

## **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/>

## MAIN ROADS DEPARTMENT

## ENGINEERING BORE LOG

-19/80

PROJECT CABBAGE TREE CREEK BRIDGESITE FOUNDATION INVESTIGATION

Sheet 1 of 3

LOCATION Pier 9 (Approx.); co-ordinates 38441E 46345N







HOLE No. 5

REF. No. H 6226

DATUM AHD

JOB No. 140/U13C/201 PROJECT No. 1-616 DATE 29/8/89

SURFACE R.L. 1.70

DEPTH (m)	1:50	STRATA DESCRIPTION		FIELD SAMPLE & N VALUE	GRAPHIC LOG	ENGINEERING PROPERTIES				
	R.L.	LITHOLOGY	SOIL TYPE OR WEATHERING			PARAMETERS & INDICES	MC (%)x		DD (t/m <sup>3</sup> )□	
	1.70						x □	x □	x □	x □
		<u>FILL</u> Drillers log only.								
0.70		<u>SAND AND GRAVEL</u> Drillers log only.								
1										
2										
3										
-2.0										
4		<u>MUDSTONE</u> Pale grey, grey green, brown green to dark green, fine grained, poorly consolidated sedimentary rock. Red ironstained and cemented near top. Shale and shaly mudstone in part. Shale laminae 10°-15° dip. Indurated in part. Exhibits properties of a firm to hard, fissured, highly plastic clay.		A B32		Red iron cemented				
5				C						MC 62.2% DD -1-02t/m <sup>3</sup>
6										
7				D7						
8				E						
9						Dark brown-green shale				
				F18						

REMARKS

GEOL. \_\_\_\_\_

ENGR. \_\_\_\_\_

PROJECT CABBAGE TREE CREEK BRIDGESITE FOUNDATION INVESTIGATION

Sheet 2 of 3

HOLE No. 5

LOCATION

REF. No. H 6226

DATUM

JOB No. PROJECT No. DATE SURFACE R.L.

AUGERING CORE DRILLING CASING OTHER	DEPTH (m)	1:50	STRATA DESCRIPTION		FIELD SAMPLE & N VALUE	GRAPHIC LOG	ENGINEERING PROPERTIES							
		R.L.	LITHOLOGY	SOIL TYPE OR WEATHERING			PARAMETERS & INDICES	MC (%)x		DD (t/m <sup>3</sup> ) □				
		-8.3						x □	x □	x □	x □			
			MUDSTONE (Cont.)		F18	/								
	11					/								
					G29	/								
	12					/								
						/								
	13				H32	/			Dark green shaly mudstone					
						/								
	14													
					J30									
	15													
	16				K33									
	17													
	18				L28				LL 114 PI 76 LS 23					
	19				M32									

REMARKS

GEOL.

ENGR.

MAIN ROADS DEPARTMENTENGINEERING BORE LOG

PROJECTCABBAGE TREE CREEK BRIDGESITE FOUNDATION INVESTIGATION

Sheet 3 of 3

HOLE No. 5 Cont.

LOCATION

REF. No. H 6226

DATUM

SURFACE R.L.

JOB No. PROJECT No. DATE

AUGERING CORE DRILLING CASING OTHER	DEPTH (m)	1:50	STRATA DESCRIPTION		FIELD SAMPLE & N VALUE	GRAPHIC LOG	ENGINEERING PROPERTIES							
		R.L.	LITHOLOGY	SOIL TYPE OR WEATHERING			PARAMETERS & INDICES	MC (%)x		DD (t/m³) □				
		-18.3						x □	x □	x □	x □			
			MUDSTONE (Cont.)											
	21				N26									
					Core Rec%									
	22				Core Rec%									
	23	-21.5			87									
			END OF HOLE											
	4													
	5													
	6													
	7													
	8													
	9													

REMARKS

GEOL. R. de V.

ENGR. S. Hobbs