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.

ARL	JP			BO	DREHOLE RECORD		3H31	4	SHEET 1 OF 3
CLIENT	DMR						GGED BY	MAJ	
PROJECT		СН МОТО	DRWA	GWB	ay-08 to 12-May-0				
CONTRACTOR	Ter	ratest			ANGLE Vertical		RILLED DATE ROUND LEVI		-
DRILL MODEL	Eds	son 3000			BEARING -		CATION		3 E 150470 N
DRILLER	Ter	ratest			HOLE DIAMETER 100mm ()		EVATION DATU		ian Height Datum
	1					CO	ORDINATE SYS	STEM Local G	Grid I
DRILLING	STRATA				MATERIAL DESCRIPTION		CONDITI	ON	OBSERVATION
			О				CONSIS	TENOV	
SAMPLE, TEST,	R.L.	DEPTH	SYMBOL	9	0011 77/05	WATER / MOISTURE	CONSIG	TENCT	SOIL ORIGIN
BIT, SUPPORT,			S P	LEGEND	SOIL TYPE Plasticity / Grain Size, Colour, Minor Components	ATE	COHESIVE	NON COHESIVE	STRUCTURE
ETC.			GROUP	=		≥8	SS ST ST ST	1	ETC.
	m	m	Ō		ASPHALT.	D		<u> </u>	FILL
	13.60	0.20		0.00	Sandy GRAVEL, medium dense, road base.	D	+		FILL
		+		0 0.0	<u> </u>	-			
		+		000	-	-			
SPTLS N=15 9;8,7		-		0.0	-	1			
9,0,7	-	-1		100	-	-			
		†		000		1			
	12.30	1.50	CL	200	Sandy CLAY (CL) firm to stiff grange brown, sand medium grained	- M			COHES
			OL.		Sandy CLAY (CL) firm to stiff, orange brown, sand medium grained, with with gravel fine grained angular.] "			30.120
		2			_]			
		ļ [*]		<u> </u>					
PTLS N=8				F					
4;4,4					-	1			
		-			-	_			
	10.80 -	3 3.00	SP		SAND (SD) loose medium grained brown with silt	M			NONCO
		-	52		SAND (SP) loose, medium grained, brown, with silt.	- 101			NONCO
		-			_	-			
		-			-	-			
		-			-	-			
	-	-4			-	-			
	9.50	4.30	00		Post Class CAND (20) have for the section of the	-	<u> </u>		NONCO
	'	†	SC	<u> </u>	Peaty Clayey SAND (SC) loose, fine to medium grained, black.	- M-W			NONCO
	9.20	4.60			Clayey SANDSTONE, fine to medium grained, extremely low strength, - extremely weathered, light grey-brown with gravel fine grained angular	W	†		SNDSTN
		_5			quartz, with 20mm brown coal seams. (properties of a dense to very]			
					− dense clayey SAND). -]			
PTLS N=31		_			-				
5;14,17					5 50 haaaming of intermediate placticity	-			
		-			5.60 becoming of intermediate plasticity	-			
	-	-6			-	-			
		+			-	-			
		+				-			
		†		[:::::	6.60 medium grained	-			
	'	†			-	-			
	-	7			-	1			
	'	<u> </u>				1			
						1			
]			
		8			_				
]				-				
PTLS N=36					<u>-</u>	_			
12;18,18					-	-			
						-			
	-	9			_	-			
		-			-	-			
	-	+			+	-			
		+			1	-			
		†			-	1			
				1					
OTES Hole Dia	mast-: 40	Omar- 4 C	1 4 4	do-4	150mm Auger to 7m. 100mm Washbore			JOB	

ARL	JP			ВС	DREHOLE RECORD	BH314			SHEET 2		
CLIENT PROJECT	DMR	CH MOTO	ORW/	Y UPG	BY D BY		MAJ GWB				
CONTRACTOR DRILL MODEL DRILLER	Ter Eds	ratest son 3000 ratest	n 3000 BEARING - LOCATION								ay-08 to 12-May-08 3.80m 8 E 150470 N Ilian Height Datum Grid
DRILLING		STRAT	ГА		MATERIAL DESCRIPTION	CONDITION			NC		OBSERVATION
SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Plasticity / Grain Size, Colour, Minor Components	WATER / MOISTURE	COHE		COH	NON HESIVE	LIU.
. SPTLS N=45 13;19,26		m	<u></u>		Clayey SANDSTONE, fine to medium grained, extremely low strength, extremely weathered, light grey-brown with gravel fine grained angular quartz, with 20mm brown coal seams. (properties of a dense to very dense clayey SAND). (continued) 10.80 pockets of CLAY (CH) black	-	<u>у о п</u>	Ø ≥ ±		₹Q>	SNDSTN
		- 13 - - - - 14 - - - - - 15			14.80 clay content increasing	W -					
SPTLS N=57* 18;56/295	-1.80 -	- 15.60 - 16 			Silty MUDSTONE, extremely low strength, extremely weathered, with sand fine grained and trace brown coal seams, properties of a CLAY (CH) Hard.	M				DB	MUD -
from 7m).44M	ueptn. (150mm Auger to 7m. 100mm Washbore						86015

ARU	JP)	BOREHOLE RECORD			BH31	SHEET 3		
CLIENT PROJECT	DMR			V LIDO	GRADE - WACOL TO DARRA	LOGGED BY CHECKED BY	MAJ GWB		
CONTRACTOR DRILL MODEL DRILLER	Ter Eds	ratest son 3000 ratest			ANGLE Vertical BEARING - HOLE DIAMETER 100mm ()	DRILLED DATE GROUND LEVE LOCATION ELEVATION DATUI COORDINATE SYS	L RL 13 32338 A Australi	BE 150470 N an Height Datum	
DRILLING		STRA	TA		MATERIAL DESCRIPTION	CONDITIO	ON	OBSERVATION	
SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH m	GROUP SYMBOL	LEGEND	SOIL TYPE Plasticity / Grain Size, Colour, Minor Components	WATER / MOISTURE S S S S S S S S S S S S S S S S S S S	NON COHESIVE	SOIL ORIGIN, STRUCTURE, ETC.	
. SPTLS N=67* 22;30/135	-	-			Silty MUDSTONE, extremely low strength, extremely weathered, with sand fine grained and trace brown coal seams, properties of a CLAY (CH) Hard. (continued) 20.00 without sand or coal seams	-		MUD	
	-	- 21 - -				- - -		-	
	-	22 				-		- - - -	
SPTLS N=67* 25;30/135	- - - -	- 23 - -			23.00 Drillers notes: very hard drilling	-		- - -	
-	-	- 24 - - -			 - -	-		- - - -	
- - -	-11.70	25 25.50			-	-		MUD	
-	-	26 			Sandy MUDSTONE, very low strength, extremely weathered, light yellow-brown, sand medium grained, properties of a Sandy CLAY (CH) Hard.	- M -		- WOD	
. SPTLS N=69* 26;30/130	-12.78 - -12.78 -	26.58			Borehole completed at 26.58m depth	- - - -		- - -	
	-								
	-	- 28 -			- - -	-		- - -	
-	-				- -	_		-	
	-	- - -			-				
NOTES Hole Diameter 100mm to 29.44m depth. (150mm Auger to 7m. 100mm Washbore from 7m to 29.44) Solution 100mm 4 to 29.44m depth. (150mm Auger to 7m. 100mm Washbore from 7m to 29.44)									