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**Queensland
Government**

GEOTECHNICAL BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS
REFER TO TMR FORM F:GEOT 017/10 - 2019

BOREHOLE No **BH27**

Sheet 1 of 2

REFERENCE No **H13348**

PROJECT Centenary Bridge Upgrade

LOCATION Brisbane River, Jindalee, M5 Centenary Motorway, Jindalee to Kenmore COORDINATES 494778.24 E; 6955098.45 N

PROJECT No FG18012 SURFACE RL -8.92m PLUNGE 90° DATE STARTED 18/03/2019 GRID DATUM MGA94 56J

JOB No 498/05038 HEIGHT DATUM m AHD BEARING DATE COMPLETED 19/03/2019 DRILLER Schneider Drilling

DEPTH (m)	R.L. (m)	AUGER Casing WASH BORING CORE DRILLING	RQD (%) CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY GROUP SYMBOL / WEATHERING	INTACT STRENGTH	DEFECT SPACING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
1				A	SAND with silt (Alluvium) Grey and brown, wet, medium dense. 90% fine to coarse grained sand. 10% low plasticity silt.	(SW)				4, 6, 5 N=11 SPT
2										
3	-11.42			B	SAND with gravel, trace silt (Alluvium) Grey and brown, wet, loose. 70% fine to coarse grained sand. 29% fine to coarse grained gravel, sub- angular grains. 1% fines, low plasticity.					7, 5, 3 N=8 SPT <75µm= 2%
4				C	From 4.1m: Becoming medium dense, gravelly SAND trace fines. 56% sand, 43% gravel, 1% fines.					6, 6, 6 N=12 SPT <75µm= 1%
5										
6				D		SP				6, 10, 8 N=18 SPT
7				E						12, 13, 10 N=23 SPT
8										
9				F	8.6-8.9m: GRAVEL trace sand and silt band, medium dense to dense. 90% fine to coarse gravel, sub-angular to angular grains, 5% fine to coarse grained sand, 5% low plasticity silt.					9, 13, 30/110mm SPT
	-18.72				Silty CLAY with gravel (Alluvium)					

REMARKS: Barge deck at 3.08 m AHD, 12.0 m measured from barge deck to river bed

LOGGED BY

E. Maxwell

REVIEWED BY

S. Foley

GEOTECHNICAL BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS
REFER TO TMB FORM F:GEOT 017/10 - 2019

BOREHOLE No. **BH27**

Sheet 2 of 2

REFERENCE No **H13348**

PROJECT	Centenary Bridge Upgrade
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LOCATION	Brisbane River, Jindalee, M5 Centenary Motorway, Jindalee to Kenmore
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COORDINATES 494778.24 E; 6955098.45 N

PROJECT No FG18012

SURFACE RL -8.92m

PLUNGE 90°

DATE STARTED 18/03/2019

GRID DATUM MGA94 56J

JOB No 498/05038

HEIGHT DATUM m AHD

BEARING

DATE COMPLETED 19/03/2019

DRILLER Schneider Drilling

REMARKS: Barge deck at 3.08 m AHD, 12.0 m measured from barge deck to river bed

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REVIEWED BY

F. Maxwell

S. Foley

CORE PHOTO LOG
DEPARTMENT OF TRANSPORT AND MAIN ROADS
GEOTECHNICAL SECTION

Project Name	Centenary Bridge Upgrade – Geotechnical Investigation		
Project No.	FG18012	Date	18/03/2019
Borehole No.	BH27	Reference No.	
Location	Brisbane River	Start Depth (m)	10.52
Submitted By	E.Maxwell	Finish Depth (m)	16.98

