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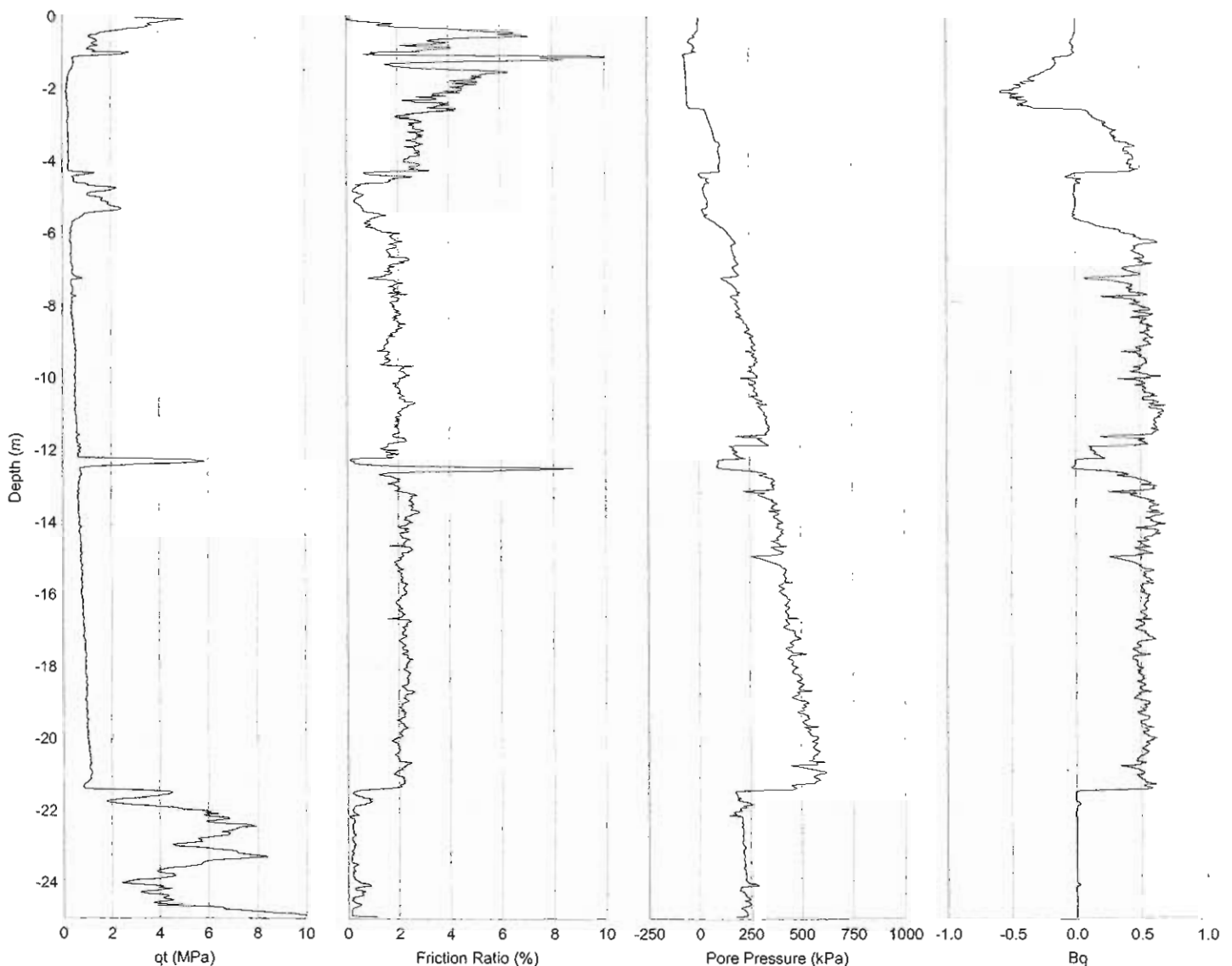
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## REPORT ON CONE PENETROMETER TEST

Client **MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM**  
Project **GATEWAY UPGRADE**  
Job Ref.  
Location **E 9537.86 N 172843.36 SET DATUM**  
Chainage  
Sounding **CPTU131**  
Test Date **9/06/2004**  
Remarks **Dissipation Tests @ 3.0, 5.1, 7.0, 10.0, 17.0, 17.5 & 23.0m**

Project No. **FM2055**  
Surface RL **1.630**  
Water Table **0.900**  
Start Depth **0.000**  
Refusal **24.950**



Date	7/07/2004	Cone Type	Piezocone
Checked		Cone ID	3167
Signatory		Factor "a"	0.580
		Factor "b"	0.014
		Test Method	Q151A
		Report No.	FM2055/CPTU131/Q151A



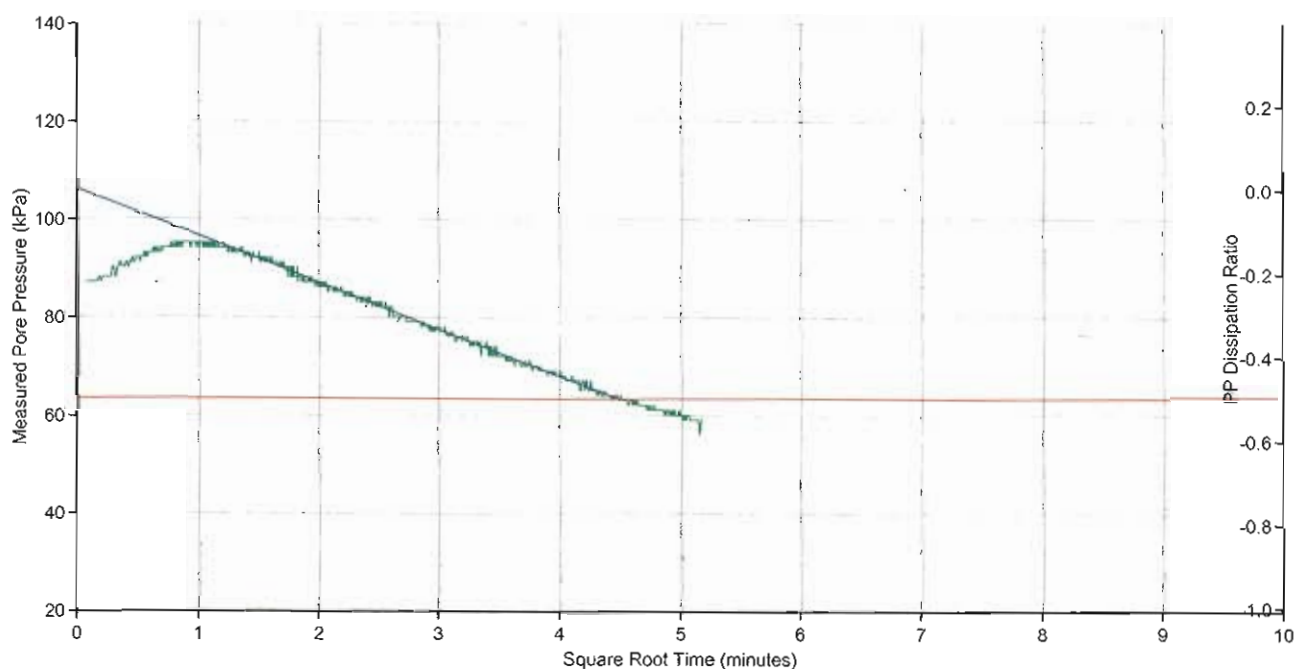
NATA Accreditation Number 2302

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## REPORT ON CPT<sub>u</sub> DISSIPATION TEST

Client **MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM**  
Project **GATEWAY UPGRADE**  
Job Ref.  
Location **E 9537.86 N 172843.36 SET DATUM**  
Chainage  
Sounding **CPTU131D**  
Test Date **9/06/2004**  
Remarks

Project No. **FM2055**  
Surface RL **1.630**  
Water Table **0.900**  
Start Depth **1.600**



Depth (m) **3.01**  
Start Pressure (kPa) **106**  
Dissipation (%) **50**  
Dissipation Pressure (kPa) **63**  
Time for Dissipation (min) **20.0**

Date	<b>7/07/2004</b>	Cone Type	<b>Piezocone</b>
Checked		Cone ID	<b>3167</b>
Signatory		Factor "a"	<b>0.580</b>
		Factor "b"	<b>0.014</b>
		Test Method	<b>Q151A</b>
		Report No.	<b>FM2055/CPTU131D/Q151A</b>



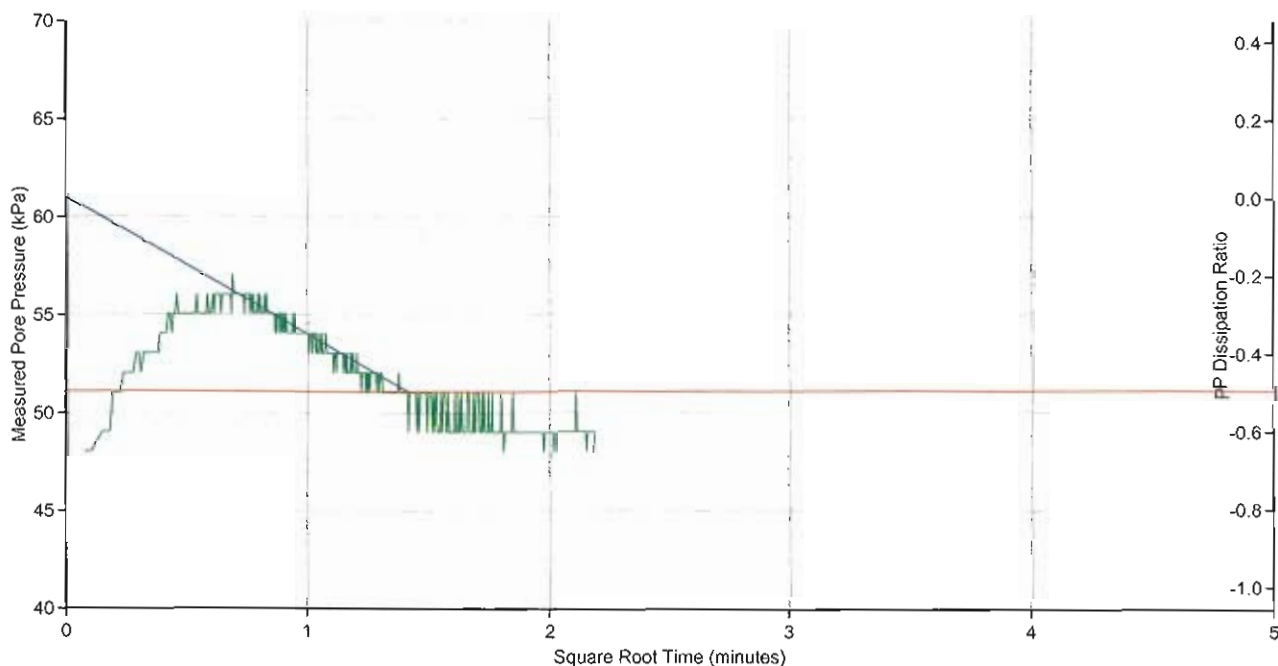
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## REPORT ON CPT<sub>u</sub> DISSIPATION TEST

Client **MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM**  
Project **GATEWAY UPGRADE**  
Job Ref.  
Location **E 9537.86 N 172843.36 SET DATUM**  
Chainage  
Sounding **CPTU131F**  
Test Date **23/06/2004**  
Remarks

Project No. **FM2055**  
Surface RL **1.630**  
Water Table **0.900**  
Start Depth **1.025**



Depth (m) **5.10**  
Start Pressure (kPa) **61**  
Dissipation (%) **50**  
Dissipation Pressure (kPa) **51**  
Time for Dissipation (min) **2.0**

Date	7/07/2004	Cone Type	Piezocone
Checked		Cone ID	3167
Signatory		Factor "a"	0.580
		Factor "b"	0.014
		Test Method	Q151A
		Report No.	FM2055/CPTU131F/Q151A



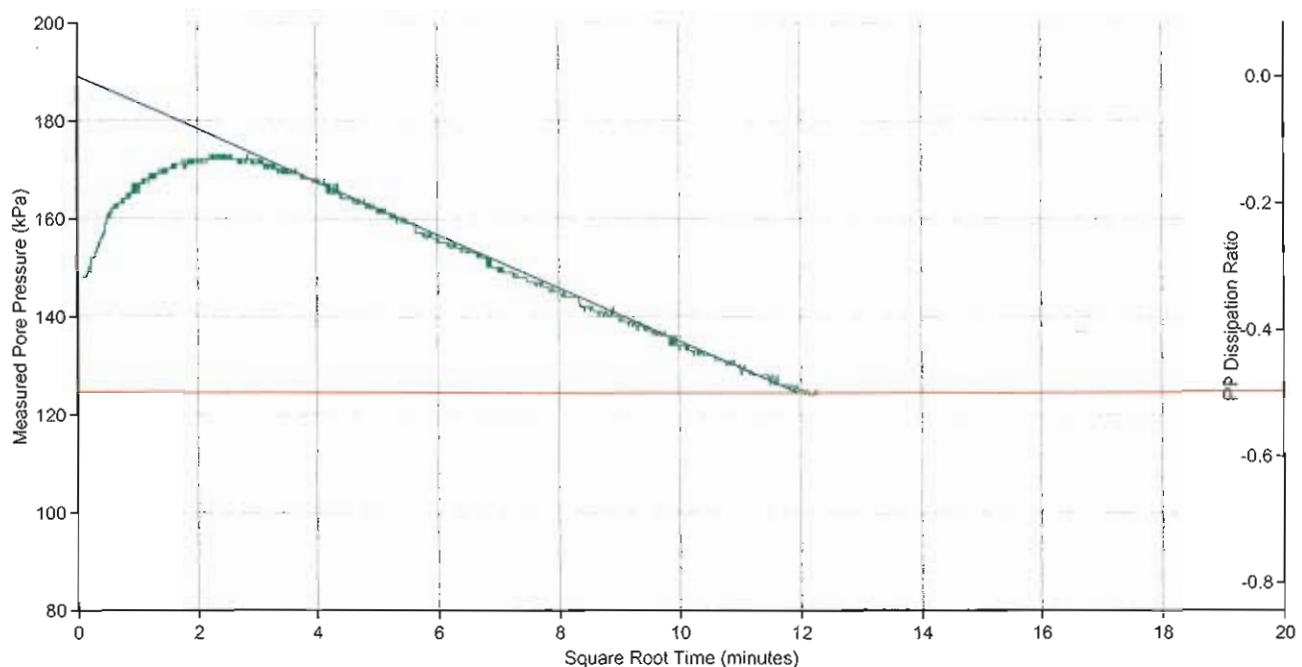
NATA Accreditation Number 2302

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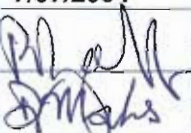

## REPORT ON CPT<sub>u</sub> DISSIPATION TEST


Client **MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM**  
Project **GATEWAY UPGRADE**  
Job Ref.  
Location **E 9537.86 N 172843.36 SET DATUM**  
Chainage  
Sounding **CPTU131F**  
Test Date **23/06/2004**  
Remarks

Project No. **FM2055**  
Surface RL **1.630**  
Water Table **0.900**  
Start Depth **1.025**



Depth (m) **7.00**  
Start Pressure (kPa) **189**  
Dissipation (%) **50**  
Dissipation Pressure (kPa) **124**  
Time for Dissipation (min) **143**

Date	7/07/2004	Cone Type	Piezocone
Checked		Cone ID	3167
Signatory		Factor "a"	0.580
		Factor "b"	0.014
		Test Method	Q151A
		Report No.	FM2055/CPTU131F/Q151A

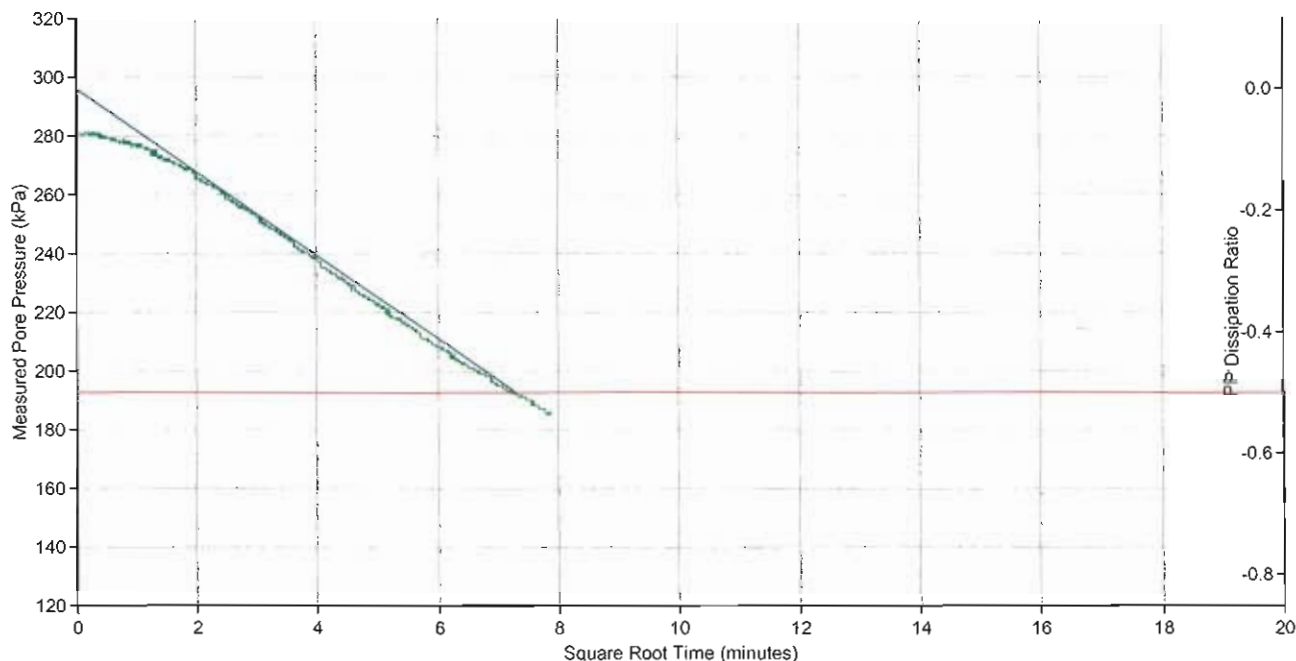
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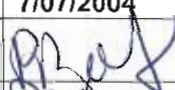

## REPORT ON CPT<sub>u</sub> DISSIPATION TEST

Client **MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM**  
Project **GATEWAY UPGRADE**  
Job Ref.  
Location **E 9357.86 N 172843.36 SET DATUM**  
Chainage  
Sounding **CPTU131E**  
Test Date **10/06/2004**  
Remarks

Project No. **FM2055**  
Surface RL **1.630**  
Water Table **0.900**  
Start Depth **2.000**



Depth (m) **10.00**  
Start Pressure (kPa) **296**  
Dissipation (%) **50**  
Dissipation Pressure (kPa) **193**  
Time for Dissipation (min) **53.0**

Date	7/07/2004	Cone Type	Piezocone
Checked		Cone ID	3167
Signatory		Factor "a"	0.580
		Factor "b"	0.014
		Test Method	Q151A
		Report No.	FM2055/CPTU131E/Q151A



NATA Accreditation Number 2302

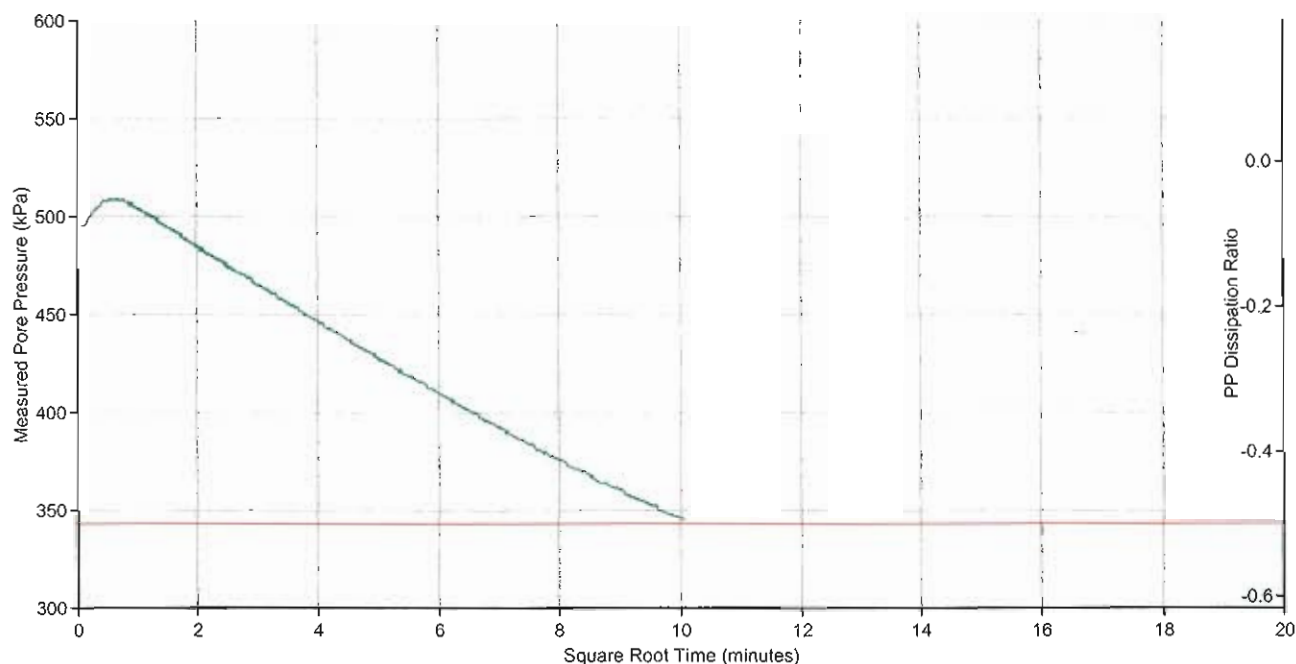
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## REPORT ON CPT<sub>u</sub> DISSIPATION TEST

Client **MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM**  
Project **GATEWAY UPGRADE**  
Job Ref.  
Location **E 9537.86 N 172843.36**  
Chainage  
Sounding **CPTU131G**  
Test Date **24/06/2004**  
Remarks

Project No. **FM2055**  
Surface RL **1.630**  
Water Table **0.900**  
Start Depth **7.000**



Depth (m) **16.99**  
Start Pressure (kPa) **528**  
Dissipation (%) **50**  
Dissipation Pressure (kPa) **343**  
Time for Dissipation (min) **102**

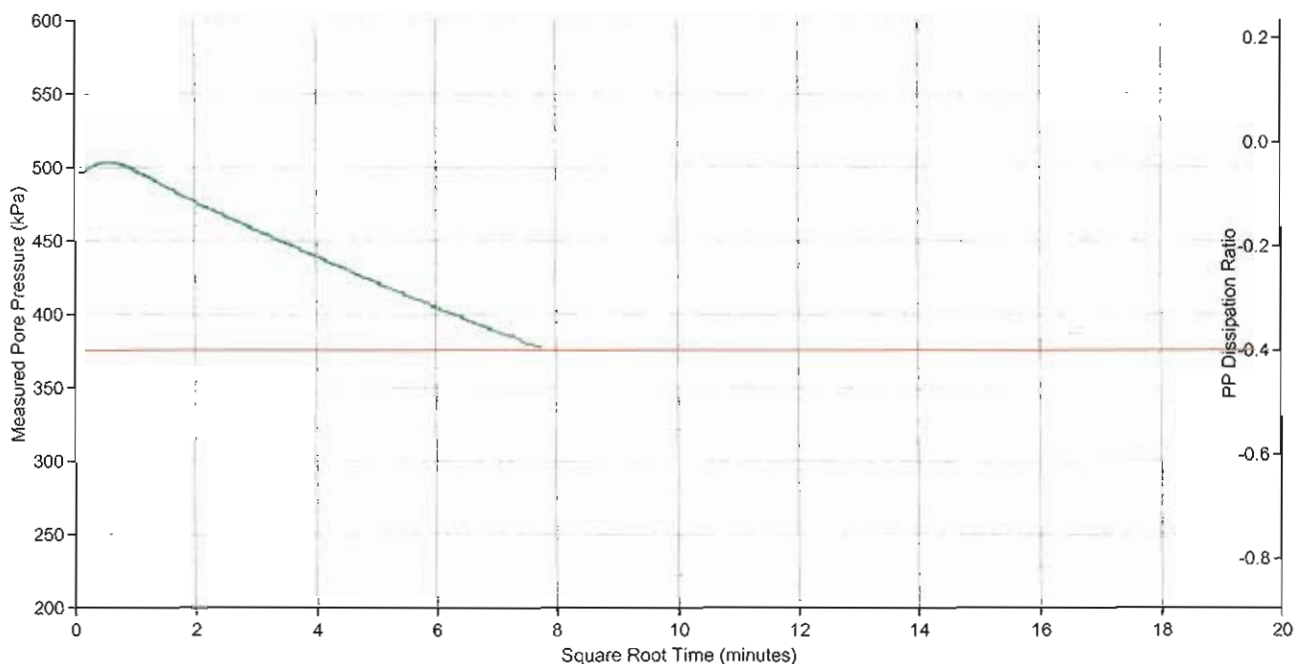
Date	<b>7/07/2004</b>	Cone Type	<b>Piezocone</b>	 <b>NATA Accreditation Number 2302</b> NATA Endorsed Test Report This document may not be reproduced except in full.
Checked	<i>[Signature]</i>	Cone ID	<b>3167</b>	
Signatory	<i>[Signature]</i>	Factor "a"	<b>0.580</b>	
		Factor "b"	<b>0.014</b>	
		Test Method	<b>Q151A</b>	
		Report No.	<b>FM2055/CPTU131G/Q151A</b>	

Program Version 4.03b (32bit)


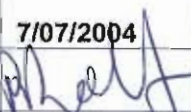

## REPORT ON CPT<sub>u</sub> DISSIPATION TEST

Client **MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM**  
Project **GATEWAY UPGRADE**  
Job Ref.  
Location **E 9357.86 N 172843.36 SET DATUM**  
Chainage  
Sounding **CPTU131E**  
Test Date **10/06/2004**  
Remarks

Project No. **FM2055**  
Surface RL **1.630**  
Water Table **0.900**  
Start Depth **2.000**



Depth (m) **17.50**  
Start Pressure (kPa) **517**  
Dissipation (%) **40**  
Dissipation Pressure (kPa) **375**  
Time for Dissipation (min) **59.3**

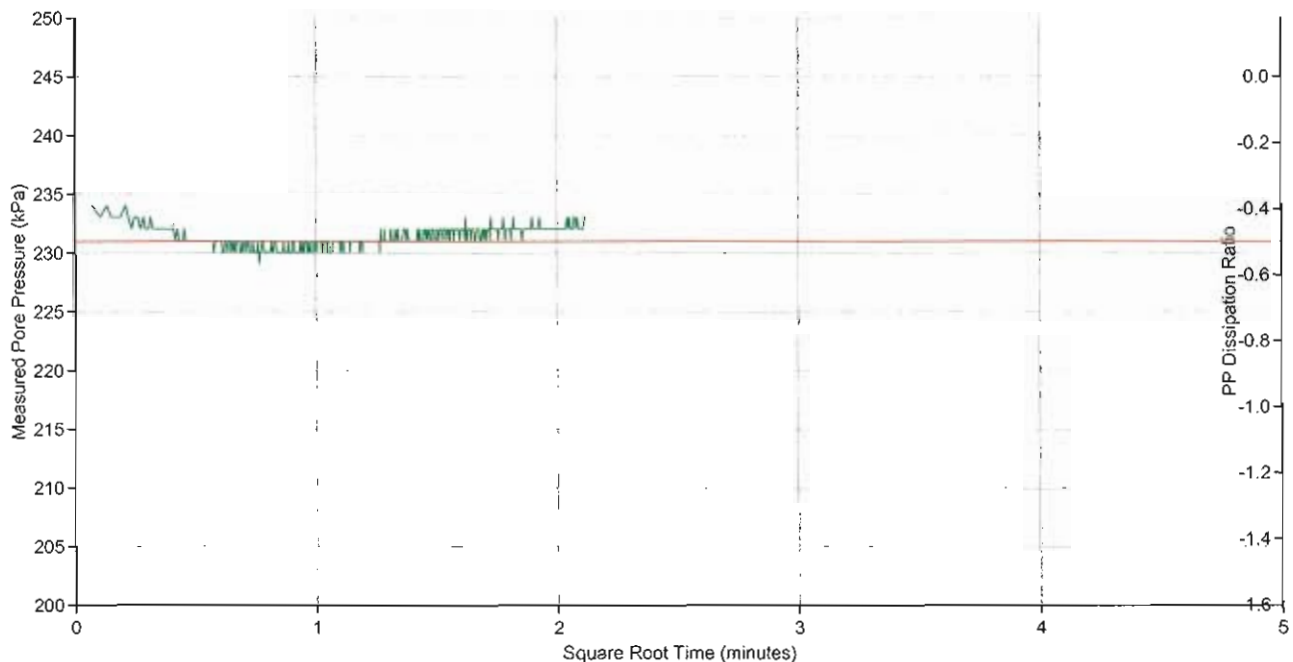
Date	<b>7/07/2004</b>	Cone Type	<b>Piezocone</b>	 <b>NATA Accreditation Number 2302</b> NATA Endorsed Test Report This document may not be reproduced except in full.
Checked		Cone ID	<b>3167</b>	
		Factor "a"	<b>0.580</b>	
		Factor "b"	<b>0.014</b>	
		Test Method	<b>Q151A</b>	
Signatory		Report No.	<b>FM2055/CPTU131E/Q151A</b>	

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## REPORT ON CPT<sub>u</sub> DISSIPATION TEST

Client **MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM**  
Project **GATEWAY UPGRADE**  
Job Ref.  
Location **E 9537.86 N 172843.36**  
Chainage  
Sounding **CPTU131G**  
Test Date **24/06/2004**  
Remarks

Project No. **FM2055**  
Surface RL **1.630**  
Water Table **0.900**  
Start Depth **7.000**



Depth (m) **23.02**  
Start Pressure (kPa) **245**  
Dissipation (%) **50**  
Dissipation Pressure (kPa) **231**  
Time for Dissipation (min) **0.3**

Date	7/07/2004	Cone Type	Piezocone	 <b>NATA Accreditation Number 2302</b> NATA Endorsed Test Report This document may not be reproduced except in full.
Checked	<i>[Signature]</i>	Cone ID	3167	
Signatory	<i>[Signature]</i>	Factor "a"	0.580	
		Factor "b"	0.014	
		Test Method	Q151A	
		Report No.	FM2055/CPTU131G/Q151A	

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