

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 F:GEOT 017/0-1998

BOREHOLE No : 4
SHEET : 1 OF 2
REFERENCE No : H9111

PROJECT : APPLE TREE CREEK GEOTECHNICAL INVESTIGATION
LOCATION : EASTING 422307.34, NORTHING 7211267.28
PROJECT No : FG5133 SURFACE R.L. : 71.07 DRILLER : Schneider Drilling Pty Ltd
JOB No : DATUM : AHD DATE DRILLED : 07/03/02

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE DRILLING CASING OTHER	RQD (%)	CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	71.07											
	70.57					FILL (MISCELLANEOUS) Dark grey, firm clay.	CL				Driller's record only 07/03/02	
	70.37											
1						ALLUVIAL CLAYEY SAND Pale grey to orange, wet, very loose. Very fine grained sand.						U48
2							SC					
3											1, 1, 2 N=3	SPT
	67.57											
4						RESIDUAL SILTY SAND Dark brown to dark red brown, moist, medium dense.	SM				5, 10, 11 N=21	SPT
	66.57											
5						GRANODIORITE COARSE GRAINED, MASSIVE INTRUSIVE IGNEOUS ROCK OF ACIDIC COMPOSITION. XW : Generally exhibits engineering properties of grey green to grey brown, moist, dense to very dense silty sand.					7, 15, 24 N=39	SPT
6							XW					
7											30/120 N=50	SPT
	63.87											
8						MW Orange brown to white, mainly low to medium strength with some high strength areas. Defects - Joints @ 30deg (3/m).	MW					
	62.65		(70) 100									
9						SW White to spotted green, massive, mainly very high strength with extremely high strength bands. Defects - Joints @ 30 deg. (3/m). Joints @ 50 deg. (3/m).	SW				Is(50)=1.64MPa Is(50)=8.99MPa Is(50)=11.5MPa Is(50)=4.85MPa Is(50)=6.95MPa	* x o x x y
10	61.07											

REMARKS : Failure has taken place along the preexisting plane.

LOGGED BY



ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/0-1998

BOREHOLE No : 4
SHEET : 2 OF 2
REFERENCE No : H9111

PROJECT : APPLE TREE CREEK GEOTECHNICAL INVESTIGATION
LOCATION : EASTING 422307.34, NORTHING 7211267.28
PROJECT No : FG5133 SURFACE R.L. : 71.07 DRILLER : Schneider Drilling Pty Ltd
JOB No : DATUM : AHD DATE DRILLED : 07/03/02

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE CASING OTHER	RQD (%) CORE REC% (98)	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH				DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
							EH	VH	H	M	VL			
10	61.07													
	60.87		100		SW (As above).	SW								
					END OF HOLE									
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														

REMARKS :

LOGGED BY

A. DISSANAYAKE