

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 BH142
SHEET 1 of 2
REFERENCE No H9455

PROJECT GATEWAY UPGRADE PROJECT GEOTECHNICAL INVESTIGATION - NORTHERN SECTION
LOCATION CONTROL LINE: MCAO - Ch. 18318 - OFFSET 2.6 L COORDINATES 9661.6 E; 168936.4 N
PROJECT No FM2055 SURFACE R.L. 4.48 DATE STARTED 20/8/04 DATUM SETP
JOB No _____ DATUM AHD DATE COMPLETED 20/8/04 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	4.48												
1						GRAVEL - FILL Pale grey brown, dry, dense sandstone fragments, becoming moist, firm, sandy silty clay with depth.	GC					11,12,26 N=38	SPT
2	2.23												
3	1.73					ESTUARINE (??) SILTY CLAY Grey brown to slightly mottled, moist, soft to firm, medium to high plasticity, frequent silty sand interlayers up to 20mm.	OL					2,8,4 N=12	SPT
4						SAND - ALLUVIUM Grey to grey brown, wet, very loose to mainly loose.						2,2,2 N=4	SPT
5						Mainly fine to medium grained sand, minor silt fraction.						7/9/04 6/10/04	
6							SP					3,3,3 N=6	SPT
7												3,3,2 N=5	SPT
8												1,1,2 N=3	SPT
9												1,1,2 N=3	SPT
10	-5.52											1,1,1 N<1	SPT

REMARKS

LOGGED BY
B.Woodgate & A.Dissanayake



Queensland
Government

Department of
Main Roads

ENGINEERING BOREHOLE

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

BOREHOLE No BH142

SHEET 2 of 2

REFERENCE No H9455

PROJECT GATEWAY UPGRADE PROJECT GEOTECHNICAL INVESTIGATION - NORTHERN SECTION

LOCATION CONTROL LINE: MCAO - Ch. 18318 - OFFSET 2.6 L COORDINATES 9661.6 E: 168936.4 N

PROJECT No FM2055 SURFACE R.L. 4.48 DATE STARTED 20/8/04 DATUM SETP

JOB No DATUM AHD DATE COMPLETED 20/8/04 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
10	-5.52					SAND - ALLUVIUM (As above)						1,1,3 N=4	SPT
						Becoming more gravelly, medium dense towards bottom.		SP					
11												4,5,9 N=14	SPT
	-7.22					SILTY SAND - ALLUVIUM Pale grey brown to orange, wet, medium dense.						7,7,8 N=15	SPT
12						Mainly medium to coarse sand, some subangular quartz and lithic gravel on the upper area.		SM				9,15,12 N=27	SPT
13												12,15,17 N=32	SPT
14	-9.97					Borehole terminated at 14.45m							
15													
16													
17													
18													
19													
20													

REMARKS

LOGGED BY
B.Woodgate & A.Dissanayake