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 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 Arup". 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 Arup.

ARU	JP .			BH-1	SHEET 1	
Geotechr	ics CORED	BOREHOLE	RECORD	HOLE	OF 2	
PROJECT BUR	RNSIDE ROAD INTERCHANGE			LOCATION See Figure GROUND LEVEL	2	
CONTRACTOR	S & S McNae	ANGLE	90	LOGGED BY DMS/PFW		
DRILL MODEL	Hydrapower Scout	BEARING		DATE/S 14.3.89		1
MOUNTING	Truck	SIZE	100	14.3.03		

	DRI	LLING	8	STRATA		MATERIAL DE	SCRIPTION						DIS	CON	ITINUITIES
CASING RUN, REC. (%)	_		2,000		0	,	ROCK TYPE Size, Structure, Minor Components SIZE ESTIMATED ROCK STRENGTH SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE		SPECIFIC GENERAL DESCRIPTION						
ASIN.	WATER	SAMPLE TEST	R.L.	DEPTH	LEGEND	Colour, Grain Size, Structure, Minor Components		THER		ROCK TRENGTH		TYPE	GLE	THICKNESS (mm)	Planarity, Roughness,
RUC/	×		AHD	m	LE			Mr < E		30 E	_ _	A N	Ę.	Coating, Infill	
				0		- Silty CLAY: brown, low pl	asticity			T			Т		TOPSQIL _
				ľ		-	ustrerty								
-				1	3,.					-					
		N 25/10mm		0.05	-	11 → 1				-					_
		SPT Refusal	·	0 i 95	-	Interbedded SILTSTONE & TU	IFFACEOUS .			1	H				ROCK -
						 SANDSTONE, light grey & begoring 	rown,	HW		-					Defects mostly - joints &
												We	0	50	lamination partings at 30
-				_	_					-		We	0	50	40° _
-			_	2	_			EW		1	4	We	0	100	_
-				+	-					-		We	0	100	-
				T	-				١, ١	-		We	U	100	
				I				HW							_
_		yta d	_	3	_										
-			-	+ "	-	- 24				-					
		1 1 1			-	-				1 -		We	0	100	
-				+	-	_ CORE LOSS 400 mm				-	$H \cap H$				-
				4		-				#			_	_	-
_				- "	_			HW/		IT.		We	0	50	
-				-	-	•		MW		11-					
			-	+	-					-	-				_
			-	† .	-					-	Ш				-
		William Control		5						IT		Jo	70	5	-
_			-	1	_										
-			-	+	_			MW							
-			-	+	-					-		We	0	20	_
			-	6	_					1+	+				_
				Ī											-
_			_		_										
			_	-	-		igh.								
-			_	7	_	-				14	4				_
-			-		-							Jo	70	0	
					-					-					-
_														,	-
NO	TES			8			TVDE OF DIS			Щ					
0			n Arri	ve on s	ite s	et up in position	TYPE OF DIS Jo-JOINT				FIGL	RE			JOB
		2. 8.35 aı					Be-BEDDING Fo-FOLIATIO			NG					
		3. 9.15 a				at 0.95 m	CI-CLAY SEA	M							
	4	1. 3.40 pi	n Comp	lete co	ring	at 9.14 m	Cr-CRUSHED Sh-SHEARED	SEA	М						5387
							OII-ONEAHED	ZUNI							
						and Main Roads) 2020, CC BY 4.0.									

ARUP	BH-1	SHEET	2		
Geotechnics	CORED	BOREHOLE RECORD	HOLE	OF	2
PROJECT BURNSIDE R	LOCATION See Figure GROUND LEVEL	2			
CONTRACTOR S&S	McNae	ANGLE 90	LOGGED BY DMS/PFW		
DRILL MODEL Hydra	power Scout	BEARING	DATE/S		
MOUNTING Truck		SIZE 100			

SAMPLE TEST	AHD	m 8 9 9 14 10 - 10	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor TUFFACEOUS SANDSTONE: g1		₹ WEATHERING	ESTIMATE ROCK STRENGTI	1 HE H		DO TYPE	PECII BANGLE 70	THICKNESS (mm)	Planarity, Rough Coating, Infil Defect mostly joints at 30° 60° planar, ro	ness,
SAMPLE TEST		m 8 - 8 9 - 9 - 14	LEGEND	Colour, Grain Size, Structure, Minor			ROCK STRENGT	1	- m	Н				11
	AHD	. 8 - - - - 9 . 9.14	+	TUFFACEOUS SANDSTONE: gi	rey		<u> </u>	1 + + + 4 30		Jo				& – ough –
	-	- - - 9 - 9.14 - -	+	TUFFACEOUS SANDSTONE: gi	rey	MW	-	+		Jo	70	5	Defect mostly joints at 30° 60° planar, ro	- & - ough - -
		9.14 <u>-</u> - -	+	-				#						_
	-	- - - - 10	#			100		- 1"						-
	+	- 10 - 10	+					1						-
	+			_				1						-
	+		+					1						-
	+		+											-
	+	- 11	+				-	#						_
	1		+					1		ja .				_
		— ₁₂	1					$\frac{\mathbb{H}}{\mathbb{H}}$						-
	+		‡	£				1						_
	+		‡					#						-
	+		+				-	\dagger						_
	‡		‡					#			3			-
	+	-	+	-				\downarrow						_
	‡		+				-	#						-
	+		+		4.			#						-
	Ŧ		+					#						-
	‡		†					#						_
								1						-
ES	1				JO-JOINT BE-BEDDING F FO-FOLIATION CI-CLAY SEA WE-WEATHER CI-CRUSHED	PLANIN PA	E PARTING RTING EAM M	1	IGUF	Œ			^{ЈОВ}	
Ē	:S	:S		S	SS	TYPE OF DIS Jo-JOINT Be-BEDDING FO-FOLIATIO CI-CLAY SEA We-WEATHER Cr-CRUSHED	TYPE OF DISCON Jo-JOINT Be-BEDDING PLAN Fo-FOLIATION PA CI-CLAY SEAM We-WEATHERED S Cr-CRUSHED SEA	TYPE OF DISCONTINUITY JO-JOINT B9-BEDDING PLANE PARTING F0-FOLIATION PARTING	TYPE OF DISCONTINUTY Jo-JOINT Be-BEDDING PLANE PARTING Fo-FOLIATION PARTING CI-CLAY SEAM We-WEATHERED SEAM Cr-CRUSHED SEAM	TYPE OF DISCONTINUITY Jo-JOINT Be-BEDDING PLANE PARTING FO-FOLIATION PARTING CI-CLAY SEAM We-WEATHERED SEAM Cr-CRUSHED SEAM	TYPE OF DISCONTINUITY JO-JOINT Be-BEDDING PLANE PARTING FO-FOLIATION PARTING CI-CLAY SEAM WE-WEATHERED SEAM Cr-CRUSHED SEAM	TYPE OF DISCONTINUITY Jo-JOINT Be-BEDDING PLANE PARTING FO-FOLIATION PARTING CI-CLAY SEAM WE-WEATHERED SEAM Cr-CRUSHED SEAM	TYPE OF DISCONTINUTY Jo-JOINT Be-BEDDING PLANE PARTING Fo-FOLIATION PARTING CI-CLAY SEAM We-WEATHERED SEAM Cr-CRUSHED SEAM	TYPE OF DISCONTINUTY JO-JOINT Be-BEDDING PLANE PARTING FO-FOLIATION PARTING CI-CLAY SEAM We-WEATHERED SEAM

