

## **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

PROJECT DEPOT ROAD BRIDGESITE FOUNDATION INVESTIGATION

Sheet 1 of 3

HOLE No. 4

LOCATION Pier 1 (approx.) - Co-ordinates 38378.2E 46696.3N

REF. No. H 6236

DATUM AHD

JOB No. 140/U13C/201 PROJECT No. I-615 DATE 31/8/89

SURFACE R.L. 3.09

AUGERING CORE DRILLING CASTING OTHER	DEPTH (m)	STRATA DESCRIPTION		FIELD SAMPLE & N VALUE	GRAPHIC LOG	ENGINEERING PROPERTIES					
		LITHOLOGY	SOIL TYPE OR WEATHERING			PARAMETERS & INDICES		MC (%)x		DD (t/m <sup>3</sup> )□	
						X □	X □	X □	X □		
	1:50 R.L. 3.09										
	1	CLAY Grey to dark grey, yellow brown ironstained in part, moist, firm to stiff alluvium. Sandy in part.		(USC)							
	2			A13 (CL)							
	3			B (CH)							
	-0.51										
	4	SANDY CLAY Grey, yellow brown iron-staining in part, firm to very stiff alluvium. Sand fraction fine to coarse grained.		C25 (CH/ CL)							
	5	Gravelly in part. Gravel mainly quartz to 10mm. Silty in parts. More sandy near base.		D18 (CL)							
	6										
	7			E7 (SC)						Very sandy	
	-4.71										
	8	SAND Pale grey, loose to medium dense, fine to coarse grained alluvium.		F (SW)							
	9										
	-6.21										
		GRAVEL Pale grey medium dense alluvium.		G22							

REMARKS

GEOL.  
ENGR.



WEATHERED  
CONDITION



NOTE

FOR TERMS AND SYMBOLS REFER

MRC FORM 23 AM (11/87)

MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT DEPOT ROAD BRIDGESITE FOUNDATION INVESTIGATION

Sheet 2 of 3

HOLE No. 4 (Cont.)

LOCATION

REF. No. H  
DATUM  
SURFACE R.L.

JOB No. PROJECT No. DATE

AUGERING CORE DRILLING CASING OTHER	DEPTH (m)	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> )□				
								x	x	x	x			
	1:50													
	-6.91													
	-7.71		GRAVEL (Cont.) Mainly 2-5mm but some to 30mm. Minor medium to coarse grained sand.	G22 (GP)										
	11		CLAYEY SAND Pale grey to greenish grey, medium dense, fine to coarse grained alluvium. Minor gravel to 20mm.	H19 (SP/ SC)										
	12		Clay content varies in parts.				Very clayey							
	-9.91			C6/ML J28										
	13		MUDSTONE Green yellow to blue grey, fine grained poorly consolidated sedimentary rock. Brown ironstaining along defects. Minor thin shale and siltstone interbeds. Exhibits properties of a hard fissured silty clay.	K47										
	14													
	15													
	16			L68			LL 88 PI 49 LS 22							
	17													
	18			M44										
	19			33 N150										

REMARKS

GEOLOGICAL  
ENGINEERING

S.P.T.    
 Core Loss    
 WEATHERED CONDITION    
 Extremely Weathered    
 Moderately Weathered    
 Water Level

Highly Weathered    
 Slightly Weathered

NOTE  
FOR TERMS AND SYMBOLS REFER  
MRB FORM 23 AM 11/87

MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT DEPOT ROAD BRIDGESITE FOUNDATION INVESTIGATION

Sheet 3 of 3

HOLE No. 4 (Cont.)

LOCATION

REF. No. H

DATUM

SURFACE R.L.

JOB No. PROJECT No. DATE

AUGERING CORE DRILLING CASING OTHER	DEPTH (m)	STRATA DESCRIPTION		FIELD SAMPLE & N VALUE	GRAPHIC LOG	ENGINEERING PROPERTIES					
		LITHOLOGY	SOIL TYPE OR WEATHERING			PARAMETERS & INDICES		MC (%)x		DD (t/m <sup>3</sup> ) □	
						x □	x □	x □	x □		
	1:50 R.L. -16.91										
		MUDSTONE (Cont.)		P 42 150							
	21										
	22			Q49							
	-19.16										
		END OF HOLE									
	23										
	4										
	5										
	6										
	7										
	8										
	9										

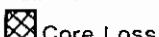
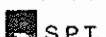
REMARKS

GEOLOGICAL

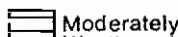
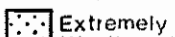
*R. del*

ENGINEER

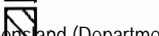
*J. Webb*



WEATHERED  
CONDITION



Water  
Level



NOTE  
FOR TERMS AND SYMBOLS REFER  
MRS. FORM 23 ZL (1/82)