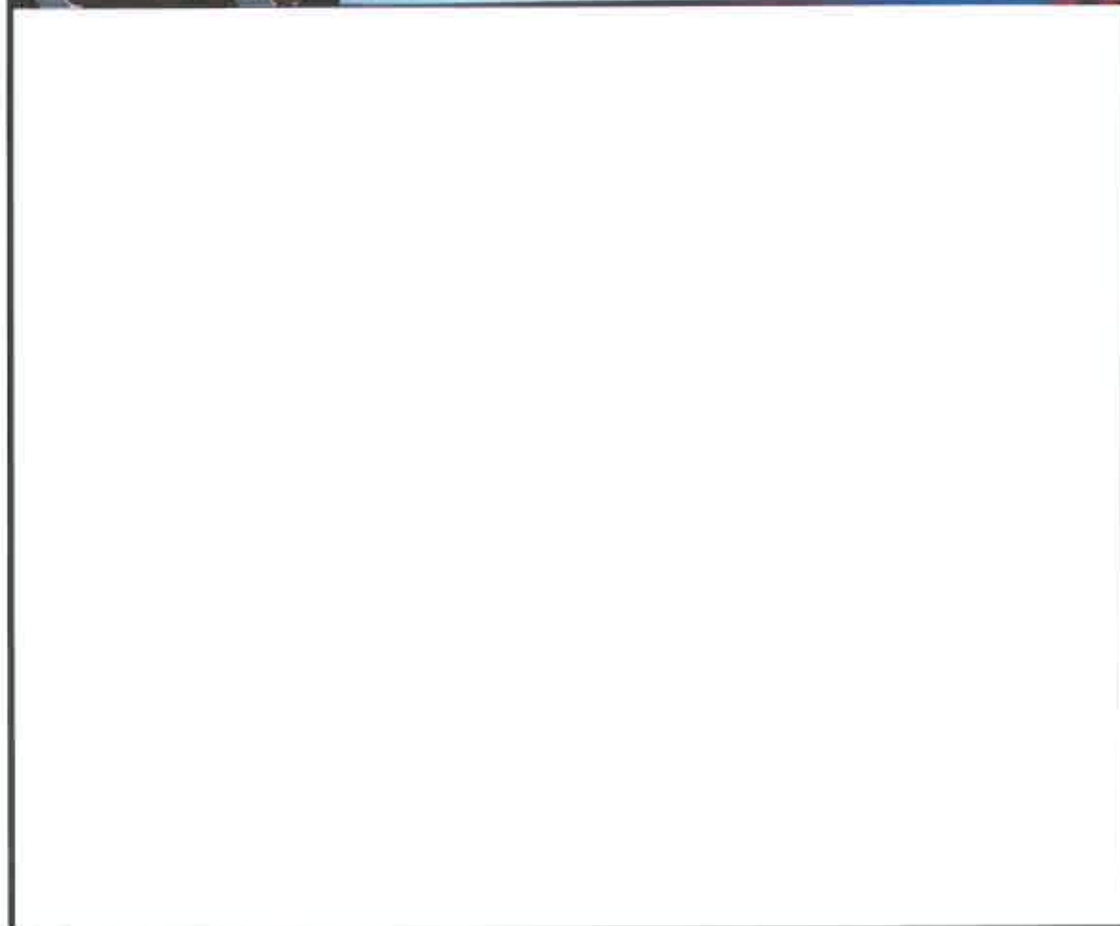
REMARKS \_\_\_\_\_

LOGGED BY  
JA/DC



## CORE PHOTO LOG - BH C9

Project Name:	BRUCE HIGHWAY UPGRADE - SECTION C		
Project No.:	FG5799	Date:	06/09/2011
Details:	Cut 4	Start Depth (m):	7.50
Reference No.:	H11045	Finish Depth (m):	9.15



SCALE 1:5