

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 and author as follows: "(c) *State of Queensland (Department of Transport and Main Roads) 2020, licensed under the CC BY 4.0 Licence, prepared by Aurecon*". 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/>

This log has been contributed to the Queensland Geotechnical Database with the permission of Aurecon.

Client: QDMR
 Project: ARRP Bridges
 Project Number: A592-002-00
 File Name: P:\WP\A592-002-00

Sheet: 1 of 2

Drilling Information				Soil Description				Testing		Strata Information									
Groundwater	Drilling Method	Sample Type	Elevation (m AHD)	USC	Material Type; Colour; Plasticity Or Particle Characteristics; Structure	Moisture Content	Consistency/ Relative Density								Comments/ Test Results/ Origin	SPT Values	Graphic Log	Elevation (m AHD)	Depth (m)
							VS S F St VS H VL L MD D VD C												
					Start of Borehole @ +315.816m (AHD)														
	AV				FILL Light brown, cobbles gravels and clay, low plasticity, angular to sub-rounded cobbles and coarse gravels, organics present, very stiff	D													
		SPT	315.0			M													
					Gravelly CLAY Dark brown, low plasticity, fine to medium sized, angular to sub-rounded, volcanic gravels, very stiff														
	RC			GC															
					Start NMLC Rock Log @ +314.116m (AHD)														
			314.0																
			313.0																
			312.0																
			311.0																

Driller: North Coast Drilling

Remarks:

Logged By: DWL

Date Logged: 18/06/06

Drill Type: Pioneer 120

Support:

Checked By: PK

Date Checked: 10/12/06

Client: QDMR

Project: ARRP Bridges

Project Number: A592-002-00

File Name: P:\WP\A592-002-00

Drilling Information				Rock Description			Intact Strength			Rock Mass Defects				Strata Information		
Groundwater	Drilling Method	Core Recovery	Elevation (m LAT)	Weathering	Material Type; Colour; Plasticity Or Particle Characteristics; Structure	RQD (%)	Estimated Strength			Is(50) A/n (MPa)	UCS (MPa)	Defect Spacing (m)	Defect Description (depth, type, angle, roughness, infill, thickness)	Graphic Log	Elevation (m AHD)	Depth (m)
							VL EL	M L	VH H							
					Begin NMLC Rock Log @ +314.116m											
	NMLC	100	314.0	DW	RHYOLITE Light grey, stained orange and black, fractured, fine grained, distinctly weathered, high strength	0			D = 2.13 I = 3.10			1.73m Jo, 20°, Pl, Sm, Sn 1.75m Jo, 20°, Pl, Sm, Sn 1.75m to 1.82m, Gravel Infill, 70mm 1.90m Jo, 85°, Un, Sm, Cn 1.94m Jo, 30°, Pl, Sm, Cn 1.98m Jo, 30°, Pl, Sm, Cn 2.02m Jo, 30°, Pl, Sm, Cn 2.08m Jo, 20°, Ir, Ro, Cn 2.17m Jo, 60°, Pl, Sm, Sn 2.27m Jo, 50°, Ir, Ro, Sn 2.29m Jo, 50°, Pl, Sm, Sn 2.37m Jo, 60°, Pl, Sm, Cn 2.40m Jo, 50°, Pl, Sm, Cn 2.42m Jo, 60°, Pl, Sm, Cn 2.53m Jo, 35°, Pl, Ro, Clay - Grey & white 2.55m Jo, 55°, Ir, Sm, Clay Infill 2.61m Jo, 70°, Pl, Sm, Sn 2.65m Jo, 40°, Pl, Sm, Sn 2.69m Jo, 50°, Pl, Sm, Sn 2.72m Jo, 50°, Pl, Sm, Sn 2.79m Jo, 60°, Pl, Sm, Sn 2.84m Jo, 85°, Pl, Sm, Calcite 2.85m Jo, 70°, Pl, Ro, Cn 2.97m Jo, 40°, St, Ro, Cn 3.07m Jo, 60°, Pl, Sm, Calcite 3.17m Jo, 75°, Pl, Sm, Calcite 3.22m Jo, 60°, Pl, Ro, Cn 3.3m Jo, 20°, Pl, Ro, Cn 3.42m DI, 30° 3.50m DI, 50° 3.69m Jo, 25°, Pl, Sm, Clay Infill 3.85m Jo, 50°, Pl, Sm, Cn 3.93m Jo, 60°, Pl, Sm, Cn 4.01m Jo, 15°, Un, Sm, Cn 4.03m Jo, 60°, Pl, Sm, Clay 4.06m Jo, 30°, Pl, Sm, Cn 4.12m Jo, 60°, Pl, Sm, Gravelly Clay Infill 4.20m Jo, 70°, Pl, Ro, Cn 4.31m Jo, 30°, Pl, Sm, Cn 4.33m Jo, 40°, Pl, Sm, Cn 4.42m Jo, 60°, Pl, Sm, Cn 4.45m Jo, 40°, Pl, Sm, Sn 4.56m Jo, 75°, Pl, Sm, Cn 4.59m Jo, 40°, Pl, Sm, Cn 4.75m Jo, 20°, Ir, Ro, Sn		314.0	2.0	
		100			Becoming reddish brown	10			D = 1.39 A = 3.97						313.0	3.0
		100			Becoming light grey, healed microfracturing present, high to very high strength											
		100			Becoming very high strength	27			D = 9.48 I = 8.97						312.0	4.0
				SW	Becoming slightly weathered, microfracturing absent, high strength				D = 1.60 A = 4.86						311.0	5.0
					End of Borehole @ +311.016m (AHD)											

Driller: North Coast Drilling

Remarks:

Logged By: DWL

Date Logged: 18/06/06

Drill Type: Pioneer 120

Support:

Checked By: PK

Date Checked: 10/12/06

Connell Wagner

Grey Scale



Colour Scale



Location

Barambah Creek
(South Abutment)

Borehole Number

BH-04

Box

1

of

2

Depth

-1.70 m

to

-4.17 m

Project

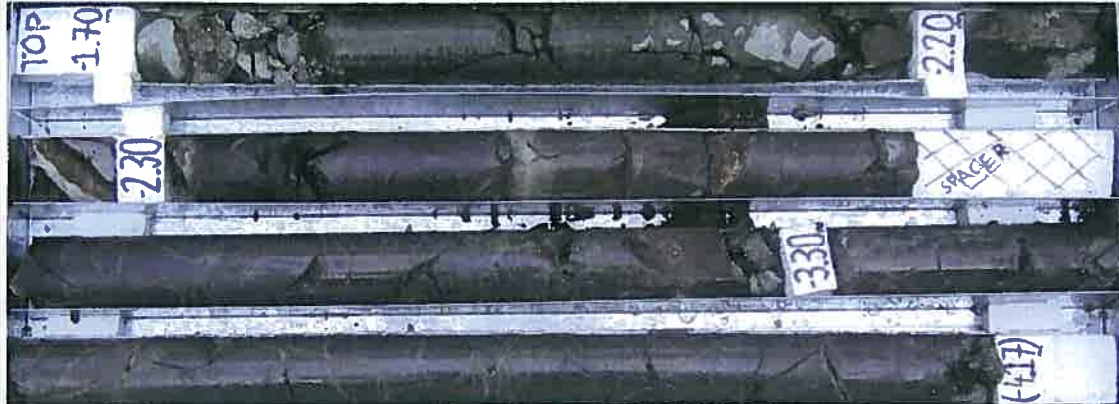
ARRP Bridges

Number

A592-002

Client

Queensland Department of Main Roads

**Connell Wagner**

Grey Scale



Colour Scale



Location

Barambah Creek
(South Abutment)

Borehole Number

BH-04

Box

2

of

2

Depth

-4.17 m

to

-4.80 m

Project

ARRP Bridges

Number

A592-002

Client

Queensland Department of Main Roads

