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.

CLIENT	DMR							AT	
PROJECT		Motorwa	y Upgi	rade Wa	acol to Darra	LOGGED BY AT - CHECKED BY GWB DRILLED DATE 08-Apr-			r-08
CONTRACTOR DRILL MODEL DRILLER	Eds	ratest son 3000 ratest			ANGLE Vertical BEARING - HOLE DIAMETER 100mm ()		ROUND LEV CATION EVATION DATI	3.05m 7 E 144160 N alian Height Datur Grid	
DRILLING		STRA	ТА		MATERIAL DESCRIPTION		CONDITION		OBSERVA
SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Plasticity / Grain Size, Colour, Minor Components	WATER / MOISTURE		NON COHESIVE	SOIL ORIO STRUCTL ETC.
	m	m	GP	000	GRAVEL (GP) loose to medium dense, subangular, grey brown mottle.		S S T S S		NONC
- - - - - - - - - -	- - 72.05 - - - - - -	- 1 1.00	SP		SAND (SP) medium dense, coarse to medium grained, brown, with trace sandstone.	-			NONC
- - - - - -	- - 70.05 - - - -	- 3 3.00	sc		Silty Clayey SAND (SC) loose to medium dense, grey brown mottle.	-			NONC
SPTLS N=7 3;4,3 -	- - - - 68.05 -	- 4 - - - - 5 5.00			4.00m - 5.00m brown red mottle, 4.50m Driller note: hard object - possibly cobbles or boulders	-	-		NONC
- - - - - - - - - - - - - - - - - - -		- - - - - - - - - - - 7			SAND, loose, with trace clay,.	-			NUNC
- 5/150s	- - - 65.05 -	- - - - 8 8.00	SM	· · · · · · · · · · · · · · · · · · ·	 steel scrap or boulder Silty SAND (SM) coarse to medium grained, dark brown, with gravel. 8.00m - 9.00m 	- - - -			NONC
- - - - - NOTES Hole Diar	- - 64.05 - - -	- - - 9 9.00 - -	SP	× · · × · · · · · · · · · · · · · · · ·	SAND (SP) medium dense, medium to coarse grained, dark brown, with trace gravel.	- - - - -			NONC

(c) State of Queensland (Department of Transport and Main Roads) 2020, CC BY 4.0. Please note copyright and limitation of liability notices on attached cover page.

ARU							OLE	AT	OF 2	
CLIENT PROJECT	DMR Ipswich	ch Motorway Upgrade Wacol to Darra						GWE		
CONTRACTOR		rratest	, -r.		ANGLE Vertical		RILLED DA ⁻ ROUND LE		pr-08 3.05m	
DRILL MODEL DRILLER	Eds	son 3000 rratest			LC	LOCATION 32087 E 144160 N ELEVATION DATUM Australian Height Datur				
					HOLE DIAMETER 100mm ()			SYSTEM Local		
DRILLING		STRA	TA		MATERIAL DESCRIPTION	CONDITION		TION	OBSERV	
			30L				CONS	SISTENCY		
SAMPLE, TEST, BIT, SUPPORT,	R.L.	DEPTH	SYM	LEGEND	SOIL TYPE	TER /	001/501/	NON	SOIL ORI	
ETC.			GROUP SYMBOL		Plasticity / Grain Size, Colour, Minor Components	WATER / MOISTURE	COHESIV		ETC	
SPTLS N=12	m 63.05	m 10.00	5 SW		SAND (SW) brown.		≶∽≖5×	┇┰╡┙ᢓ╺╞		
3;5,7		İ]				
-		ł			-	-				
-	00.05	1111 00			-	-				
	02.05 -	+ 11 11.00			Borehole completed at 11m depth	-				
-		+			-	-				
-		Ţ			-]				
ŀ	-	- 12			-	-				
[ļ			-	1				
-		ł			-	-				
-	-	- 13				1				
-		+			-	-				
		+			-	1				
ŀ		ļ			-	-				
-	-	- 14				1				
-		Į			-]				
-		+				1				
-	-	- 15				1				
-		ł				-				
		‡			-	1				
ŀ		+			-	-				
- -	-	- 16			- · · ·	1				
-		ł			-	-				
ŀ		+			-	1				
-	-	- 17				-				
		t			-	1				
-		Į			-]				
-		+				-				
-	-	+ 18 +				1				
-		+			-	-				
		‡			-	1				
-	-	- 19				-				
		ţ			-	1				
- - - - - - - - - - - - - - - - - - -		ł			-	-				
ŀ	.	+			-	-				

⁽c) State of Queensland (Department of Transport and Main Roads) 2020, CC BY 4.0. Please note copyright and limitation of liability notices on attached cover page.