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**Queensland  
Government**

## GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **BH7**

Sheet 1 of 3

REFERENCE No **H12977**

PROJECT **Beames Brook Bridge Replacement Project**

LOCATION

COORDINATES **324435.3 E; 8022517.3 N**

PROJECT No **FG6513**

SURFACE RL **5.05m**

PLUNGE **90°**

DATE STARTED **09/11/2017**

GRID DATUM **MGA94 Z54K**

JOB No **23/78A/14**

HEIGHT DATUM **AHD**

BEARING **°**

DATE COMPLETED **11/11/2017**

DRILLER **Saxon Drilling**

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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	4.75				SAND and GRAVEL with Clay (Fill) Brown, moist, dense. Fine to coarse sand; fine to medium gravel.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

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REMARKS:

LOGGED BY

REVIEWED BY

R. Bruce

S. Foley



**Queensland  
Government**

## GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **BH7**

Sheet 2 of 3

REFERENCE No **H12977**

PROJECT **Beames Brook Bridge Replacement Project**

LOCATION \_\_\_\_\_ COORDINATES **324435.3 E; 8022517.3 N**

PROJECT No **FG6513** SURFACE RL **5.05m** PLUNGE **90°** DATE STARTED **09/11/2017** GRID DATUM **MGA94 Z54K**

JOB No **23/78A/14** HEIGHT DATUM **AHD** BEARING **°** DATE COMPLETED **11/11/2017** DRILLER **Saxon Drilling**

DEPTH (m)	R.L. (m)	AUGER Casing Wash Boring Cone Drilling	RQD (%) CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH	DEFECT SPACING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
11				K	Silty CLAY (Alluvium) Cont'd.						
										12, 18, 25 N=43	SPT
12				L						16, 20, 30/90mm	SPT
										14, 26, 28 N=54	SPT
13				M			(CI)			15, 21, 30 N=51	SPT
14				N						11, 16, 23 N=39	SPT
15				O	From 14.5m: Trace fine to coarse grained sand.					17, 30/110mm	SPT
-10.45				P	Clayey SAND (Alluvium) Pale brown mottled yellow-brown, moist, very dense. Fine to medium grained sand.		(SC)			Is(50)=1.44 MPa Is(50)=2.95 MPa UCS=27.60 MPa	A (16.05m) D (16.06m) (16.36m)
-10.95					SILTSTONE MW: Pale grey mottled orange red, fine grained, high strength.					Is(50)=0.78 MPa Is(50)=0.72 MPa	A (17.75m) D (17.76m)
17					Strong iron alteration throughout.						
18					- Js: 0°-20° (4-6/m) Pl/Ro, TI-OP, Fe St		MW				
19										19.30m-19.60m: HW BZ 19.59m: BZ, 150mm	
-14.95							HW			Is(50)=2.08 MPa Is(50)=1.73 MPa	A (19.93m) D (19.94m)

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REMARKS:

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R. Bruce

S. Foley



GEOTECHNICAL  
BOREHOLE LOG

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

BOREHOLE No **BH7**  
Sheet 3 of 3  
REFERENCE No **H12977**

PROJECT Beames Brook Bridge Replacement Project

LOCATION \_\_\_\_\_ COORDINATES 324435.3 E; 8022517.3 N

PROJECT No FG6513 SURFACE RL 5.05m PLUNGE 90° DATE STARTED 09/11/2017 GRID DATUM MGA94 Z54K

JOB No 23/78A/14 HEIGHT DATUM AHD BEARING ° DATE COMPLETED 11/11/2017 DRILLER Saxon Drilling

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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21	-15.92		100		SILTSTONE MW: Cont'd.	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	MW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

REMARKS:	LOGGED BY	REVIEWED BY
	R. Bruce	S. Foley

TMR GEOTECHNICAL BOREHOLE LOG - CREATED WITH HOLEBASE SI

**CORE PHOTO LOG**  
DEPARTMENT OF TRANSPORT AND MAIN ROADS  
GEOTECHNICAL SECTION

Project Name	<b>Beames Brook Bridge Replacement</b>		
Project No.	FG6513	Date	11/11/2017
Borehole No.	BH7	Reference No.	H12977
Location	Abutment B, LHS	Start Depth (m)	16.00
Submitted By	M. de Gee	Finish Depth (m)	20.97

