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# REPORT ON CONE PENETROMETER TEST

Client MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM

Project GATEWAY UPGRADE

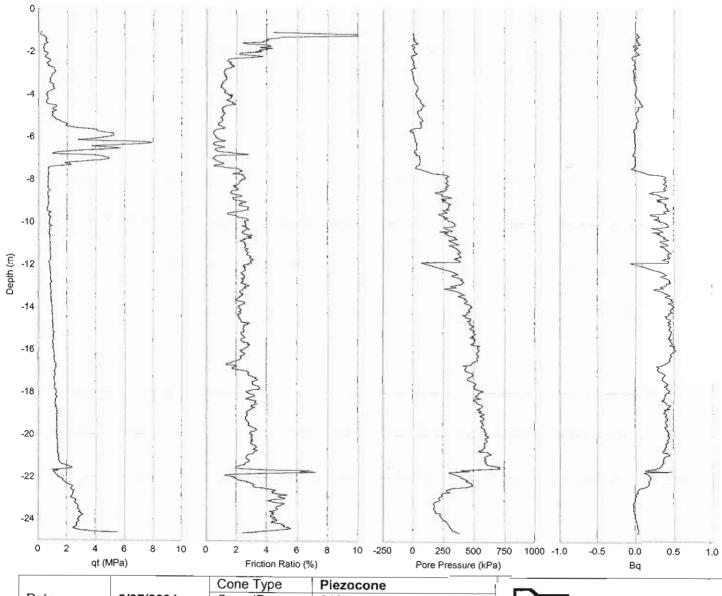
Job Ref. Location **E 9542.35 N 172433.00 SET DATUM** 

Chainage

Sounding CPTU141 Test Date 15/06/2004

Remarks Dissipation Tests @ 15.0 & 18.0m

Project No. Surface RL 1.550
Water Table 1.200
Start Depth 1.025
Refusal 24.625



|   |           | Cone Type   | Piezocone            |   |
|---|-----------|-------------|----------------------|---|
| Date                                    | 8/07/2004 | Cone ID     | 3167                 | LN_   |
| COLLAS                                  | M avr     | Factor "a"  | 0.580                | N <sup>A</sup> TX                                   |
| Checked                                 | My Delle  | Factor "b"  | 0.014                | NATA Accreditation Number 2302                      |
| C = C C C C C C C C C C C C C C C C C C | CXIA 1    | Test Method | Q151A                | NATA Endorsed Test Report                           |
| Signatory                               | CAMMARA   | Report No.  | FM2055/CPTU141/Q151A | This document may not be reproduced except in full. |

DEPARTMENT OF MAIN ROADS Road System & Engineering Geotechnical Branch 35 Butterfield St HERSTON QLD 4006



### REPORT ON CPTu DISSIPATION TEST

Client MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM

Project GATEWAY UPGRADE

Job Ref. Project No. FM2055

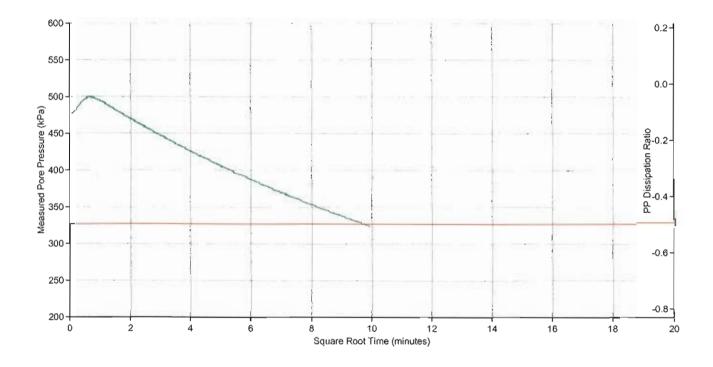
 Location
 E 9542.35
 N 172433.00
 SET DATUM
 Surface RL
 1.550

 Chainage
 Water Table
 1.200

 Sounding
 CPTU141D
 Start Depth
 1.500

Sounding CPTU141D Test Date 15/06/2004

Remarks Dissipation Tests @ 15.0 & 18.0m



| Depth (m)                  | 15.01 |
|----------------------------|-------|
| Start Pressure (kPa)       | 518   |
| Dissipation (%)            | 50    |
| Dissipation Pressure (kPa) | 327   |
| Time for Dissipation (min) | 92.2  |

| _         |           | Cone Type   | Piezocone             |   |
|-----------|-----------|-------------|-----------------------|---|
| Date      | 8/07/2004 | Cone ID     | 3167                  | N.  |
|           | M. IN     | Factor "a"  | 0.580                 | N <sup>A</sup> TX                                   |
| Checked   | Mina      | Factor "b"  | 0.014                 | NATA Accreditation Number 2302                      |
|           | (Do . C.) | Test Method | Q151A                 | NATA Endorsed Test Report                           |
| Signatory | (DW DI)   | Report No.  | FM2055/CPTU141D/Q151A | This document may not be reproduced except in full. |



1.550

# REPORT ON CPTu DISSIPATION TEST

Client MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM

Project **GATEWAY UPGRADE** 

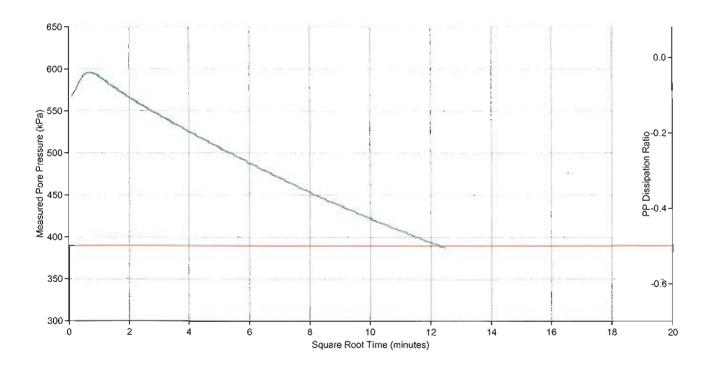
Job Ref. Project No. FM2055 Location E 9542.35 N 172433.00 SET DATUM

Surface RL Water Table 1.200 Chainage

Sounding CPTU141D Start Depth 1.500

Test Date 15/06/2004

Remarks Dissipation Tests @ 15.0 & 18.0m



| Depth (m)                  | 18.02 |
|----------------------------|-------|
| Start Pressure (kPa)       | 614   |
| Dissipation (%)            | 50    |
| Dissipation Pressure (kPa) | 389   |
| Time for Dissipation (min) | 151   |

|           |           | Cone Type   | Piezocone             |                            |
|-----------|-----------|-------------|-----------------------|----------------------------|
| Date      | 8/07/2004 | Cone ID     | 3167                  | N                          |
| Checked   | M. M      | Factor "a"  | 0.580                 | $\mathcal{N}_{\mathbf{A}}$ |
|           | MANN      | Factor "b"  | 0.014                 | A                          |
|           | 00.1      | Test Method | Q151A                 | NATA Endorse               |
| Signatory | Commonly  | Report No.  | FM2055/CPTU141D/Q151A | This document              |

