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REPORT ON CONE PENETROMETER TEST

Client MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM

Project GATEWAY UPGRADE

Job Ref.

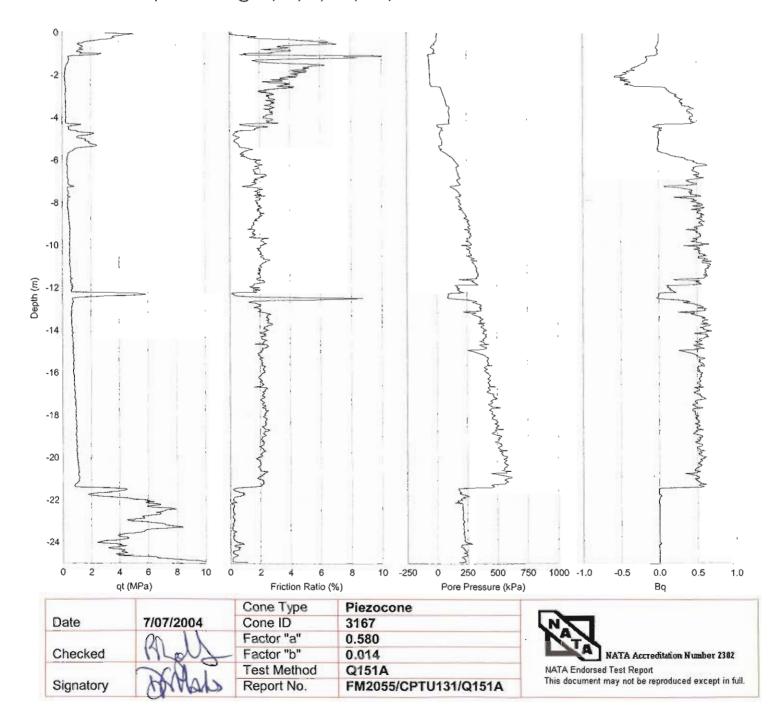
Location E 9537.86 N 172843.36 SET DATUM

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



Program Version 4.03b (32bit)



REPORT ON CPTu DISSIPATION TEST

Client

MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM

Project

GATEWAY UPGRADE

Job Ref.

Location

E 9537.86

N 172843.36 **SET DATUM** Project No. FM2055 1.630

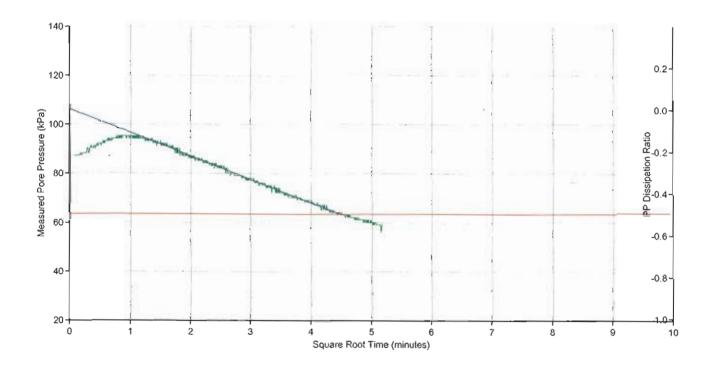
Surface RL

Chainage

Sounding **Test Date** CPTU131D 9/06/2004

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

		Cone Type	Piezocone
Data	7/07/0004		7.5
Date	7/07/2004	Cone ID	3167
	111	Factor "a"	0.580
Checked	MAN	Factor "b"	0.014
	Mall	Test Method	Q151A
Signatory	DUMPENIO	Report No.	FM2055/CPTU131D/Q151A

NATA Accreditation Number 2302 NATA Endorsed Test Report This document may not be reproduced except in full.



Surface RL

1.630

REPORT ON CPTu DISSIPATION TEST

Client MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM

N 172843.36

Project GATEWAY UPGRADE

Job Ref. Project No. FM2055

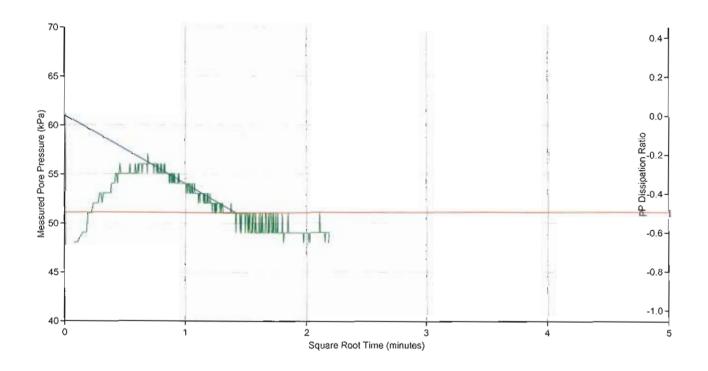
SET DATUM

Location **E 9537.86**Chainage

Chainage Water Table 0.900 Sounding CPTU131F Start Depth 1.025

Test Date 23/06/2004

Remarks



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 Cone ID	Piezocone 3167	
Checked	Much	Factor "al" Factor "b"	0.580	NATA Accreditation Number 2302
Signatory	& MANNE	Test Method Report No.	Q151A FM2055/CPTU131F/Q151A	NATA Endorsed Test Report This document may not be reproduced except in full.



REPORT ON CPTu DISSIPATION TEST

Client MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM

Project GATEWAY UPGRADE

Job Ref.

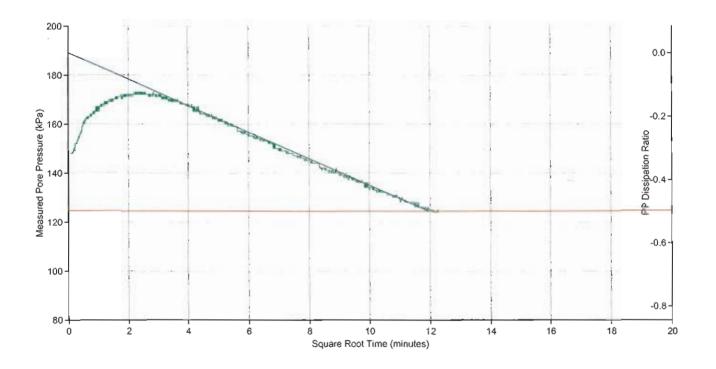
Location E 9537.86 N 172843.36 SET DATUM

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

		Cone Type	Piezocone
Date	7/07/2004	Cone ID	3167
	00 10	Factor "a"	0.580
Checked	14 00	Factor "b"	0.014
	CAN IN	Test Method	Q151A
Signatory	divians	Report No.	FM2055/CPTU131F/Q151A





REPORT ON CPTu DISSIPATION TEST

Client MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM

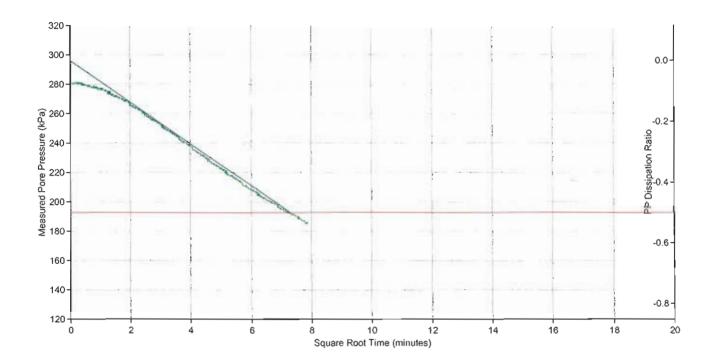
Project GATEWAY UPGRADE

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

		Cone Type	Piezocone
Date	7/07/2004	Cone ID	3167
	00 . 1	Factor "a"	0.580
Checked	MUNX	Factor "b"	0.014
	(DCA)	Test Method	Q151A
Signatory	AMMONIS	Report No.	FM2055/CPTU131E/Q151A





REPORT ON CPTu DISSIPATION TEST

Client MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM

Project GATEWAY UPGRADE

Job Ref.

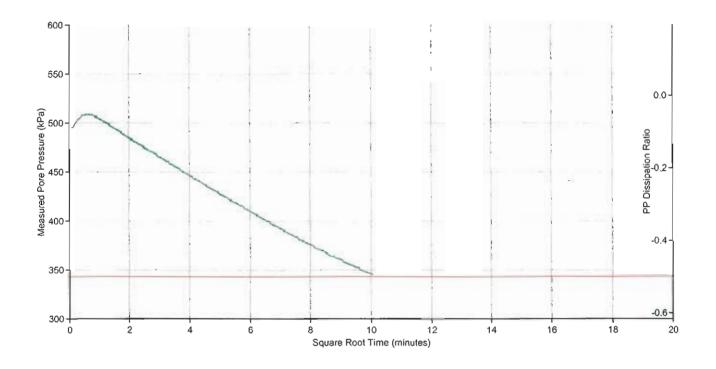
Location E 9537.86 N 172843.36

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

		Cone Type	Piezocone	C. (1982)
Date	7/07/2004	Cone ID	3167	N
	[9]	Factor "a"	0.580	NA-X
Checked	Whell	Factor "b"	0.014	NATA Accreditation Number 2302
	WAV.	Test Method	Q151A	NATA Endorsed Test Report
Signatory	devidados	Report No.	FM2055/CPTU131G/Q151A	This document may not be reproduced except in full.



REPORT ON CPTu DISSIPATION TEST

Client MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM

Project GATEWAY UPGRADE

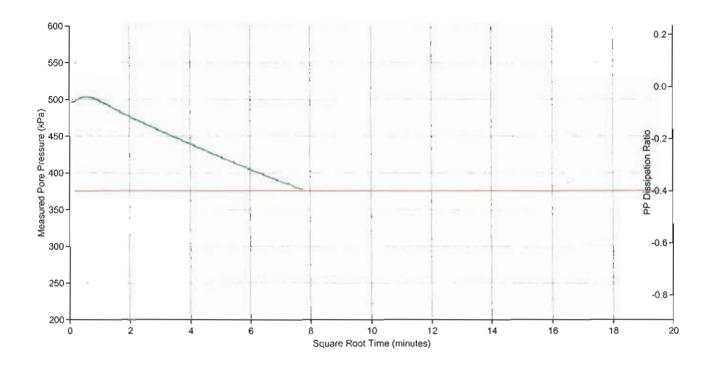
Job Ref. Location E 9357.86 N 172843.36 SET DATUM

Location E 9357.86 N 172843.36 SET DATU

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

	Laurence V	Cone Type	Piezocone	
Date	7/07/2004	Cone ID	3167	LNX
	DI 2017	Eactor "a"	0.580	NATX.
Checked	MYDUN	Factor "b"	0.014	NATA Accreditation Number 2302
	WW N	Test Method	Q151A	NATA Endorsed Test Report
Signatory	ANNO 102	Report No.	FM2055/CPTU131E/Q151A	This document may not be reproduced except in full.



REPORT ON CPTu DISSIPATION TEST

Client MAIN ROADS - GATEWAY UPGRADE PROJECT TEAM

Project GATEWAY UPGRADE

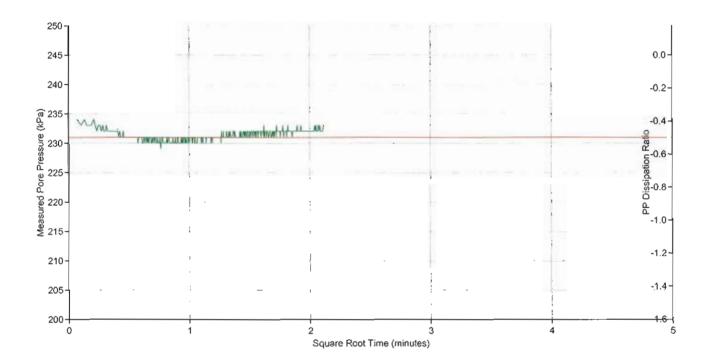
Job Ref. Project No. FM2055

 Location
 E 9537.86
 N 172843.36
 Surface RL 0.900
 1.630

 Chainage
 Water Table 0.900
 Ostart Depth 7.000
 7.000

Test Date 24/06/2004





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	NATA Accreditation Number 2302 NATA Endorsed Test Report This document may not be reproduced except in full.
		Cone ID 3167	3167	
Checked	Wholf	Eactor "a"	0.580	
		Factor "b"	0.014	
Signatory	Thomas	Test Method	Q151A	
		Report No.	FM2055/CPTU131G/Q151A	