## **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				BOREHOLE RECORD		BH108		0	OF 1	
CLIENT	DMR							MAJ	MAJ GWB	
	IPSWICH MOTORWAY UPGR						DRILLED DATE 28-I		ar-07	
CONTRACTOR DRILL MODEL DRILLER	Geodrill Modified truck Geodrill				ANGLE Vertical BEARING - HOLE DIAMETER 100mm ()		LOCATION 3156		36.80m 0 E 149872 N alian Height Datum Grid	
DRILLING	STRATA				MATERIAL DESCRIPTION		CONDITION		OBSERVAT	
Sample, test, Bit, support, Etc.	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Plasticity / Grain Size, Colour, Minor Components	WATER / MOISTURE		NON COHESIVE	SOIL ORIGI STRUCTUR ETC.	
			U	<u></u>	Sandy LOAM, with organics.				ТОР	
- - -	36.55	0.25	SP	- · - ·	Clayey SAND (SP) very loose, coarse grained, red, with angular medium gravel, Probable Fill.				NONCO	
	36.00 35.80 -	0.80	СН		Sandy CLAY (CH) firm, Probable Fill.	-			COHES	
SPT at 1.2m N 7;24/90		2 	SP		Clayey SAND (SP) medium dense, coarse grained, red, with angular - medium gravel, Probable Fill (Possible pocket of very dense material).	-			NONCO	
N 7;7,5	33.80 -		SW		Clayey SAND (SW) medium dense, fine to coarse grained, light brown, with trace ash, ironstaining, occasional band of angular coarse gravel, Probable Fill. 3.10m - 3.80m Red brown	-			NONCO	
SPT at 4.3m N 10;17,14	33.00	- 3.80 <b>4</b> 	ML MM		Sandy SILT (ML - MM) stiff, red grey green mottle, fine to coarse sand, – with roots, ironstaining, consistency increases with depth to very stiff at 5.2m.	-				
- - - -	-	- - 5 -		· ×· × · × · ×· · ×. · ×. × · × · × · × · ×	- 	-			COHES	
SPT at 5.79m N 19;50/280	30.90 30.70	5.90 6.10	MM	× ·× × ·× ·×	Gravelly Sandy SILT (MM) very stiff, orange, fine to coarse sand, with fine rounded gravel. 				COHES	
- -		+ - 7 -			- · · ·	-				
- - - -	- - -	- 			- 	-				
- - -	-	+ - - - -			- · · · ·	-				
-		-			- -	-				

(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.