

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**

**GEOTECHNICAL
BOREHOLE LOG**

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No **BH303**

Sheet 1 of 1

REFERENCE No _____

PROJECT	Mackay Ring Road				
LOCATION	_____			COORDINATES 721535.1 E; 7663590.1 N	
PROJECT No	FG6184	SURFACE RL	16.83m	PLUNGE	90°
				DATE STARTED	29/09/2015
				GRID DATUM	GDA 94 / MGA Z55
JOB No	242/10G/906	HEIGHT DATUM	A.H.D.	BEARING	°
				DATE COMPLETED	29/09/2015
				DRILLER	Saxon Drilling

DEPTH (m)	R.L. (m)	AUGER CASING WASHBORING CORE DRILLING	RQD (%) CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH	DEFECT SPACING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS		
												EH	VH
16.23					Clayey GRAVEL (Fill) Brown, moist, very dense.								
15.33				A	Silty CLAY trace sand (Residual) Brown, moist, firm. Fine to medium grained sand, medium plasticity.	(Cl)					2, 1, 3 N=4		
				B	Sandy CLAY (Residual) Grey and yellow brown, moist, very stiff to hard. Fine to medium grained sand, medium plasticity.	(Cl)					4, 11, 20 N=31		
14.13			(93)		MICRODIORITE SW: Brown and grey, fine to medium grained, porphyritic, massive, very high strength. Js: 35° to 50°; (2/m); Pl-St/Ro; minor Sinf, Fe St;								
			100 (82)										
			100 (81)		4.60m: Js: 65° to 75°; (1/m); Pl/Ro; OP: Fe St; 4.80m: Js: 35° to 50°; (4/m);								
					5.40m: Js: 35° to 50°; (7/m);	SW		VH					
			100 (93)										
					6.85 to 7.15m: No defects								
					7.15m: Js: 35° to 50°; (5/m); Fe St or Cn; Js: 55° to 65°; (2/m); Pl/Ro; Fe St;								
			100 (72) 100										
8.58					Borehole completed at 8.25m								

REMARKS:	LOGGED BY	REVIEWED BY
	G.Kennedy	