

← Depth in m below ground level (G.L.)

— Corrected cone resistance (qt) in MPa —→

2 4 6 8 10 12 14 16 18 20 22 24 26 28 30

G.L. : 0.00 m

1.60 m Predrilled

Refusal Zero Drift ( u )

GWL Dipped onsite

150 cm<sup>2</sup>  
10 cm<sup>2</sup>



Test according A.S.T.M. Standard D 5778-07

Project : **NZTA WICI IPAA Underpass**

Location: **Buckle St - Wellington**

Date : **11-9-2012**

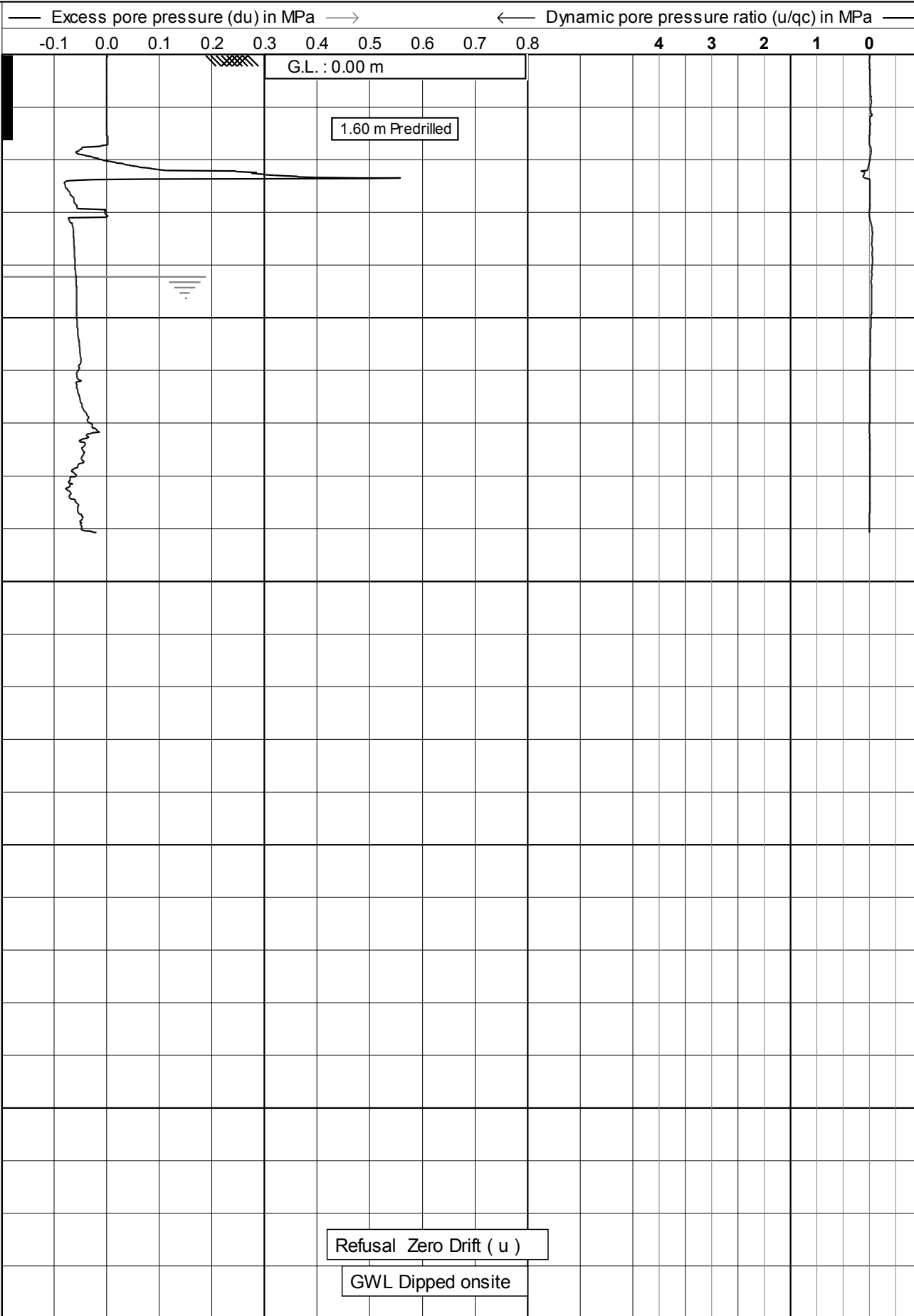
Cone no. : **C10CFIP.F56.cal**

Project no. : **02GD1**

CPT no. : **21**

**3/14**

← Depth in m below ground level (G.L.)



150 cm<sup>2</sup>  
10 cm<sup>2</sup>



Test according A.S.T.M. Standard D 5778-07

Project : **NZTA WICI IPAA Underpass**

Location: **Buckle St - Wellington**

Date : **11-9-2012**

Cone no. : **C10CFIIP.F56.cal**

Project no. : **02GD1**

CPT no. : **21**

**4/14**

← Depth in m below ground level (G.L.)

— Effective cone resistance ( $q_e$ ) in MPa —→

2 4 6 8 10 12 14 16 18 20 22 24 26 28 30

G.L. : 0.00 m

1.60 m Predrilled

Refusal Zero Drift ( u )

GWL Dipped onsite

150 cm<sup>2</sup>  
10 cm<sup>2</sup>



Test according A.S.T.M. Standard D 5778-07

Project : **NZTA WICI IPAA Underpass**

Location: **Buckle St - Wellington**

Date : **11-9-2012**

Cone no. : **C10CFIP.F56.cal**

Project no. : **02GD1**

CPT no. : **21**

**5/14**

← Depth in m below ground level (G.L.)

— Total vertical stress (rov,z) in kPa →

50 100 150 200 250 300 350 400 450 500 550 600 650 700 750

G.L. : 0.00 m

1.60 m Predrilled

Refusal Zero Drift ( u )

GWL Dipped onsite

--- Effective vertical stress (rov,z') in kPa →

100

200

300

400

500

600

700



Test according A.S.T.M. Standard D 5778-07

Project : **NZTA WICI IPAA Underpass**

Location: **Buckle St - Wellington**

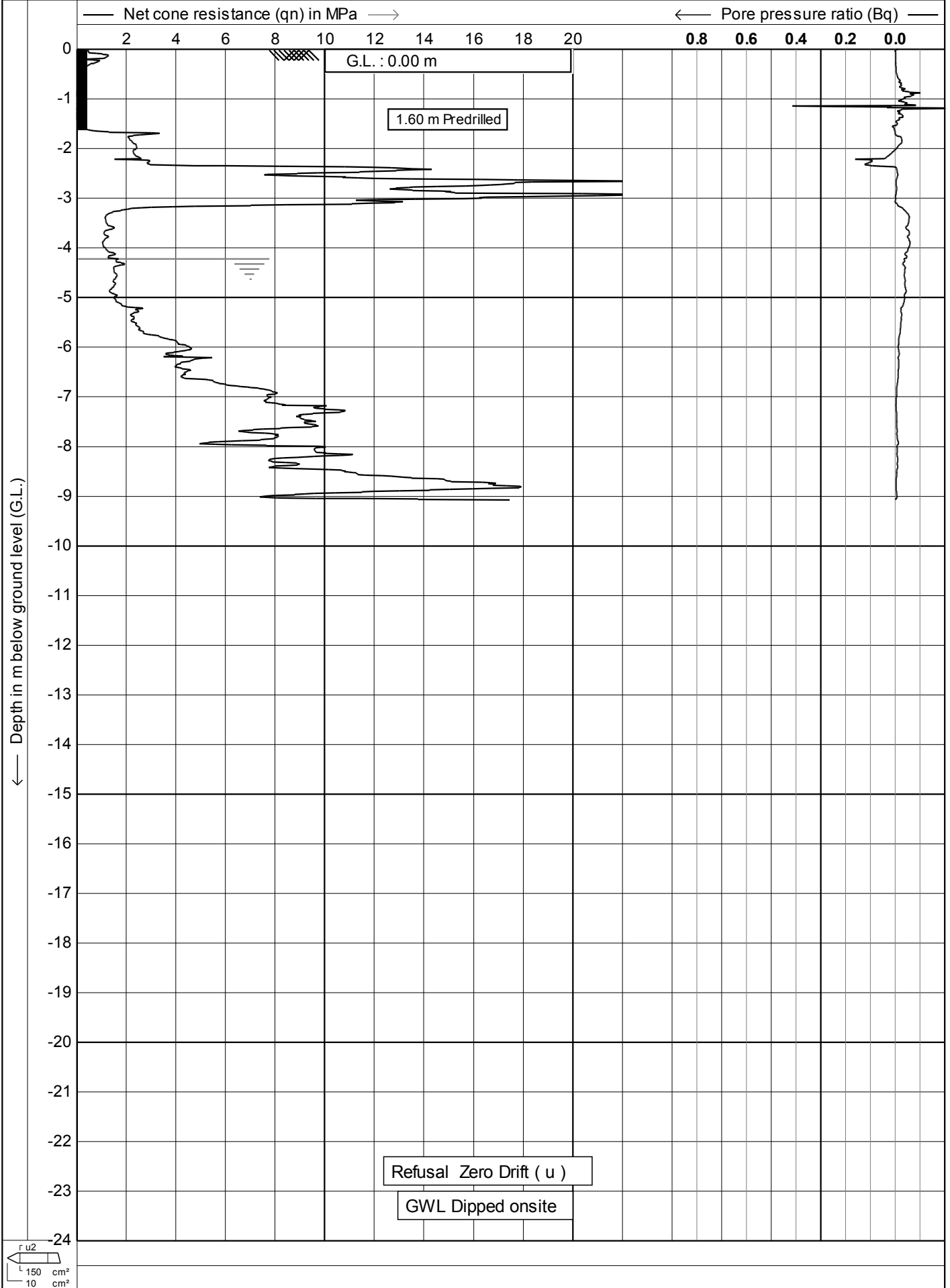
Date : **11-9-2012**

Cone no. : **C10CFIP.F56.cal**

Project no. : **02GD1**

CPT no. : **21**

**6/14**



Test according A.S.T.M. Standard D 5778-07

Project : **NZTA WICI IPAA Underpass**

Location: **Buckle St - Wellington**

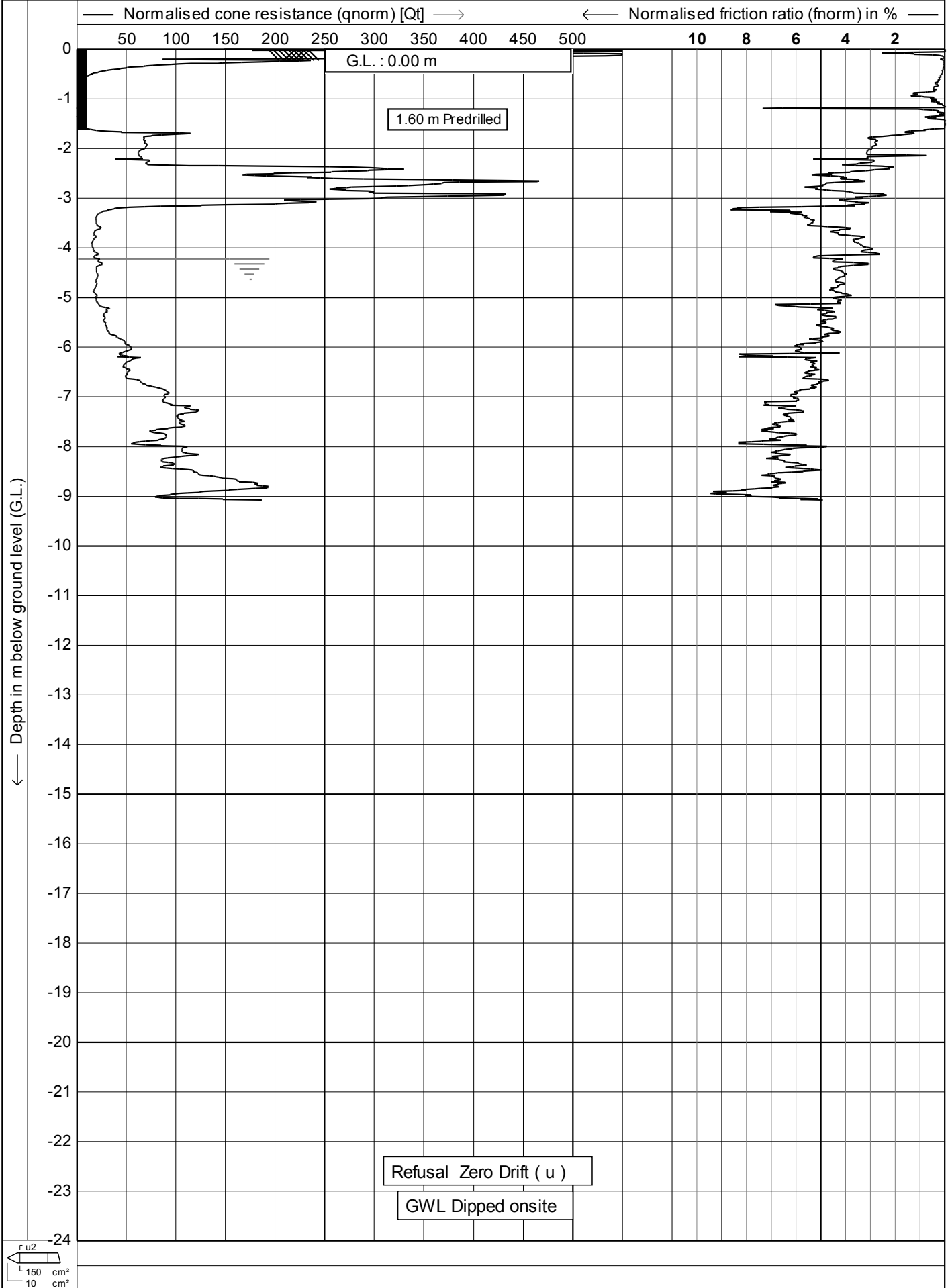
Date : **11-9-2012**

Cone no. : **C10CFIP.F56.cal**

Project no. : **02GD1**

CPT no. : **21**

**7/14**



Test according A.S.T.M. Standard D 5778-07

Project : **NZTA WICI IPAA Underpass**

Location: **Buckle St - Wellington**

Date : **11-9-2012**

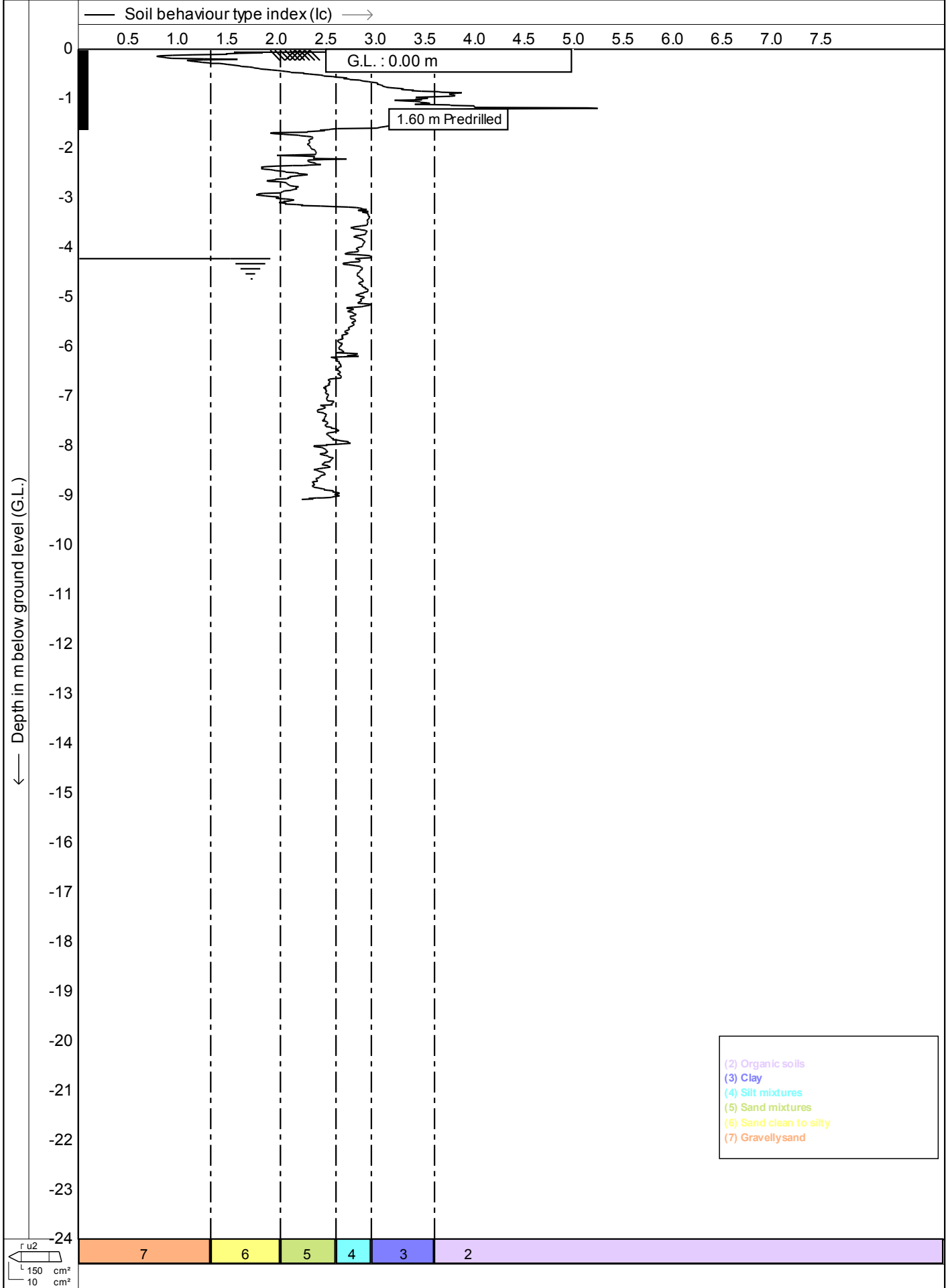
Cone no. : **C10CFIP.F56.cal**

Project no. : **02GD1**

CPT no. : **21**

**8/14**





Test according A.S.T.M. Standard D 5778-07

Date : 11-9-2012

Cone no. : C10CFIIP.F56.cal

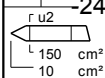
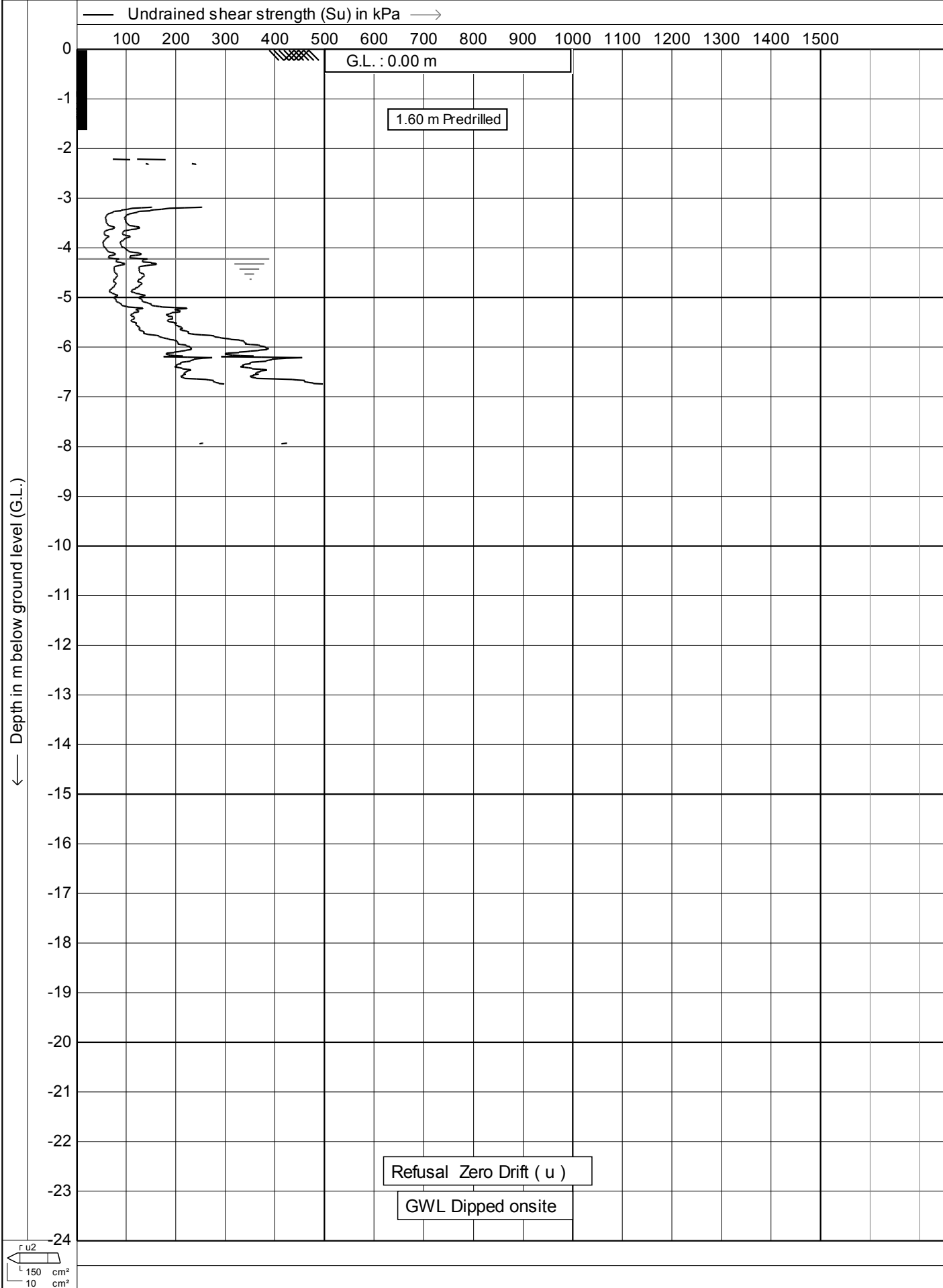
Project : NZTA WICI IPAA Underpass

Project no. : 02GD1

Location: Buckle St - Wellington

CPT no. : 21

9/14



Test according A.S.T.M. Standard D 5778-07

Project : **NZTA WICI IPAA Underpass**

Location: **Buckle St - Wellington**

Date : **11-9-2012**

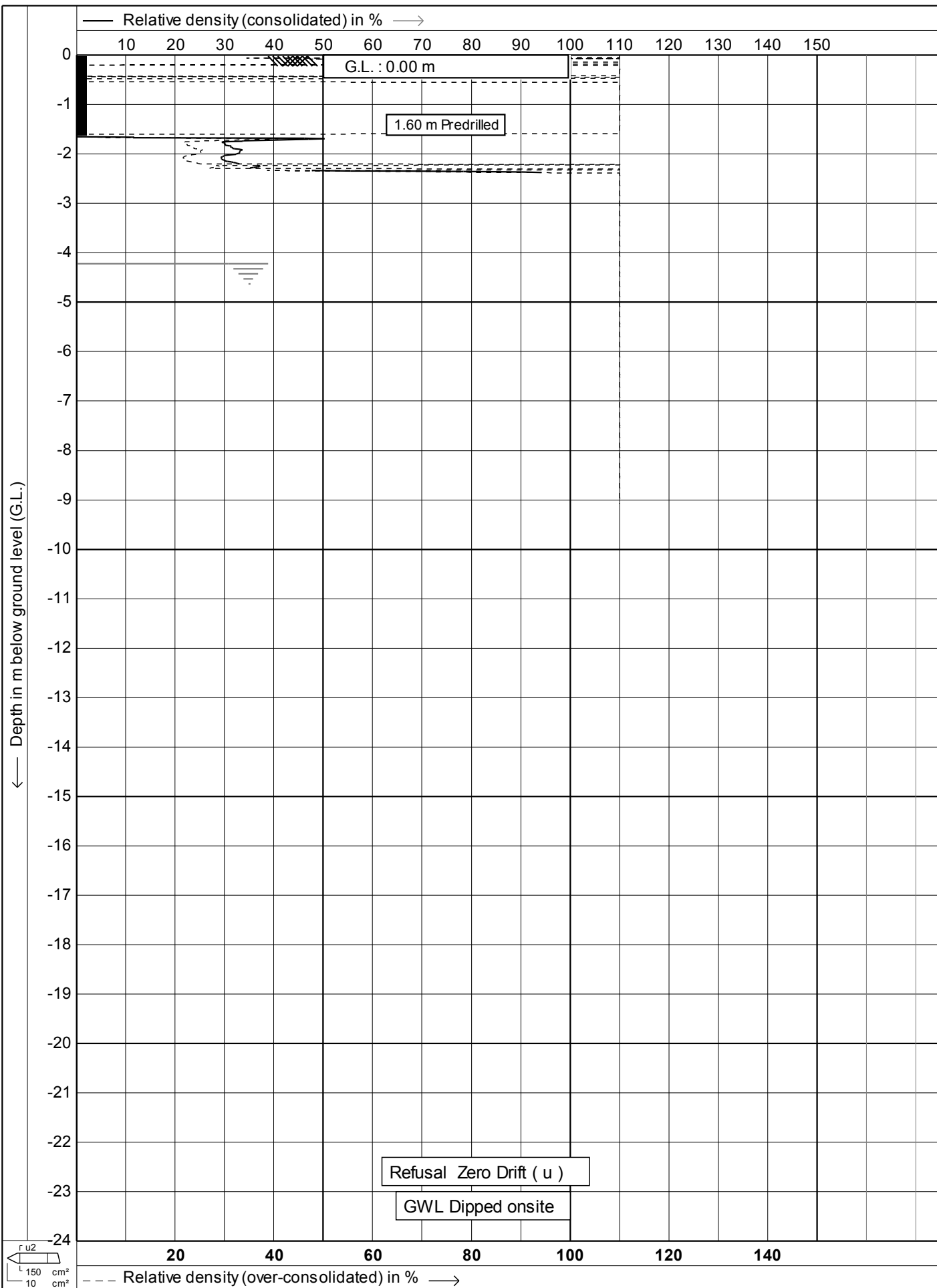
Cone no. : **C10CFIP.F56.cal**

Project no. : **02GD1**

CPT no. : **21**

10/14

← Depth in m below ground level (G.L.)



Test according A.S.T.M. Standard D 5778-07

Project : **NZTA WICI IPAA Underpass**

Location: **Buckle St - Wellington**

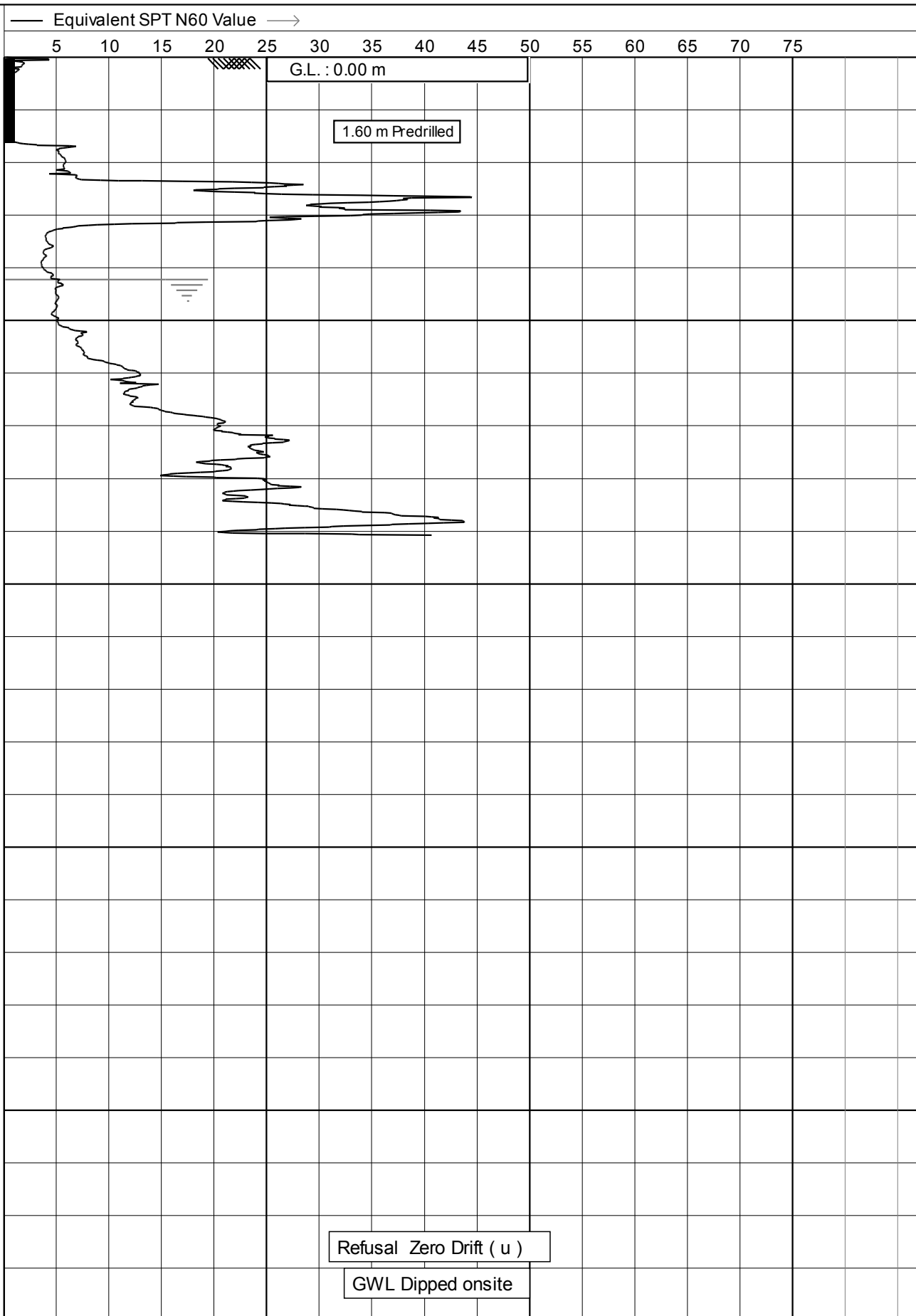
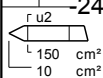
Date : **11-9-2012**

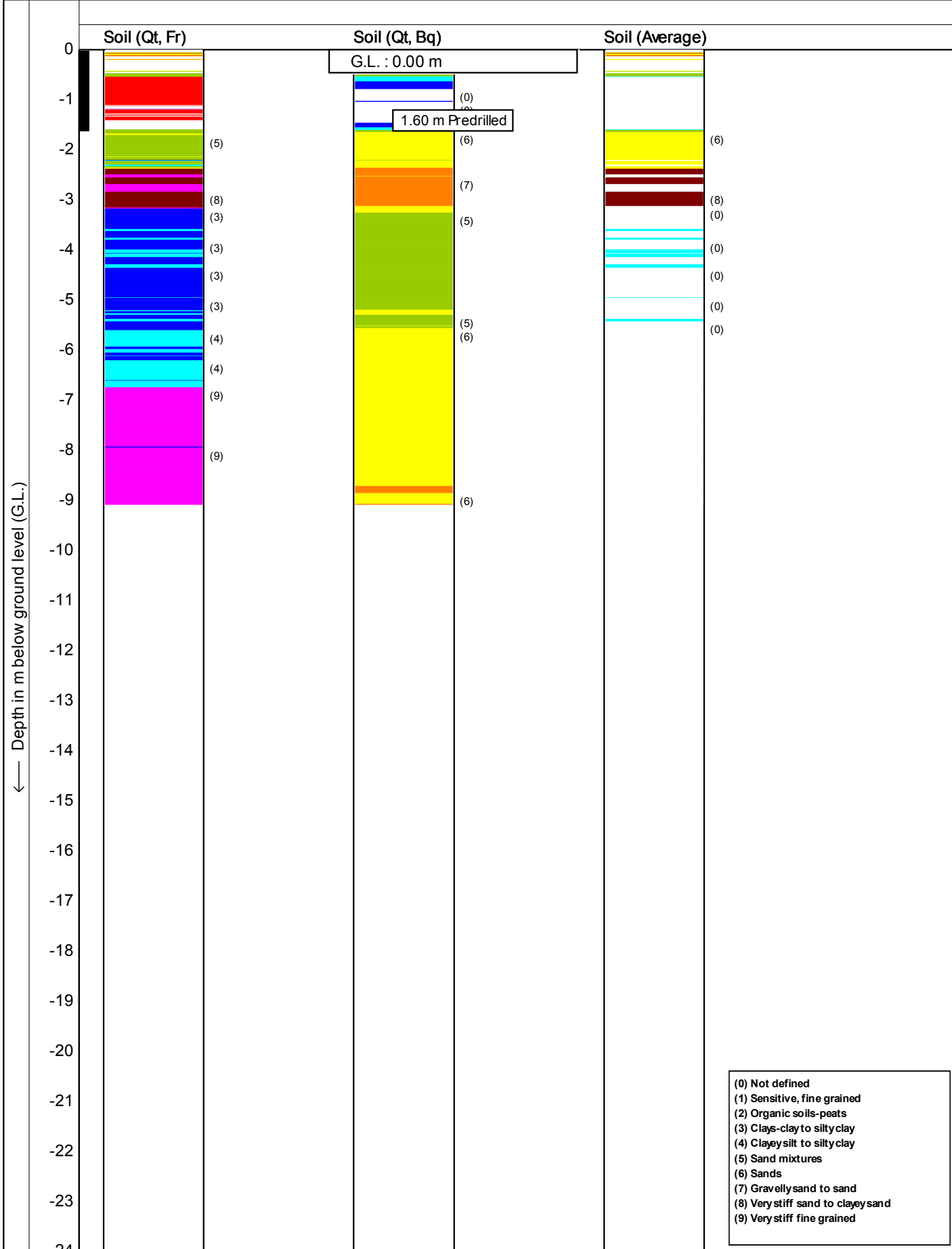
Cone no. : **C10CFIP.F56.cal**

Project no. : **02GD1**

CPT no. : **21**

11/14





← Depth in m below ground level (G.L.)

Internal friction angle in degrees →

5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

0  
-1  
-2  
-3  
-4  
-5  
-6  
-7  
-8  
-9  
-10  
-11  
-12  
-13  
-14  
-15  
-16  
-17  
-18  
-19  
-20  
-21  
-22  
-23  
-24

G.L. : 0.00 m

1.60 m Predrilled

Refusal Zero Drift ( u )

GWL Dipped onsite

150 cm<sup>2</sup>  
10 cm<sup>2</sup>



Test according A.S.T.M. Standard D 5778-07

Project : **NZTA WICI IPAA Underpass**

Location: **Buckle St - Wellington**

Date : **11-9-2012**

Cone no. : **C10CFIP.F56.cal**

Project no. : **02GD1**

CPT no. : **21**

14/14