

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://ggd.org.au/>

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

Drilling Information			Rock Description		Intact Strength		Rock Mass Defects			Strata Information					
Groundwater	Drilling Method	Core Recovery	Depth	Weathering	Material Type; Colour; Plasticity Or Particle Characteristics; Structure	RQD (%)	Estimated Strength				Defect Spacing (m)	Defect Description (depth, type, angle, roughness, infill, thickness)	Graphic Log	Elevation (m)	Depth (m)
							VL	M	VH	EL					
	N M L C	11		SW	CORE LOSS (Continued) LIMESTONE As previous CORE LOSS (1.60m)	11									
			8.0											70.0	8.0
			9.0	FR/ SW	LIMESTONE (continued) Dark grey, with white calcite veins, fresh to slightly weathered, very high strength End of Borehole @ -9.00m									69.0	9.0
			10.0											68.0	10.0
			11.0											67.0	11.0
			12.0											66.0	12.0

Driller: Geodrill

Remarks:

Logged By: RA

Date Logged: 21/07/08

Drill Type: Hydrapower Scout

Support: Hard Casing 2.50m

Checked By: MS

Date Checked: 08/08/08

Connell Wagner

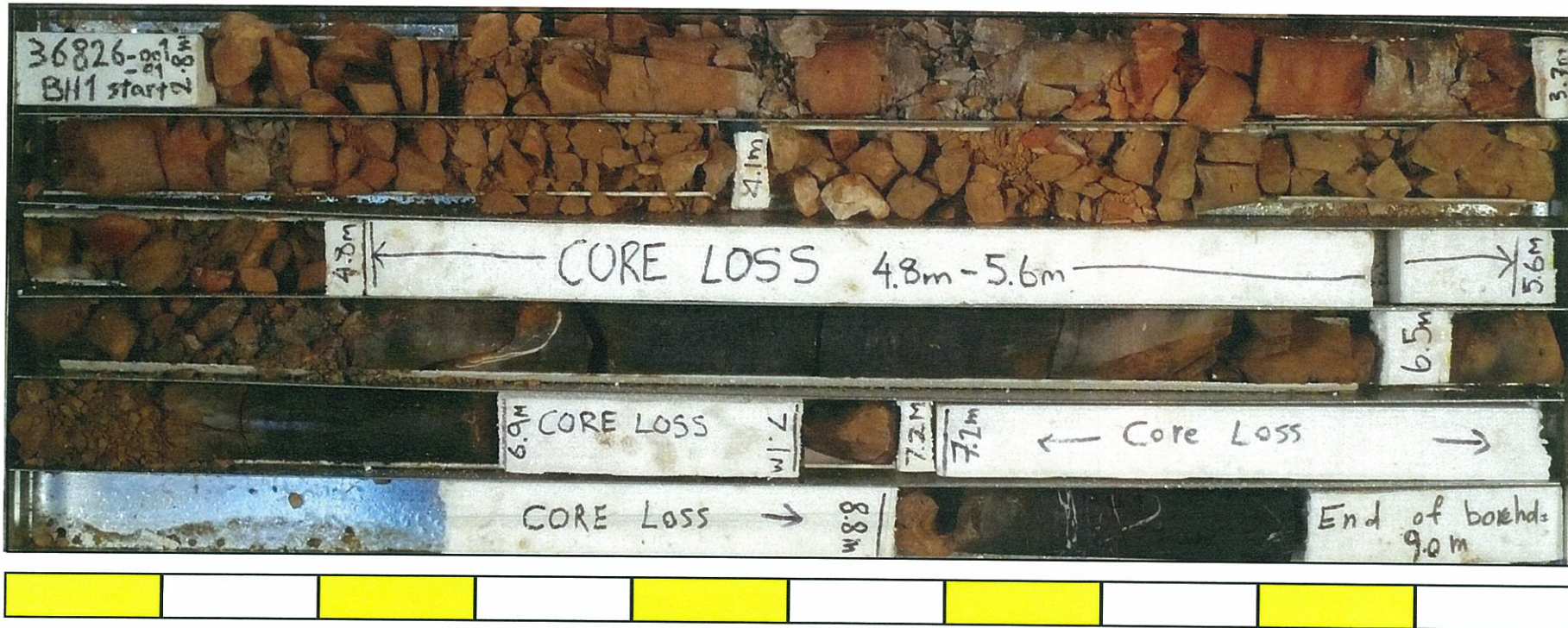
Grey Scale



Colour Scale



Borehole Number		BH01	
Page	1	of	1
Depth	2.80	to	9.00
Project	Bruce Highway		
Number	36826-001-01-7D-7G		
Client	Department of Main Roads		



Project: Bruce Highway Road Cutting - Slope Stability Investigation
 BH ID: BH-01

Depth (m)	Type	Dip (Degrees)	Nature of Infilling	Infill Consistency	Roughness (Profile, JRC @ 100mm)	Defect Spacing	Defect Weathering
2.80	Joint	10°	Clean		Smooth - Undulating	Very Close	Moderately Weathered
2.90	Bedding	60-80°	Clean		Smooth - Planar	Close	Slightly Weathered
3.00	Bedding	10°	Clean		Rough - Undulating	Extremely Close	Moderately Weathered
3.05	Joint	40°	Clean		Smooth - Undulating	Very Close	Moderately Weathered
3.10	Joint	70-80°	Clean		Smooth - Planar	Close	Moderately Weathered
3.20	Bedding	0°	Cohesive (clay/silts)		Smooth - Planar	Very Close	Slightly Weathered
3.25	Joint	80°	Clean		Smooth - Planar	Close	Slightly Weathered
3.30	Bedding		Cohesive (clay/silts)		Smooth - Planar	Extremely Close	Slightly Weathered
3.50	Shear		Non Cohesive (sandy)		Smooth - Planar	Extremely Close	Moderately Weathered
3.55	Joint	80°	Clean		Smooth - Planar	Very Close	Moderately Weathered
3.60	Joint	80°	Clean		Smooth - Undulating	Very Close	Slightly Weathered
3.65	Joint	80°	Clean		Smooth - Planar	Extremely Close	Slightly Weathered
3.70	Joint	60-70°	Clean		Smooth - Planar	Close	Moderately Weathered
3.75	Bedding	10°	Clean		Smooth - Planar	Close	Slightly Weathered
3.80	Bedding	10°	Clean		Smooth - Planar	Close	Slightly Weathered
3.85	Bedding	10°	Cohesive (clay/silts)	Soft / Loose	Smooth - Undulating	Very Close	Moderately Weathered
3.90	Joint		Non Cohesive (sandy)	Soft / Loose	Smooth - Planar	Extremely Close	Moderately Weathered
4.00	Shear		Non Cohesive (sandy)	Soft / Loose	Smooth - Planar	Extremely Close	Moderately Weathered
4.10	Joint		Clean		Rough - Undulating	Extremely Close	Moderately Weathered
4.15	Bedding	10°	Clean		Smooth - Planar	Very Close	Moderately Weathered
4.25	Shear		Non Cohesive (sandy)	Soft / Loose	Smooth - Planar	Extremely Close	Moderately Weathered
4.35	Bedding	10°	Clean		Rough - Undulating	Extremely Close	Slightly Weathered
4.40	Joint	70°	Clean		Smooth - Planar	Close	Slightly Weathered
4.50	Joint	30-70°	Non Cohesive (sandy)	Soft / Loose	Rough - Planar	Very Close	Slightly Weathered
4.70	Shear		Non Cohesive (sandy)	Soft / Loose	Smooth - Planar	Extremely Close	Moderately Weathered
4.75	Joint		Clean		Smooth - Planar	Extremely Close	Moderately Weathered
5.60	Joint	60-80°	Clean		Rough - Planar	Very Close	Moderately Weathered
5.70-5.80	Shear		Cohesive (clay/silts)	Soft / Loose	Smooth - Planar	Extremely Close	Moderately Weathered
5.90	Joint	70-80°	Clean		Smooth - Planar	Close	Moderately Weathered
6.00	Joint	30°	Clean		Smooth - Planar	Medium	Slightly Weathered
6.10	Joint	10°	Clean		Smooth - Planar	Medium	Slightly Weathered
6.30	Joint	10°	Clean		Smooth - Planar	Medium	Slightly Weathered
6.40	Joint	60-80°	Clean		Smooth - Planar	Close	Moderately Weathered
6.50	Joint	45°	Clean		Smooth - Undulating	Close	Moderately Weathered
6.60-6.70	Shear			Soft / Loose	Smooth - Planar	Extremely Close	Highly Weathered
6.75	Joint	70-80°	Clean		Smooth - Planar	Close	Moderately Weathered
6.80	Joint	10°	Clean		Smooth - Undulating	Medium	Moderately Weathered
6.90	Joint	15°	Clean		Smooth - Planar	Medium	Moderately Weathered
7.15	Joint	80°	Clean		Smooth - Planar	Very Close	Moderately Weathered
8.80	Joint	15°	Clean		Smooth - Undulating	Medium	Slightly Weathered
9.00	Joint	15°	Clean		Smooth - Undulating	Medium	Slightly Weathered