

## **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://ggd.org.au/>

PROJECT FREDERICK STREET OVERPASS FOUNDATION INVESTIGATION

Sheet 1 of 2

HOLE No. 6

LOCATION 34494.206 E, 29407.209 N (Ch. 202, 1mL of Control)

REF. No. H 5855

DATUM AHD

SURFACE R.L. 15.00

JOB No. 140/U18B/104 PROJECT No. 1-563 DATE 8.4.87

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> ) □
		15.0					x □	x □	
			<u>FILL</u>						
	14.2		<u>Sandy CLAY</u> Grey, yellow and red mottled, soft becoming stiff, moist  (USC = CL)	A6					
	11.6		<u>Gravelly CLAY</u> Grey and red, hard, moist. Gravel 5mm diam.  (USC = CH)	B15		13.5.87			
	9.8		<u>Clayey SAND</u> Grey, medium dense to dense, moist. sand fraction fine to medium grained. Minor fine gravel throughout.  (USC = SC)	D32					
				E46					
				F21					

REMARKS

GEOL.  
ENGR.  
APPR.

S.P.T.

Core Loss

WEATHERED  
CONDITIONExtremely  
WeatheredHighly  
WeatheredModerately  
WeatheredSlightly  
WeatheredWater  
Level

NOTE

FOR TERMS AND SYMBOLS REFER  
TEST METHOD Q 188 - 1980  
MATERIALS TESTING MANUAL

PROJECT FREDERICK STREET OVERPASS FOUNDATION INVESTIGATION

Sheet 2 of 2

HOLE No. 6

LOCATION

REF. No. H 5855

DATUM

SURFACE R.L.

JOB No.

PROJECT No.

DATE

AUGERING CORE DRILLING CASING OTHER	DEPTH (m)	1:50	STRATA DESCRIPTION	R.Q.D. ( ) %	GRAPHIC LOG	STRUCTURE	ENGINEERING PROPERTIES									
		R.L.	LITHOLOGY	SOIL TYPE OR WEATHERING			INTACT STRENGTH					DEFECT SPACING				
		5.0					EH	VH	H	M	L	VC	VC	C	M	W
			Clayey SAND													
	1															
	3.5															
	3.0		QUARTZITE - grey, fine grained, metamorphic rock.	HIGHLY WEATHERED Brown, clay throughout.	G27 30% H 90											
				MODERATELY WEATHERED Highly siliceous throughout, quartz veining common and contorted: foliation obscure. Defects dip at low angle but closed defects at medium to high angles also visible.	70	Thinly bedded										
	0.95			Clayey coating on open defect planes.	97											
			END OF HOLE													
	5															
	6															
	7															
	8															
	9															

REMARKS X Diametral Point Load

GEOL.

ENGR.

APPR.

S.P.T.

Core Loss

WEATHERED  
CONDITIONExtremely  
WeatheredHighly  
WeatheredModerately  
WeatheredSlightly  
WeatheredWater  
Level

Σ

NOTE

FOR TERMS AND SYMBOLS REFER  
TEST METHOD Q 188 - 1980  
MATERIALS TESTING MANUAL

