

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

LOCATION Ch. 17130, 13m left of centreline
34888.922N, 45184.199E

HOLE No. 343

REF. 114991

DATUM

JOB No. 140/GSD/UNX2.1 PROJECT No. 1/454

DATE 6/2/81 SURFACE R.L. -3.5

TYPE .. Hollow Auger

Depth
(m)

24

Casing

0.0 - 4.50

Depth
(m)

OF
DRILLING NMLC

Coring

28.3 - 60.37

Depth
(m)

IX Casing

$$0.0 - 24.0$$
Depth:
(m)[illegible]

REMARKS ** No sample recovered.

GEOLOGICAL

ENGR.

APPR.

S.P.T.
50

☒ Core Loss

WEATHERED
CONDITION

☐ Extremely
☐ Weathered
☐ Highly

☐ Moderately
☐ Weathered
☐ Slightly

Water Level

NOTE
FOR OTHER SYMBOLS

ENGINEERING BORE LOG

(P) 13/79

Sheet 3 of 6

HOLE No. B43 (cont.)

REF: W4991

DATUM AFD

SURFACE R.L.

PROJECT No. 1/1854

DATE _____

Hollow Auger

Depth
100

INDEX

Casing

0.00 - 24.00

Depth
(m)

Coring

Depth
(m)Depth
(m)

ENGINEERING PROPERTIES				GRAPHIC LOG	FIELD SAMPLE & N VALUE	Depth & RL ()	STRATA DESCRIPTION	
MC () x	DD (1/m ³) 0	PARAMETERS & INDICES				1-50	SOIL TYPE	LITHOLOGY
x 0	x 0	x 0	x 0			20-00	OR WEATHERING	
						(-23.50)		

GEOL.

ENGR.

APPR.

S.P.T.	Core Loss
50 mm	
Tube	

WEATHERED
CONDITION

☐ Extremely
☐ Weathered
☐ Highly

☐ Moderately
☐ Weathered
☐ Slightly

Water Level
▽

NOTE
FOR OTHER SYMBOLS
SEE APPENDIX I

MAIN ROADS DEPARTMENT ENGINEERING BORE LOG
PROJECT GULLAY BRIDGE

Form 23 ZL (d)

(P) 13/79

Sheet 4 of 6

HOLE No. B43 (cont.)

REF. H4991

DATUM AID

SURFACE R.L.

LOCATION

JOB No.

PROJECT No. 1/454

DATE

TYPE
OF
DRILLING

Hollow Auger

Depth
(m)

Casing

Depth
(m)

Coring

Depth
(m)

Depth
(m)

ENGINEERING PROPERTIES		STRUCTURE	GRAPHIC LOG	CORE REC. % R.Q.D. (%)	Depth & R.L. () 1.50 30.00 (-33.50)	STRATA DESCRIPTION	
Intact Strength	Defect Spacing					SOIL TYPE OR WEATHERING	LITHOLOGY
100 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100	100 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100	Crush seam, low strength gravelly clay.		(22) 69		MODERATELY WEATHERED (CONT.) Defect surfaces clean except in shear zones, crush seams. Defects dip sub-vertical and parallel to bedding.	Medium grained cross bedded sedimentary rocks.
				(12) 50			
				(12) 61			
				(21) 56			
				(24) 100			
		Mudstone bed.		(45) 86			
		Crush seam fragments of sandstone, mudstone in low strength sandy clay matrix.		(0) 66			
				(0) 100			
				(15) 100	38.5 (-41.0)	MODERATELY WEATHERED Defects dip parallel to bedding (0-20°) or subhorizontal.	SANDSTONE AND SLATES
		Shear zone, intersecting defects dipping 60° and sub-horizontal, clay coated. Rock fragments mostly		(0) 68	2		

REMARKS

GEOL.
APPR.

ENGR.

S.P.T. Core Loss
mm

WEATHERED
CONDITION

Extremely
Weathered
Highly

Moderately
Weathered
Slightly

Water
Level

NOTE
FOR OTHER SYMBOLS
SEE APPENDIX I

Sheet 5 of 6

HOLE No. 345 (cont.)

REF. 14991

DATUM AFD

SURFACE R.L.

LOCATION

JOB No.

PROJECT No. 1/454

DATE _____

TYPE
OF
DRILLING

Hollow Auger

Depth
(m)

Casing

Depth

Coring

Depth
(m)Depth
(m)

ENGINEERING PROPERTIES											STRUCTURE	LOG GRAPHIC	CORE REC. % R.Q.D. (%)	Depth & R.L. () 1:50 40.00	STRATA DESCRIPTION	
Intact Strength					Defect Spacing										SOIL TYPE OR WEATHERING	LITHOLOGY
EH	VH	H	N	VL	VC	VO	CV	CS	SW	VW						
											low strength clayey.		(0) 100	(-43.50) 43.1 (-46.6)	<u>MODERATELY WEATHERED (CONT.)</u> Defect planes coated with approx. 2mm sandy clay except in shear zones.	Fine grained sandstone containing beds of shale to 20mm thick.
											Shear zone, intersecting sub-vertical defects coated with up to 10mm clay. Rock fragments low strength, clayey.		(0) 100			
											Crush seam, fragments of mudstone to 50mm in low strength gravelly clay.		(0) 79			
											Shear zone, sub-vertical defects clay coated.		(0) 89	(17) 99	<u>SLIGHTLY WEATHERED</u> Dark grey, defects dip subhorizontal and 60° to sub-vertical. Defect surfaces fresh except in shear zones and crush seams.	Type Grained massive sedimentary rock.
											Shear zone, closely spaced sub-vertical defects, clay coated.		(17) 74			
											Shear zone, closely spaced sub-vertical defects, clay coated.		(50) 100			

REMARKS

GEOL.

ENGR.

APPE.

☒ S.P.T. ☒ Core Loss

WEATHERED
CONDITION

☐ Extremely
☐ Weathered
☐ Highly

☐ Moderately
☐ Weathered
☐ Slightly

Water Level

NOTE
FOR OTHER SYMBOLS
SEE APPENDIX I

MAIN ROADS DEPARTMENT ENGINEERING BORE LOG
PROJECT GATEWAY BRIDGE

FORM 2022 (10)
(P) 13/79

Sheet 6 of 6

HOLE No. 2/45 (cont.)

REF. H4991

DATUM AHD

SURFACE R.L.

LOCATION

JOB No.

PROJECT No. 1/154

DATE

TYPE
OF
DRILLING

Hollow Auger

Depth
(m)

Casing

Depth
(m)

Coring

Depth
(m)

Depth
(m)

ENGINEERING PROPERTIES		STRUCTURE	GRAPHIC LOG	CORE REC. % R.Q.D () %	Depth & R.L. () 1-50 50-100	STRATA DESCRIPTION	
Intact Strength	Defect Spacing					SOIL TYPE OR WEATHERING	LITHOLOGY
mm	mm						
		Shear zone, sub- vertical inter- secting defects, clay coated.		(15) 100	(-55.50)	SLIGHTLY WEATHERED (CONT.) Dark grey. Defects dip subhorizontal and 60° to subvertical. Defect surfaces fresh except in shear zones or crush seam.	
				(24) 100			
				(22) 100			
				(69) 100			
				(0) 100			
		Crush seam, fragments of mudstone to 40mm in gravelly clay matrix.		(0) 100		MUDSTONE (CONT.)	
				(0) 100			
		Shear zone, intersecting defects, clay coated.		(20) 100			
		Shear zone, defects dip sub- horizontal and 45°, clay coated.		(0) 100			
				(31) 82			
		Brown carbonate bed.		(0) 42		SANDSTONE (CONT.)	
		Coal and carbon- aceous shale bands throughout		55	63.37		

S.P.T.
mm

Core Loss

WEATHERED
CONDITION

Extremely
Weathered
Highly

Moderately
Weathered
Slightly

GEOLOGICAL ENGINEERING
APPROVED

Water
Level

NOTE
FOR OTHER SYMBOLS