COPYRIGHT NOTICE

This geotechnical log and its associated data (the Document) is licensed by the Queensland Department of Transport and Main Roads under the <u>Creative Commons Attribution 4.0 Licence</u> (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://qgd.org.au/



ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/5-2009

BOREHOLE No	BH068
SHEET	_1_ of _2_
REFERENCE No	H10627

PROJECT No. FQS825 SURFACE RL 105130 PLUNGE DATE STARTED 109809 GRID DATUM MGA94 MC MC MC MC MC MC MC M	PROJECT	<u>BR</u>	UC	<u>E HIG</u>	HW.	<u> AY (COOROY - CURRA) SECTION A GEOTE</u>	CH	NIC	L INVESTIC	GATION			
1281/0A/901 HEIGHT DATUM APID BEARNO DATE COMPLETE 19896 DRILLER R. B. D. Delling	LOCATION												
Rel	PROJECT N								DATE ST	TARTED _	10/9/		
MATERIAL STREAMTH SACRED STREAMTH SACRED STREAMTH SACRED STREAMTH SACRED	JOB No	_128	3/10	A/901		HEIGHT DATUM _AHD BEARING			DATE COM	PLETED _	10/9/	09 DRILLER R & D Drilling	
Sity CLAY Red. PHYLLITE (XW) B Generally exhibits engineering properties of grey-brown, fron staining in parts, noist, sifft to very shift clayery still sity day of medium to high plasticity. C Becoming wet clayery silt. S.9.15 S.	(m) (m)	AUGER CASING WASH BORING	CORE DRILLING	()%	SAMPLE		LITHOLOGY	USC			GRAPHIC LOG	AND	SAMPLES
PHYLLITE (XW) B Cenerally exhibits engineering properties of grey-brown, fron staining in parts, moist, stiff to very stiff clays yell xill yold your medium to high plasticity. C C 5.9.15 SP B B Cenerally exhibits engineering properties of grey-brown, fron staining in parts, moist, stiff to very stiff clays yell xill yold your medium to high plasticity. C C 5.9.15 SP P Rock fabric visible in parts; occasionally contains fine grained sand. WW 15.23.301/25 SP P Rock fabric visible in parts; occasionally contains fine grained sand. WW 15.23.301/25 SP P Rock fabric visible in parts; occasionally contains fine grained, mainly foliation and lamination and lamination. © 30'. XW (alz / sit seams up to 200mm thick throughout. WW 100 SP	-			120 10						-		Driller's log only	
Becoming wet clayey silt. Becoming wet clayey silt. C C San Becoming wet clayey silt. D Becoming wet clayey silt. D Becoming wet clayey silt. E Rock fabric visible in parts, occasionally contains fine grained, mainly foliation and lamination. C San					Α				1				U50
PHYLLITE (XW) B Generally exhibits engineering properties of grey-brown, iron staining in parts, moist, stiff to very stiff clayey stiff valvey stiff clayer stiff to very stiff clayer stiff to very stiff clayer stiff to very stiff clayer stiff valvey stiff valvey stiff. SP SP B Generally exhibits engineering properties of grey-brown, first stiff to very stiff clayer stiff valvey stiff valvey stiff. SP SP C SP SP SP SP SP SP SP	1 1												
REMARKS LOGGED BY	_				В	Generally exhibits engineering properties							SPT
REMARKS LOGGED BY						stiff to very stiff clayey silt / silty clay of							
REMARKS LOGGED BY		Ц			С								SPT
REMARKS LOGGED BY	-3 - - -												
REMARKS LOGGED BY					D	Becoming wet clayey silt.		VIA					SPT
REMARKS LOGGED BY	4 							XVV					
REMARKS LOGGED BY	- - - - -5				Е				<u> </u>				SPT
REMARKS LOGGED BY	-6				F								SPT
REMARKS LOGGED BY	98.63			(0)				нw		- -			
REMARKS LOGGED BY	98.33					Grey-brown, fine grained, mainly foliation and lamination.		HW-				Jt, 2 x 35°, Ir. SR. O. Cl.	
REMARKS LOGGED BY	97.23									5		Clayey silt	
REMARKS LOGGED BY	-8					Brown, fine grained, foliated.						√ Jt, 0-10°, PI, SR, C and O, Cn	
REMARKS LOGGED BY	9					Defects mostly dip 10°, 30-35°, 80-90°, 70°, 40-50°.		MW		子		1000 to 1000 t	×
REMARKS LOGGED BY						smooth and open, clay infilled or red iron stained.						Is(50) = 0.46MPa	х
KEIWAKNO	10 95.13											Jt, 90°, PI, SR, O, (6(50) = 0.08MPa	0
		s										LOGGED BY	



ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/5-2009

BOREHOLE No _____BH068___

SHEET ___2__ of __2__

REFERENCE No ____H10627___

10 95.13 25.3 Rec % 8 100	OCATION PROJECT IOB No	No_FG	5825			site Right of Abut B			DATE STARTED _	10/9/		
100 (Cont'd) (As above) Clayey silt BZ — Clayey silt / FZ — Jt, 70°, PI, S, O, FeSt MC = 3.6%; UCS=5.93MPa UCS	(m)	AUGER CASING WASH BORING	SRILLING () %		SAMPLE		LITHOLOGY	USC		GRAPHIC LOG	AND TEST RESULTS	SAMPLES
MC = 3.6%; UCS=5.93MPa UCS	-11		100			(Cont'd)					Clayey silt BZ	
13 91.43 16 100	-12							MW			MC = 3.6%; UCS=5.93MPa Is(50) = 0.50MPa Is(50) = 0.34MPa — Jt, 45°, PI, SR, O, ChI, Clay	
100 13 15 16 16 16 16 16 16 16	-13 - 91.	43			X	(MW-SW) Dark grey fine grained foliated						x
-15 90.13 Rock core is brokdlig@ath_araling operations X drilling and hardling op	-14			-							Jt, 40-50°, PI, SR, O, FeSt Is(50) = 0.63MPa	
-16 -17 -17 -18 -19 -19	90.		100			As above.		MW			drilling and handling operations Thin quartz veins	х
-17 -18 -19	-16							1				
-18	-17								1			
	- 18 - 18											
	-19 								‡ ‡			

Project: Bruce Highway Upgrade (Cooroy - Curra) Section A

Borehole No: BH68
Start Depth: 6.50m
Finish Depth: 15.43m
Project No: FG5825
H No: 10627



