

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 SANDGATE ROAD BRIDGESITE FOUNDATION INVESTIGATION

Sheet 1 of 3

HOLE No. 6

LOCATION Pier 5, 7.7m right of Southbound Control
Chainage 15012.4

REF. No. H 6204

DATUM AHD

JOB No. 140/U13C/201 PROJECT No. 1-614 DATE 10/8/89

SURFACE R.L. 2.537

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 ³) [□]	
	2.54							x □	x □	x □	x □
1:50		FILL (GC/CL) Yellow-brown gravelly clay fill material with incorporated pockets of dark grey organic clay, road shoulder - no asphalt.		☼	Gravel fill layer						
0.94				▽	8/9/89						
(1.60)		CLAY (CH) Dark grey, very soft, wet, organic, medium to high plasticity, minor coarse sand component - alluvial.	A	▨							
			B41								
		CLAYEY SAND (SC) Dark grey-brown, very loose, wet, layers of fine to coarse sands with varying amounts of clay, ranges to sandy clay (CL) in parts. Sparse gravel component of unknown sizes - alluvial.	C41								
			D+								
				☼	Angular quartz gravel and fine to medium sand (CP)						
-4.36			E	☼							
(6.90)		MUDSTONE Pale olive green to darker blue/green with depth, stiff to hard with depth, moist, fine grained, highly plastic, residual, SILTY CLAY (CH) representing a dipping layered sedimentary sequence of very low strength clayey beds, generally massive and fissured in structure, sometimes blocky. Sparse bedding indications of 25° dip. (Cont.)	F13								
			G			MC=55.2%	DD=1.06t/m ³	c=151kPa	φ=12.5°		

REMARKS + Sample not recovered
Drilling method - wash boring.

GEOLOGICAL ENGINEER

SPT 50 mm	Core Loss	WEATHERED CONDITION	Extremely Weathered	Moderately Weathered	Water Level	NOTE FOR TERMS AND SYMBOLS REFER MPD FORM 23 AM (1/87)
Highly Weathered	Slightly Weathered	Water Level	Please refer to the right and limitation of liability notices on attached cover page.			

