

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/>



**Queensland
Government**

Department of
Main Roads

ENGINEERING BOREHOLE

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/2-2004

BOREHOLE No **BH148**

SHEET **1** of **2**

REFERENCE No **H9585**

PROJECT **GATEWAY UPGRADE PROJECT GEOTECHNICAL INVESTIGATION - NORTHERN SECTION**

LOCATION _____ COORDINATES **9498.3 E; 169333.3 N**

PROJECT No **FM2055** SURFACE R.L. **3.99** DATE STARTED **4/2/05** DATUM **SETP**

JOB No _____ DATUM **AHD** DATE COMPLETED **4/2/05** DRILLER **R&D DRILLING PTY LTD**

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	3.99					SAND Black, fine grained.						Driller's record only.	
	3.49					SANDY CLAY Dark grey.						Driller's record only.	
	3.09					SILTY CLAY Orange brown to mottled brown, moist, firm.		CH					1,2,3 N=5
	2.29					High plasticity.							
						SAND Pale brown to orange brown, wet, medium dense.							7,8,6 N=14
						Fine to medium sand becoming coarse with depth; occasional scattered gravel particles.							
						Becoming slightly gravelly below 3.5m.		SP					7,9,10 N=19
													10,12,12 N=24
	-0.76					SAND AND GRAVEL Pale brown to orange brown, wet, medium to dense, sub-angular to sub-rounded gravel sizing up to 50mm, minor fine fraction.		GP					18,18,18 N=36
	-1.51					SAND Pale brown to orange brown, wet, medium dense.							8,12,12 N=24
	-2.51					SILTY CLAY Pale grey to pale orange and mottled grey, slightly moist, very stiff.							7,8,10 N=18
						Medium to high plasticity, slightly fissured throughout, slightly lateritic throughout.							4,9,13 N=22
								CI					7,5,6 N=11
10	-6.01												

REMARKS _____

LOGGED BY
A.Dissanayake



**Queensland
Government**
Department of
Main Roads

ENGINEERING BOREHOLE

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/2-2004

BOREHOLE No BH148

SHEET 2 of 2

REFERENCE No H9585

PROJECT GATEWAY UPGRADE PROJECT GEOTECHNICAL INVESTIGATION - NORTHERN SECTION

LOCATION _____ COORDINATES 9498.3 E; 169333.3 N

PROJECT No FM2055 SURFACE R.L. 3.99 DATE STARTED 4/2/05 DATUM SETP

JOB No _____ DATUM AHD DATE COMPLETED 4/2/05 DRILLER R&D DRILLING PTY LTD

DEPTH (m)	R.L. (m)	ALUGS CASING WASH BORING	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
10	-6.01					SILTY CLAY As above.							6,8,8 N=16	SPT
11														
12													6,8,9 N=17	SPT
13								CI						
14													Slickensided joint	
15						Becoming brown towards bottom.							6,6,8 N=14	SPT
16	-11.51					SILTY CLAYEY SAND Pale grey to pale brown, moist, medium dense, fine to medium sand.								
17	-12.46												6,13,14 N=27	SPT
18						Borehole terminated at 16.45m								
19														
20														

REMARKS _____

LOGGED BY
A.Dissanayake