

COPYRIGHT NOTICE

This geotechnical log and its associated data (the Document) is licensed by the Queensland Department of Transport and Main Roads under the [Creative Commons Attribution 4.0 Licence](#) (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/>

REPORT ON
ELECTRIC FRICTION-SLEEVE CONE PENETROMETER

Test Method No. QMRD 151(B)



MAIN ROADS

Materials Branch, Herston
Geomechanical Services

REPORT No. 2-407SE 986

PROJECT GATEWAY ARTERIAL

SOUNDING No. CP65AR

REF. No. SE 986

LOCATION E42187.823, N44349.446

DATUM AHD

SURFACE RL 1.455 m

JOB No. C13A/7270/1

PROJECT No. 2-407

DATE 13/12/89

CONE RESISTANCE q_c (MPa)											DEPTH (R.L.) (m)	STRATA DESCRIPTION	FRICTION RATIO F_R (%)					
0	1	2	3	4	5	6	7	8	9	10			0	2	4	6	8	10
											0.0	Start						
											1.455							
											0.4	V. Soft Clay						
											(1.055)							
											1 m							
											2							
											3							
											3.7							
											(-2.245)	Hard Sandy Clay						
											4.13							
											(-2.675)	Refusal						



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration. This report may not be reproduced except in full.

CHECKED BY DB DATE 2/3/90
SIGNATORY D. F. Marks DATE 2/3/90
D. F. Marks