## **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/

ID- 0156 This Information Document has been supplied by QML and is made available subject to the terms and conditions of the Deed of Disclaimer.

REPORT ON ELECTRIC FRICTION-SLEEVE CONE PENETROMETER (MAIN ROADS								
Test Method No. QMRD 151(B) Geomechanical Services REPORT No.2-407SE 888								
PROJECT GATEWAY ARTERIAL				SOUNDING No. CP34 REF. No. SE 888				
LOCATION	E 43534.531, N				DATUM		AHD	
at approx. Ch. 860 SURFACE RL 4.919 m JOB No. C13A/7260/1 PROJECT No. 2-407 DATE 4/9/89								
c	ONE RESISTANCE	q <sub>c</sub> (MPa)		DEPTH 00 (R.L.) (m) 44	STRATA DESCRIPTION	FRICTIO	N RATIO	F <sub>R</sub> (%)
<u>Ø 1 2</u>	3 4 5 6	5 7 8 <u>!</u>	9 10	5- 		0 2	4 6	8 10
				1.0	Start (3.91)			
				1.3				
				3.619)	Augered			
					Gravel fill			
				4.0				
<u> </u>				(0.92)	firm to stiff Clay			
				5.0 (-0.0B)				
				6.0	silty sand			
				(1.08)			$\rightarrow$	
							,	
<u>    </u>  -					Soft to firm Silty			
\ <u> </u>					clay	5		
					(more clayey at top and			
ξ					base)		<u></u>	
<u></u>								
						3		
				12.5		X		
				(-7.58)	finely interbedded			
				-	stiff claye			
					and sandy			
					silts.			
				15.6	N. D. G. and			+
				(-10.68	Refusal			
				1				
		+ $+$ $+$ $+$ $+$ $+$				┝─┼─┼	_ <u>_</u>	$\left\{ \begin{array}{c} \\ \\ \end{array} \right\} \rightarrow \left\{ \begin{array}{c} \\ \end{array} \right\} \rightarrow \left\{ \begin{array} \right\} \rightarrow \left\{ \begin{array}{c} \\ \end{array} \right\} \rightarrow \left\{ \begin{array}{c} \\ \end{array} \right\} \rightarrow \left\{ \begin{array} \right\} \rightarrow \left\{ \end{array} \right\} \rightarrow \left\{ \begin{array} \right\} \rightarrow \left\{ \left\{ \end{array} \right\} \rightarrow \left\{ \end{array} \right\} \rightarrow \left\{ \begin{array} \right\} \rightarrow \left\{ \end{array} \right\} \rightarrow \left\{ \left\{ \end{array} \right\} \rightarrow \left\{ \end{array} \right\} \rightarrow \left\{ \left\{ \end{array} \right\} \rightarrow \left\{ \end{array} \right\} \rightarrow \left\{ \left\{ \end{array} \right\} \rightarrow \left\{ \end{array} \right\} \rightarrow \left\{ \end{array} \rightarrow \left\{ \end{array} \rightarrow \left\{ \end{array} \right\} \rightarrow \left\{ \end{array} \rightarrow \left\{ \end{array} \rightarrow \left\{ \end{array} \right\} \rightarrow \left\{ \end{array} \rightarrow \left\{ \end{array} \rightarrow \left\{ \end{array} \right\} \rightarrow \left\{ \end{array} \rightarrow \left\{$
$\left  - \right  + \left  -$				-		┟╍┼╶╁╶┨		$\frac{1}{1} + \frac{1}{1} + \frac{1}{1}$
$\left  \begin{array}{c} \\ \\ \\ \\ \end{array} \right  \left  \begin{array}{c} \\ \\ \\ \end{array} \right  \left  \left  \left  \begin{array}{c} \\ \\ \\ \end{array} \right  \left  \left $				1				
		onal Association of Test Authorities, Australia	2. 2. 6.	]				
	Thi	s laboratory is registered by ( Association of Testing Auth	he	CHECKE	D BY DAM		Έ <u> 30/υ</u> Έ <u>γ</u> ημ	<u>189</u>   59
	Austra been terms	ina. The tests reported herein performed in accordance with of registration. This report n	nave h its nay	SIGNHI	D. F. Ma	் பாட சே	- <u>- apr</u>	t a r
This laboratory is registered by the National Association of Testing Authonities Australia. The tests reported herein have been performed in accordance with its terms of registration. This report may (c) State of Queensland (Department of Transport and Wall Read(S) 2020, CC BY 4.0. Please note copyright and limitation of liability notices on attached cover page.								