

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/>

ENGINEERING BORELOG

[FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F873 NOV/87]

BOREHOLE No : 5
SHEET : 1 OF 2
REFERENCE No : H7167

PROJECT : PEDESTRIAN OVERPASS OVER GATEWAY ARTERIAL AT DEAGON
LOCATION : PIER 8 -38135E 47660N
PROJECT No : 1-694 SURFACE R.L. : 5.63 DRILLER : DALY BROS
JOB No : 140/U13C/41 DATUM : AHD DATE DRILLED : 1/3/93

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE Casing OTHER	RQD (%) CORE REC%	CORE LOSS	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH				DEFECT SPACING (mm)				GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
							EH	VH	H	M	VL	20	50	100			
0	5.63																
1					CLAY Grey, with some brown mottling, firm, moist, alluvium. sand content and plant roots throughout	CH										U48	
2	3.63																
3					BASALT GREY, FINE GRAINED, MASSIVE, VOLCANIC ROCK. Grey and brown mottled, with engineering properties of a dense to very dense clayey sand. rock structure clearly visible										N=41	SPT	
4	2.13													1/3/93	N=27	SPT	
5						XW									N=39	SPT	
6															N=56	SPT	
7	-1.17														N=70/080	SPT	
8			100		Grey, open defects dip at low to medium angle. Clay coatings on defect planes. core also contains many semi-closed brown stained defects. fine to medium grained.	MW											
9			91														
10	-4.37																

REMARKS :

LOGGED BY

ENGINEERING BORELOG


FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F873 NOV/87

BOREHOLE No : 5
SHEET : 2 OF 2
REFERENCE No : H7167

PROJECT : PEDESTRIAN OVERPASS OVER GATEWAY ARTERIAL AT DEAGON
LOCATION : PIER 8 -38135E 47660N
PROJECT No : 1-694 SURFACE R.L. : 5.63 DRILLER : DALY BROS
JOB No : 140/U13C/41 DATUM : AHD DATE DRILLED : 1/3/93

DEPTH (m)	R.L. (m)	ALICE DRILLING Casing OTHER	RQD (%) CORE REC%	CORE LOSS	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
10	-4.37				BASALT						
11			100			MW				clay band	
12	-5.97		75		CLAY Red to brown, very stiff, moist, residual stratum. medium to high plasticity.						
13						CH					
14										C=160kpa $\phi=2^\circ$ MC=33% DD=1.4t/m ³	U48
15										N=26	SPT
16	-10.37				BASALT Grey to green, with engineering properties of very stiff sandy clay	XW				N=36	SPT
17	-10.82				END OF HOLE						
18											
19											
20											

REMARKS :

LOGGED BY


PEDESTRIAN FOOTBRIDGE AT DEAGON

START
6.8 M

HOLE 5
H 7167

1 OF 1

MARCH 93

START 6.8

7

8

9

0.00000

10

11

0.00000

12

0.00000

13