

## **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

Form 23ZL(c)  
(P) /10/74

PROJECT HUGHTON HIGHWAY BRIDGESITE SUPPLEMENTARY FOUNDATION INVESTIGATION HOLE No. 43  
 REF. H 4515  
 LOCATION Chainage 3302.7, 1.5m left of structure centreline DATUM FCC  
 (approx. location of Pier 84)  
 JOB No 140/122/201 PROJECT No. 1-145 DATE 27/6/78 GROUND SURFACE -0.04  
 TYPE OF DRILLING: Solid Augering  50mm Hollow Augering  Casing  NMLC Coring

STRATA DESCRIPTION		Depth	Field Sample & N Value	R.L.	Graphic Log	ENGINEERING PROPERTIES		
Soil Type Lithology	Weathering			1:50		Parameters & Indices	MC(%) x	DD(t/m <sup>3</sup> ) o
		0.00		-0.04				
<b>ALLUVIUM</b> Fine grained, subhorizontally bedded, Unconsolidated alluvium. Strata boundaries above RL -7.04 are approximate only (+ 0.5m).	<u>SAND</u> Grey, fine grained, loose, saturated.	A						
		B						
		C						
		3.00		-3.04				
	<u>SILTY SAND</u> Grey brown, fine grained, loose, saturated. Minor clay component in part.	D						
		E						
		F						
		6.50		-6.54				
<b>RESIDUAL SOIL</b> Fine grained, consolidated.	<u>SILTY CLAY</u> Mottled yellow brown ironstained grey, stiff saturated.	G						
		7.80	Core Rec %	-7.84				
<b>SILTSTONE</b> Light to dark grey, fine grained, laminated, non-fissile, sedimentary rock. Bedding and defects are sub-horizontally oriented.	<u>DECOMPOSED</u> Yellow iron-stained grey, dense, moist, clayey silt.							
	<u>HIGHLY WEATHERED</u> Light to moderate yellow brown discoloration throughout.		84					
		9.25		-9.29				
		10.00	84					

REMARKS ..... GEOLOGIST .....  
 ..... ENGINEER .....  
 ..... APPROVED .....  
 ..... DATE .....

38mm TUBE Wash Sample S.P.T. TEST WATER LEVEL

NOTE: For other symbols see Appendix 1.  
 (c) State of Queensland (Department of Transport and Main Roads) 2020, CC BY 4.0. Please note copyright and limitation of liability notices on attached cover page.

MAIN ROADS DEPARTMENT

FORM 2022 (P) /10/74

ENGINEERING BORE LOG

PROJECT HOUGHTON HIGHWAY BRIDGESITE SUPPLEMENTARY FOUNDATION INVESTIGATION HOLE No 43(Cont.)  
 LOCATION ..... REF. H .....  
 DATUM .....  
 GROUND .....  
 JOB No ..... PROJECT No ..... DATE ..... SURFACE .....  
 TYPE OF DRILLING: Solid Augering  50mm Hollow Augering  Casing  NMLC Coring

STRATA DESCRIPTION		Depth	Core Rec. %	R.L.	STRUCTURE	ENGINEERING PROPERTIES										
Soil Type	Weathering			1:50		Intact Strength	Defect Spacing									
Lithology		10.00		10.04		EH	YH	H	W	M	VC	VC	U	W	W	
SILTSTONE (CONT.)	HIGHLY WEATHERED (CONT.)				Subhorizontal decomposed seam	[Grid for Engineering Properties]										
		11.50	100	11.54												
END OF HOLE																

REMARKS: ..... GEOLOGIST *[Signature]*  
 ENGINEER .....  
 APPROVED *[Signature]*  
 DATE 5/4/78

Decomposed   
  Highly Weathered   
  Moderately Weathered   
  Slightly Weathered   
  Core Loss

NOTE:- For other symbols see Appendix 1.  
 (c) State of Queensland (Department of Transport and Main Roads) 2020, CC BY 4.0. Please note copyright and limitation of liability notices on attached cover page.