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**Queensland
Government**

GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **BH102**

Sheet 1 of 3

REFERENCE No **H13095**

PROJECT **Bohle River pedestrian/cycle bridge**

LOCATION **off Woolcock St, East side of Bohle River**

COORDINATES **469139.1 E; 7870124.9 N**

PROJECT No **FG6560**

SURFACE RL **5.96m**

PLUNGE **90°**

DATE STARTED **21/03/2018**

GRID DATUM **55K**

JOB No **268/10M/908**

HEIGHT DATUM **AHD**

BEARING **°**

DATE COMPLETED **22/03/2018**

DRILLER **Saxon / Jez**

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD (%) % CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH					DEFECT SPACING					ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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1	4.96				Sandy SILT (Topsoil) dark grey, moist, very soft, low plasticity, fine grained sand, trace of reeds		(ML)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

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REMARKS: Standpipe installed with screen from 7.5 to 9.0m depth.

LOGGED BY

REVIEWED BY

Kay Want

S. Foley



**Queensland
Government**

GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **BH102**

Sheet 2 of 3

REFERENCE No **H13095**

PROJECT **Bohle River pedestrian/cycle bridge**

LOCATION **off Woolcock St, East side of Bohle River**

COORDINATES **469139.1 E; 7870124.9 N**

PROJECT No **FG6560** SURFACE RL **5.96m**

PLUNGE **90°**

DATE STARTED **21/03/2018**

GRID DATUM **55K**

JOB No **268/10M/908**

HEIGHT DATUM **AHD**

BEARING **°**

DATE COMPLETED **22/03/2018**

DRILLER **Saxon / Jez**

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD (%)	SAMPLE CORE REC %	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH	DEFECT SPACING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
					No sample recovered.		XW				12/60mm hb SPT
11	-5.16		(26)		BRECCIATED DACITE		MW				30/120mm SPT
			95		HW: Pale pink-brown, fine grained, aphanitic, mainly very low to low strength.		HW				D (11.29m)
			(0)		Highly altered, brecciated and broken throughout.						Is(50)=1.24 MPa
			0		-Js: 5°-30° (3-5/m), Pl/Ro, Cly infill						
12			(0)				HW				
			80								
			(0)								
13			80								
			(0)				HW				
			40								
			(0)								
14	-7.94		80		Core Loss						Is(50)=0.12 MPa D (13.70m)
			(0)								
			0								
			(0)								
15	-9.14		15		Brecciated Dacite		XW				
			(0)		XW: Recovered as Gravelly silty						
			0		CLAY: Pale grey, dry, hard, medium plasticity. fine to medium gravel, angular to sub-angular.						12/50mm hb SPT
16	-10.24				BRECCIATED DACITE		HW				
			(0)		HW: green-grey, fine grained, aphanitic, extremely low to low strength. Highly altered/brecciated.						Is(50)=0.12 MPa D (16.60m)
			100		Clay in-filled joints.						
17	-11.14		(0)		BRECCIATED DACITE						
			88		MW: dark green-grey to brown-grey, fine grained, aphanitic, mainly high strength.						Is(50)=4.22 MPa D (17.20m)
			(0)		Highly altered. Broken throughout.						
18			100		-Js: 40°-50° (5-8/m), Pl/Ro, TI-OP, some Cly Vr.						Is(50)=0.13 MPa D (17.76m)
			(33)		From 18.06-18.33m: Colour change green-grey to pink-brown						
					From 18.5m: Js 5°-10° (5/m), Pl/Ro, TI, some Cly and FeSt.						
					Becoming pink brown.						Is(50)=4.55 MPa D (18.40m)
19			100								UCS=26.90 MPa (19.00m)
			(0)								
			100								Is(50)=0.92 MPa D (19.31m)
			(0)								
19	-14.04		25								

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REMARKS: Standpipe installed with screen from 7.5 to 9.0m depth.

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REVIEWED BY

Kay Want

S. Foley



GEOTECHNICAL
BOREHOLE LOG

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

BOREHOLE No **BH102**
Sheet 3 of 3
REFERENCE No **H13095**

PROJECT Bohle River pedestrian/cycle bridge
LOCATION off Woolcock St, East side of Bohle River
COORDINATES 469139.1 E; 7870124.9 N
PROJECT No FG6560 SURFACE RL 5.96m PLUNGE 90° DATE STARTED 21/03/2018 GRID DATUM 55K
JOB No 268/10M/908 HEIGHT DATUM AHD BEARING ° DATE COMPLETED 22/03/2018 DRILLER Saxon / Jez

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD (%) CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH	DEFECT SPACING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
21	-16.14		(0) 100 (0) 100 (38)		BRECCIATED DACITE MW: Cont'd.		MW				
22			100				MW			20.75m: Clay seam Is(50)=2.34 MPa	D (20.63m)
22					Borehole completed at 22.10m					Is(50)=1.09 MPa	D (22.00m)

REMARKS: Standpipe installed with screen from 7.5 to 9.0m depth.	LOGGED BY	REVIEWED BY
	Kay Want	S. Foley

CORE PHOTO LOG
DEPARTMENT OF TRANSPORT AND MAIN ROADS
GEOTECHNICAL SECTION

Project Name	Bohle River Pedestrian/Cycle Path – Geotechnical Investigation		
Project No.	FG6560	Date	March 2018
Borehole No.	BH102	Reference No.	
Location	SE bank	Start Depth (m)	11.1
Submitted By	K. Want	Finish Depth (m)	22.1



The photograph shows a series of soil core samples arranged in a tray. Each sample is labeled with its depth in meters. The labels are: 11.10, 11.50, 11.90, 12.5, 12.6, 13.9, 14.1, 14.85, 15.1, 15.2, 15.45, 15.5, 16.5, 16.8, 17.0, 17.6, 19.6, 19.9, and 21.0. Some samples are labeled 'Loss' or 'Loss / gravel'. A yellow ruler is visible in the background, and a scale bar at the bottom indicates distances from 0 to 700 mm.

0 100 200 300 400 500 600 700

SCALE (mm)

CORE PHOTO LOGDEPARTMENT OF TRANSPORT AND MAIN ROADS
GEOTECHNICAL SECTION

Project Name	Bohle River Pedestrian/Cycle Path – Geotechnical Investigation		
Project No.	FG6560	Date	March 2018
Borehole No.	BH102	Reference No.	
Location	SE bank	Start Depth (m)	11.1
Submitted By	K. Want	Finish Depth (m)	22.1

