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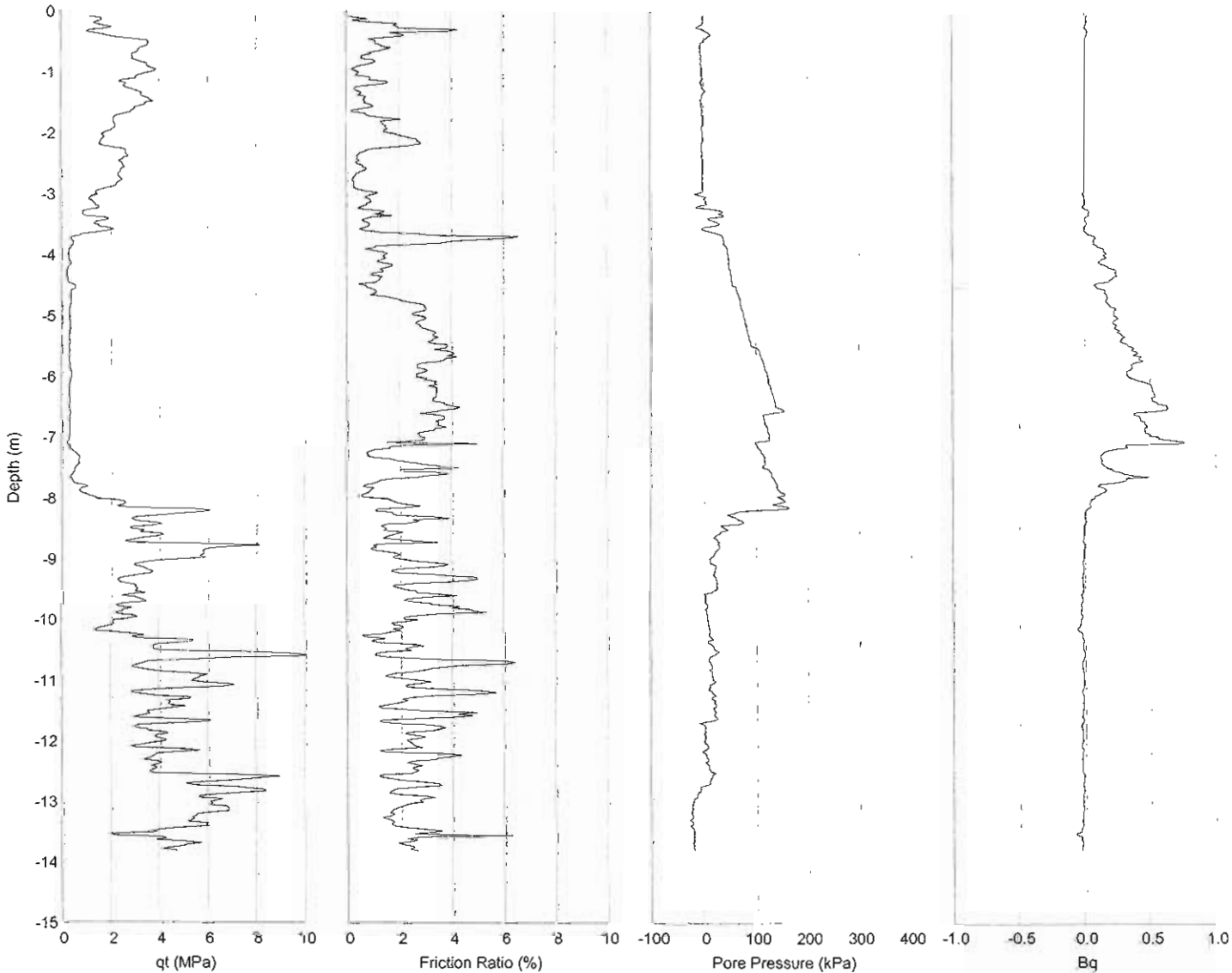
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REPORT ON CONE PENETROMETER TEST

Client	MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM			Project No.	FM2055
Project	GATEWAY UPGRADE			Surface RL	1.403
Job Ref.				Water Table	2.500
Location	E 8874.668	N 171638.563	SET DATUM	Start Depth	0.025
Chainage				Refusal	13.800
Sounding	CPTU160				
Test Date	02/11/2004				
Remarks	Dissipation Test at 7.0m				
	Water Table was not measured and is assumed.				



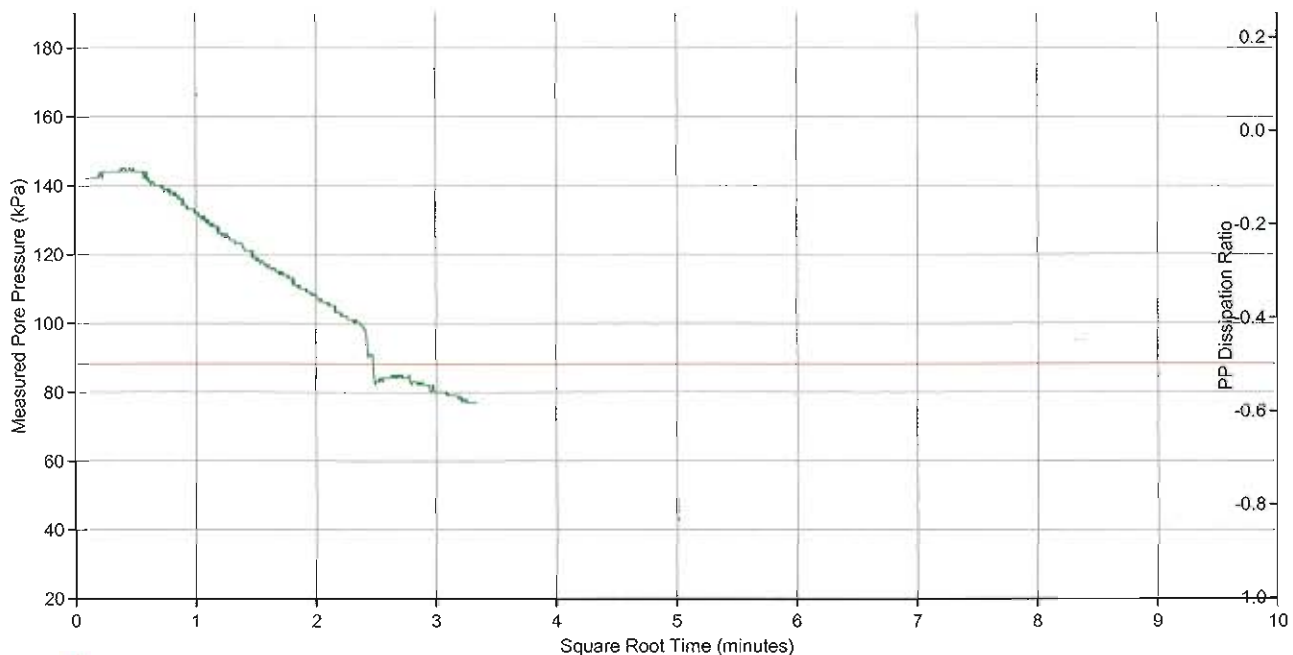
Date	08/11/2004	Cone Type	Piezococone
Checked		Cone ID	3167
Signatory		Factor "a"	0.580
		Factor "b"	0.014
		Test Method	Q151A
		Report No.	FM2055/CPTU160/Q151A

**NATA** Accreditation Number 2302  
NATA Endorsed Test Report  
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## REPORT ON CPT<sub>u</sub> DISSIPATION TEST

Client **MAIN ROADS - GATEWAY UPGRADE TEAM**  
Project **GATEWAY UPGRADE**  
Job Ref.  
Location **E 8874.668 N 171638.563**  
Chainage  
Sounding **CPTU160**  
Test Date **10/02/2005**  
Remarks **Dissipation Tests @ 3.5 & 5.5m**

Project No. **FG5389**  
Surface RL **1.403**  
Water Table **1.500**  
Start Depth **1.525**



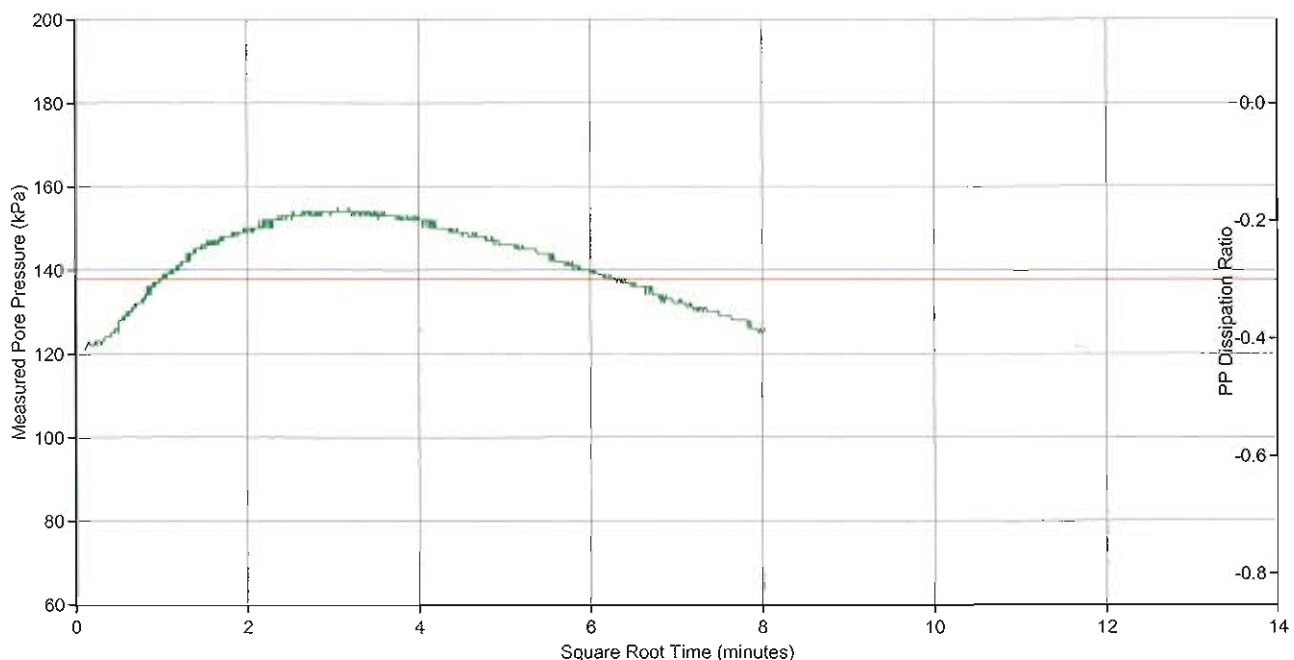
Depth (m) **3.58**  
Start Pressure (kPa) **156**  
Dissipation (%) **50**  
Dissipation Pressure (kPa) **88**  
Time for Dissipation (min) **6.8**

Date	<b>1/03/2005</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>FG5389/CPTU160/Q151A</b>	



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


Client **MAIN ROADS - GATEWAY UPGRADE TEAM**  
Project **GATEWAY UPGRADE**  
Job Ref.  
Location **E 8874.668 N 171638.563**  
Chainage  
Sounding **CPTU160**  
Test Date **10/02/2005**  
Remarks **Dissipation Tests @ 3.5 & 5.5m**

Project No. **FG5389**  
Surface RL **1.403**  
Water Table **1.500**  
Start Depth **1.525**



Depth (m) **5.51**  
Start Pressure (kPa) **180**  
Dissipation (%) **30**  
Dissipation Pressure (kPa) **138**  
Time for Dissipation (min) **39.7**

Date	<b>1/03/2005</b>	Cone Type	<b>Piezococone</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>FG5389/CPTU160/Q151A</b>

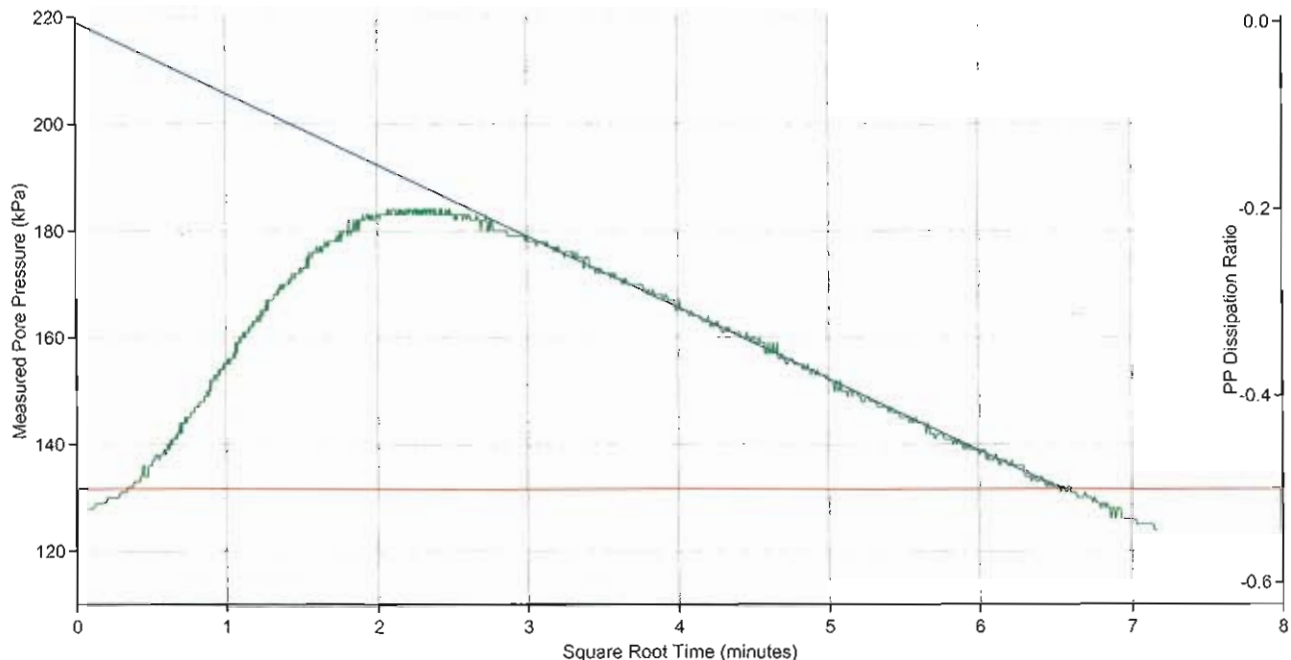


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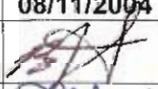
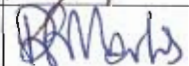
## REPORT ON CPTu DISSIPATION TEST


Client **MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM**  
 Project **GATEWAY UPGRADE**  
 Job Ref.  
 Location **E 8874.668 N 171638.563 SET DATUM**  
 Chainage  
 Sounding **CPTU160**  
 Test Date **02/11/2004**  
 Remarks **Dissipation Test at 7.0m**  
**Water Table was not measured and is assumed.**

Project No. **FM2055**  
 Surface RL **1.403**  
 Water Table **2.500**  
 Start Depth **0.000**



Depth (m) **7.00**  
 Start Pressure (kPa) **219**  
 Dissipation (%) **50**  
 Dissipation Pressure (kPa) **132**  
 Time for Dissipation (min) **43.0**

Date	<b>08/11/2004</b>	Cone Type	<b>Piezocone</b>
		Cone ID	<b>3167</b>
		Factor "a"	<b>0.580</b>
Checked		Factor "b"	<b>0.014</b>
		Test Method	<b>Q151A</b>
Signatory		Report No.	<b>FM2055/CPTU160/Q151A</b>

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