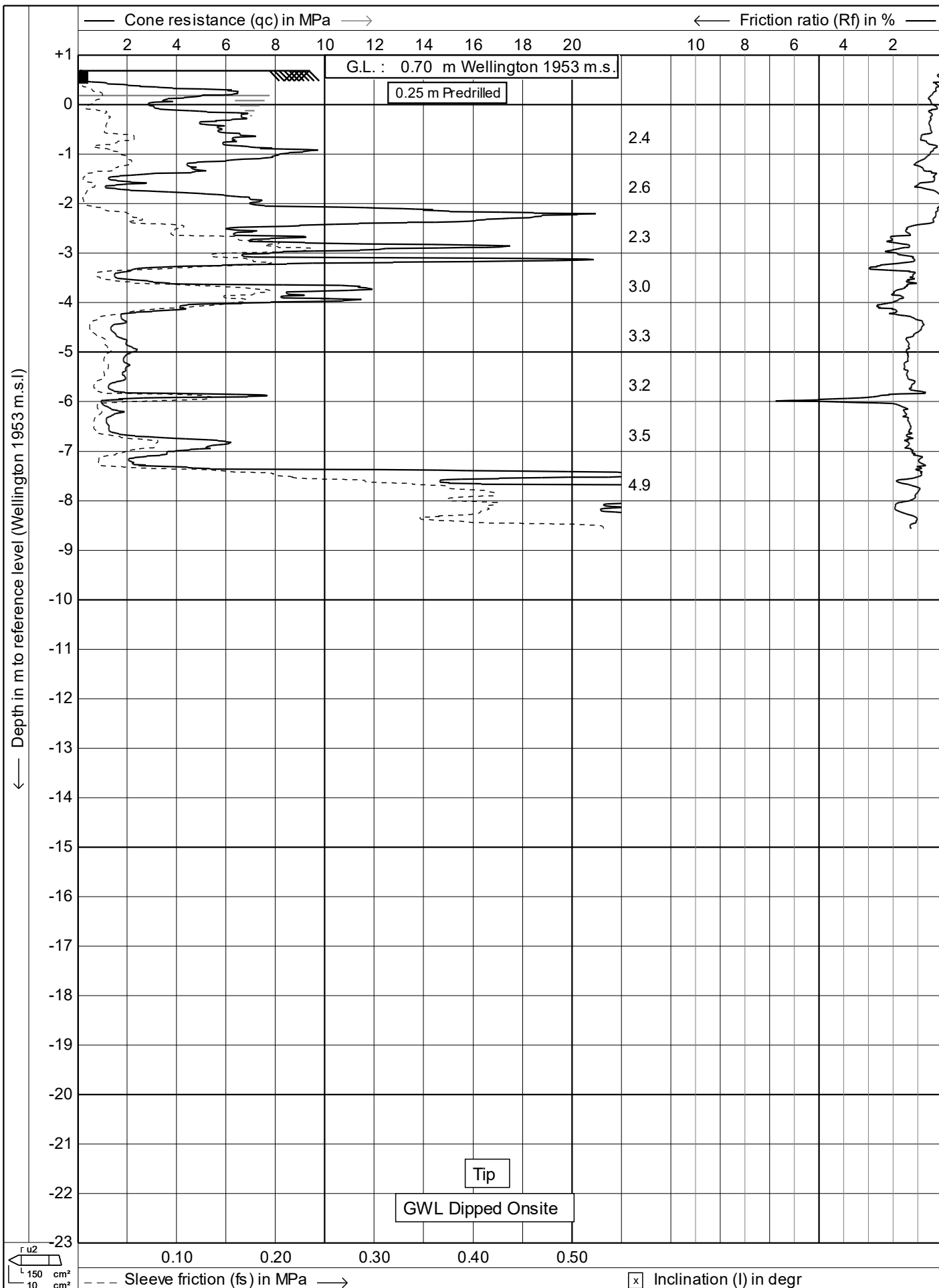


← Depth in m to reference level (Wellington 1953 m.s.)



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748821, 5427577 NZTM**

Date : **21/03/2017**

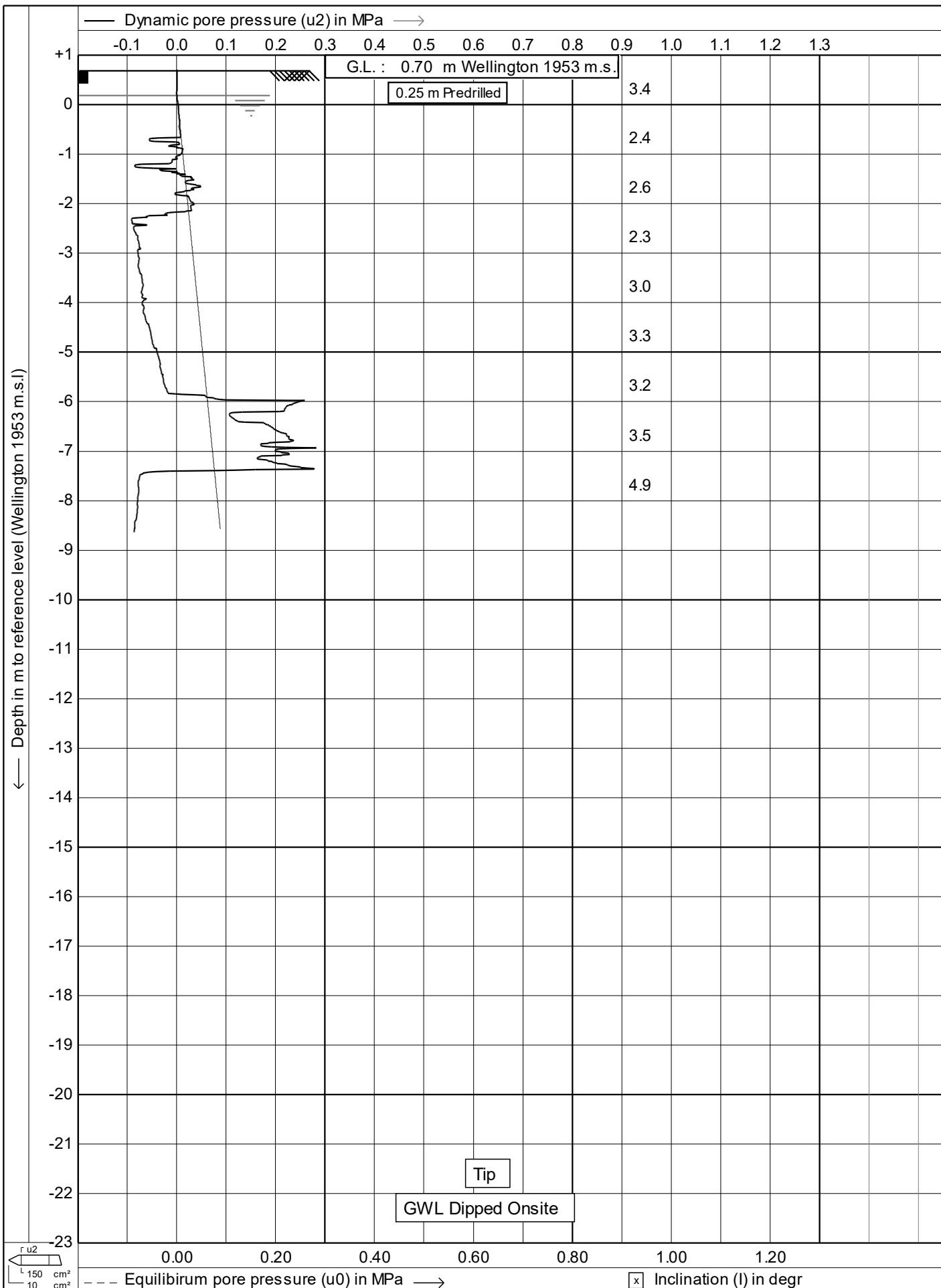
Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **311**

1/14

← Depth in m to reference level (Wellington 1953 m.s.l)



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748821, 5427577 NZTM**

Date : **21/03/2017**

Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **311**

2/14

← Depth in m to reference level (Wellington 1953 m.s.)

— Corrected cone resistance (qt) in MPa —→

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

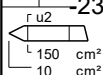
G.L. : 0.70 m Wellington 1953 m.s.

0.25 m Predrilled

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

Tip

GWL Dipped Onsite



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748821, 5427577 NZTM**

Date : **21/03/2017**

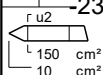
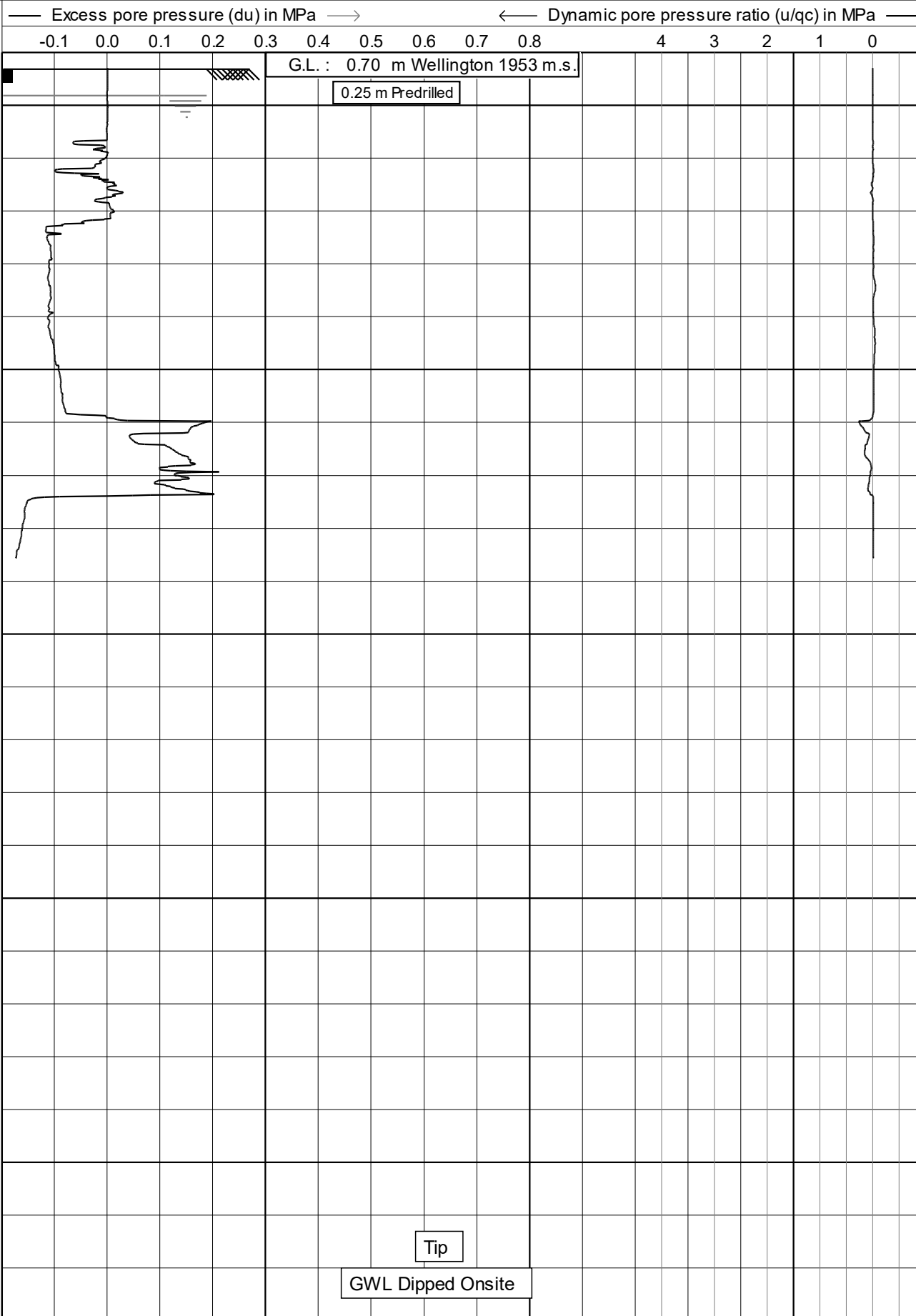
Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **311**

3/14

← Depth in m to reference level (Wellington 1953 m.s.)



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748821, 5427577 NZTM**

Date : **21/03/2017**

Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **311**

4/14

← Depth in m to reference level (Wellington 1953 m.s.)

— Effective cone resistance (q_e) in MPa —→

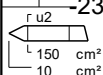
2 4 6 8 10 12 14 16 18 20 22 24 26 28 30

G.L. : 0.70 m Wellington 1953 m.s.

0.25 m Predrilled

Tip

GWL Dipped Onsite



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748821, 5427577 NZTM**

Date : **21/03/2017**

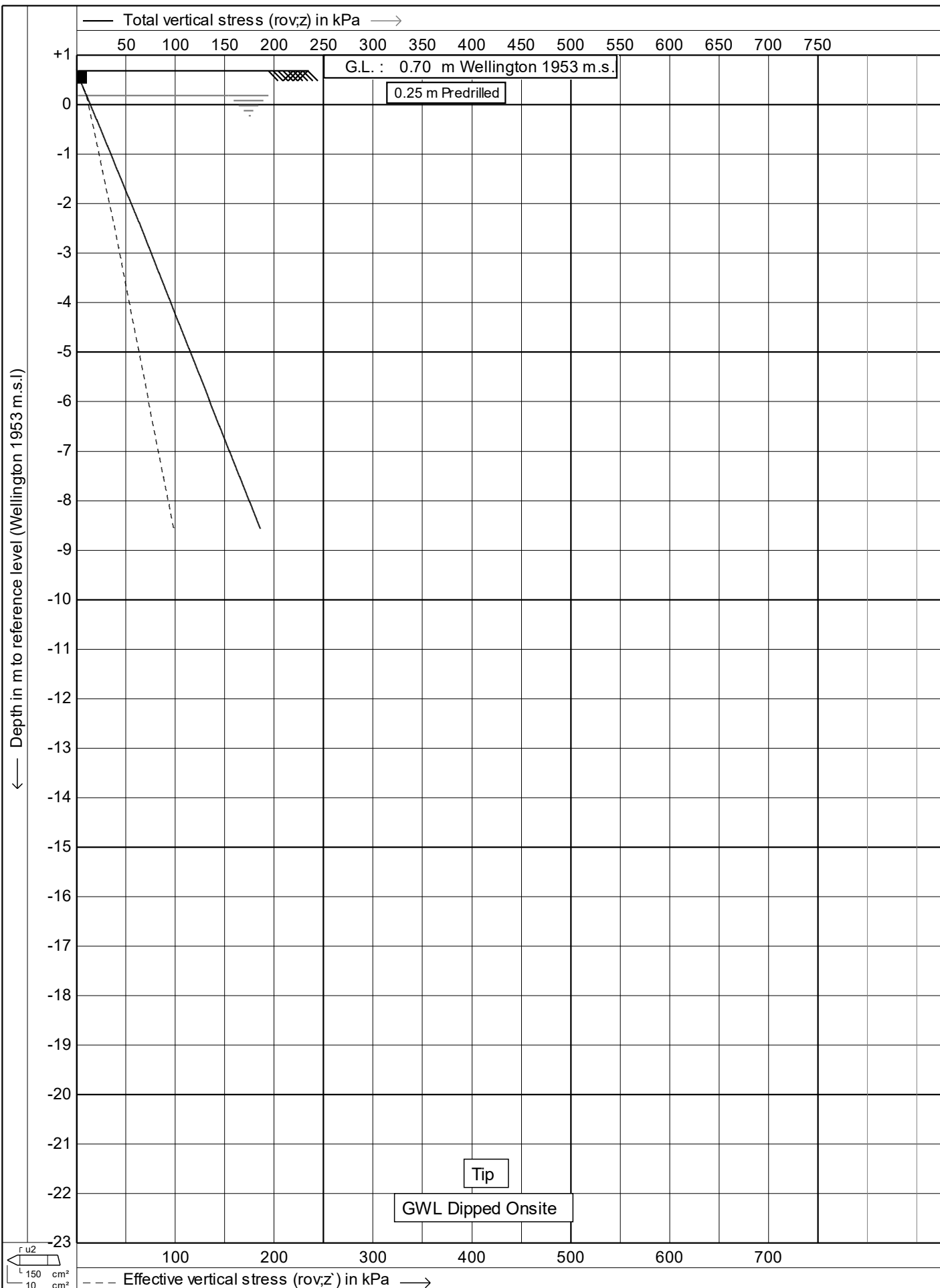
Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **311**

5/14

← Depth in m to reference level (Wellington 1953 m.s.)



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748821, 5427577 NZTM**

Date : **21/03/2017**

Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

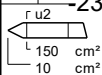
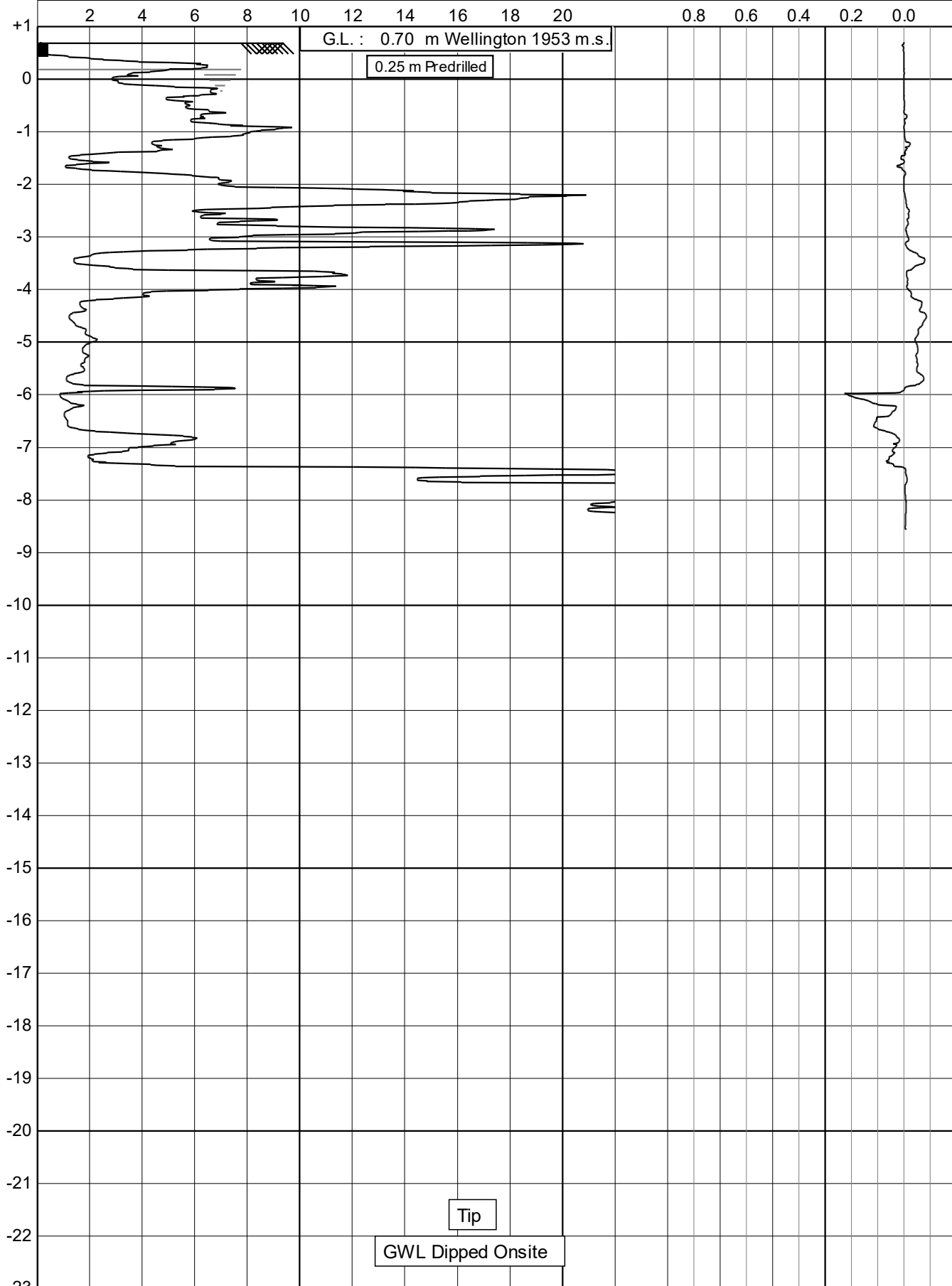
CPT no. : **311**

6/14

← Depth in m to reference level (Wellington 1953 m.s.)

— Net cone resistance (qn) in MPa —→

← Pore pressure ratio (Bq) —



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748821, 5427577 NZTM**

Date : **21/03/2017**

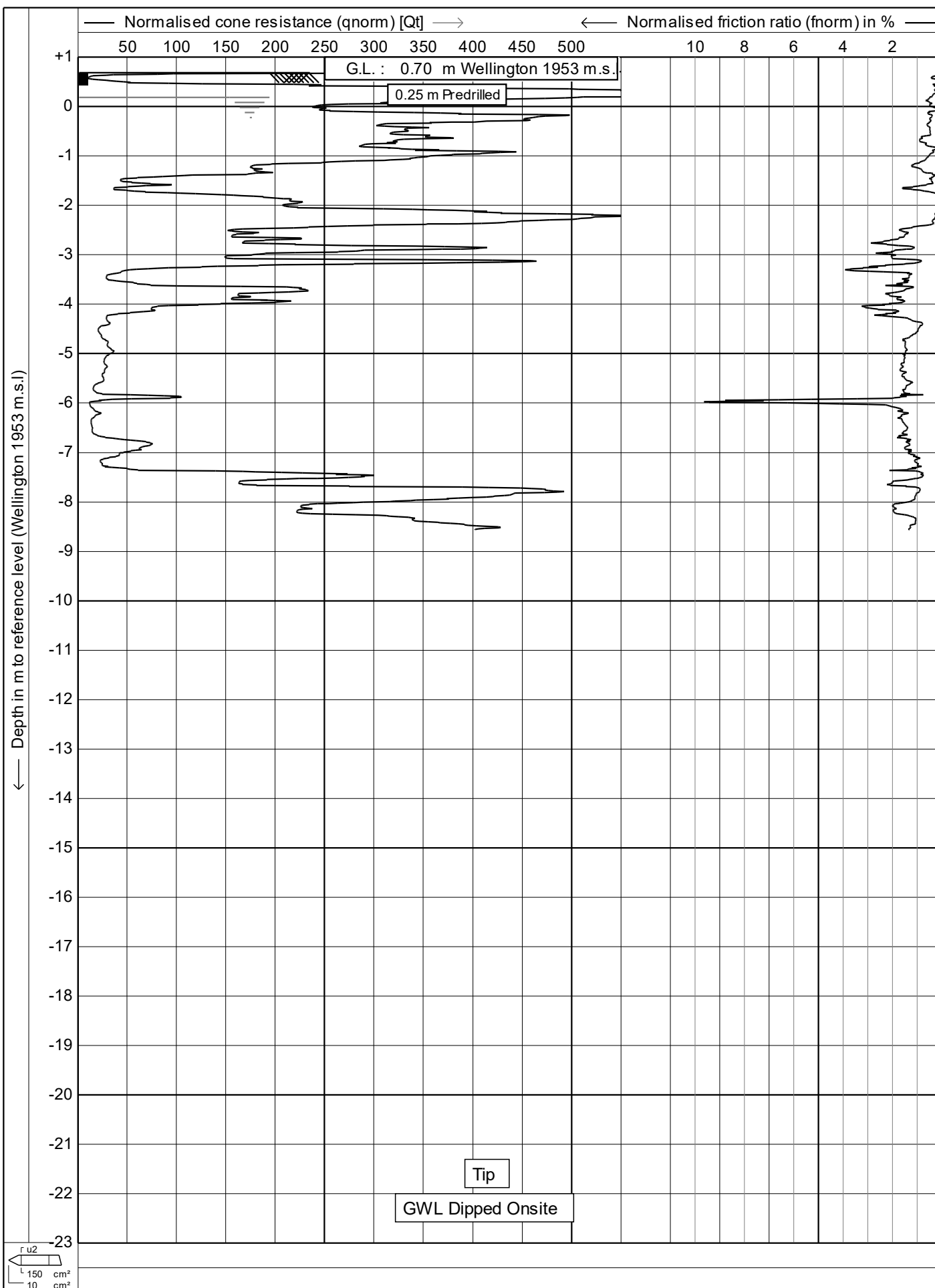
Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **311**

7/14

← Depth in m to reference level (Wellington 1953 m.s.l)



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748821, 5427577 NZTM**

Date : **21/03/2017**

Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **311**

8/14

← Depth in m to reference level (Wellington 1953 m.s.)

— Soil behaviour type index (Ic) —→

0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5

G.L. : 0.70 m Wellington 1953 m.s.

0.25 m Predrilled

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

(2) Organic soils
(3) Clay
(4) Silt mixtures
(5) Sand mixtures
(6) Sand clean to silty
(7) Gravelly sand

150 cm²
10 cm²

7

6

5

4

3

2



Test according ASTM D5778-12

Project : Site Investigations

Location: Wellington Town Hall

Position: 1748821, 5427577 NZTM

Date : 21/03/2017

Cone no. : C10CFIP.C13082

Project no. : 04TT1

CPT no. : 311

9/14

← Depth in m to reference level (Wellington 1953 m.s.l)

— Undrained shear strength (Su) in kPa —→

100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500

G.L. : 0.70 m Wellington 1953 m.s.l

0.25 m Predrilled

Tip

GWL Dipped Onsite

150 cm²
10 cm²



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748821, 5427577 NZTM**

Date : **21/03/2017**

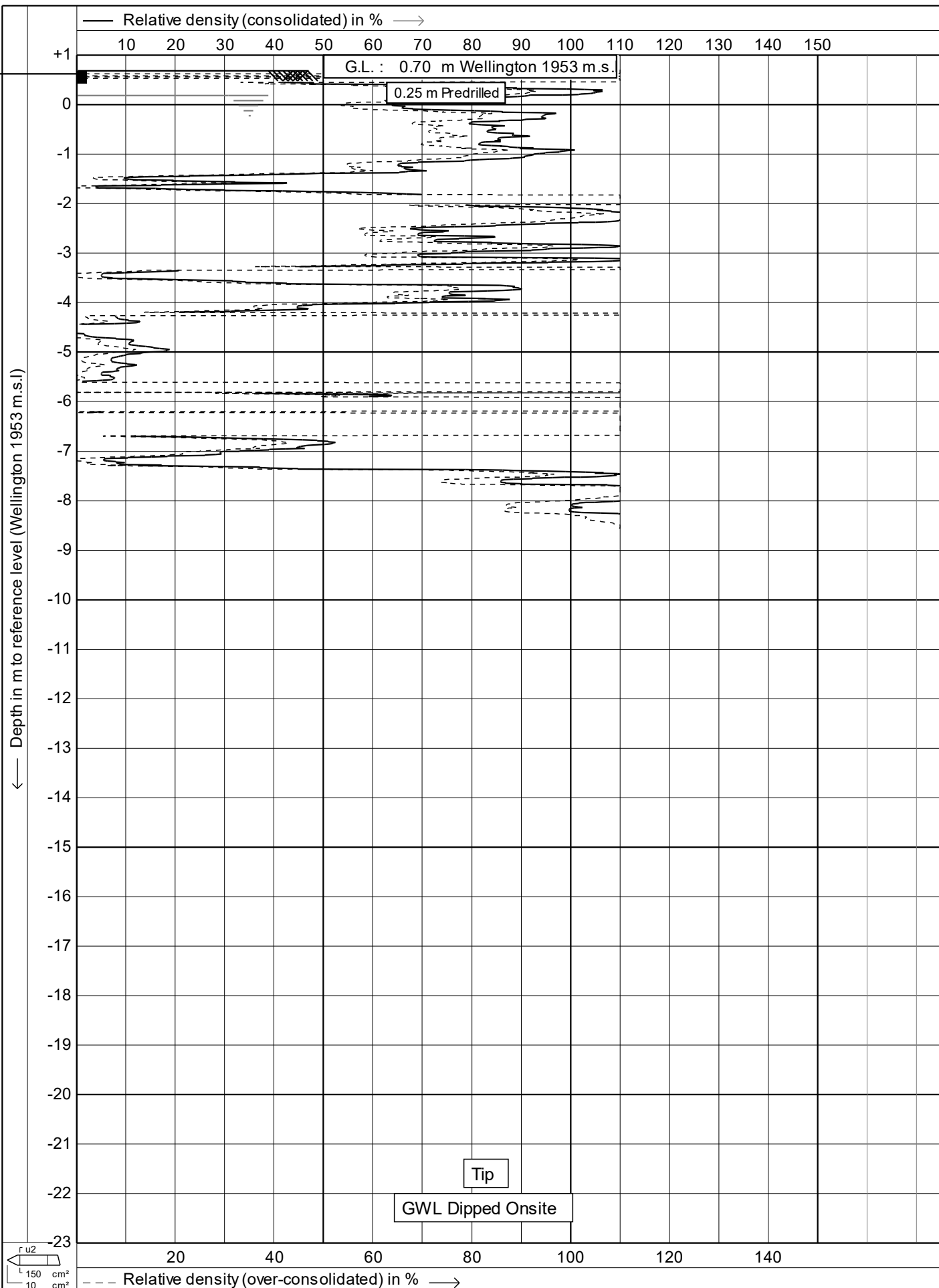
Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **311**

10/14

← Depth in m to reference level (Wellington 1953 m.s.)



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748821, 5427577 NZTM**

Date : **21/03/2017**

Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **311**

11/14

← Depth in m to reference level (Wellington 1953 m.s.)

— Equivalent SPT N60 Value —→

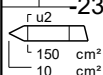
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

G.L. : 0.70 m Wellington 1953 m.s.

0.25 m Predrilled

Tip

GWL Dipped Onsite



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748821, 5427577 NZTM**

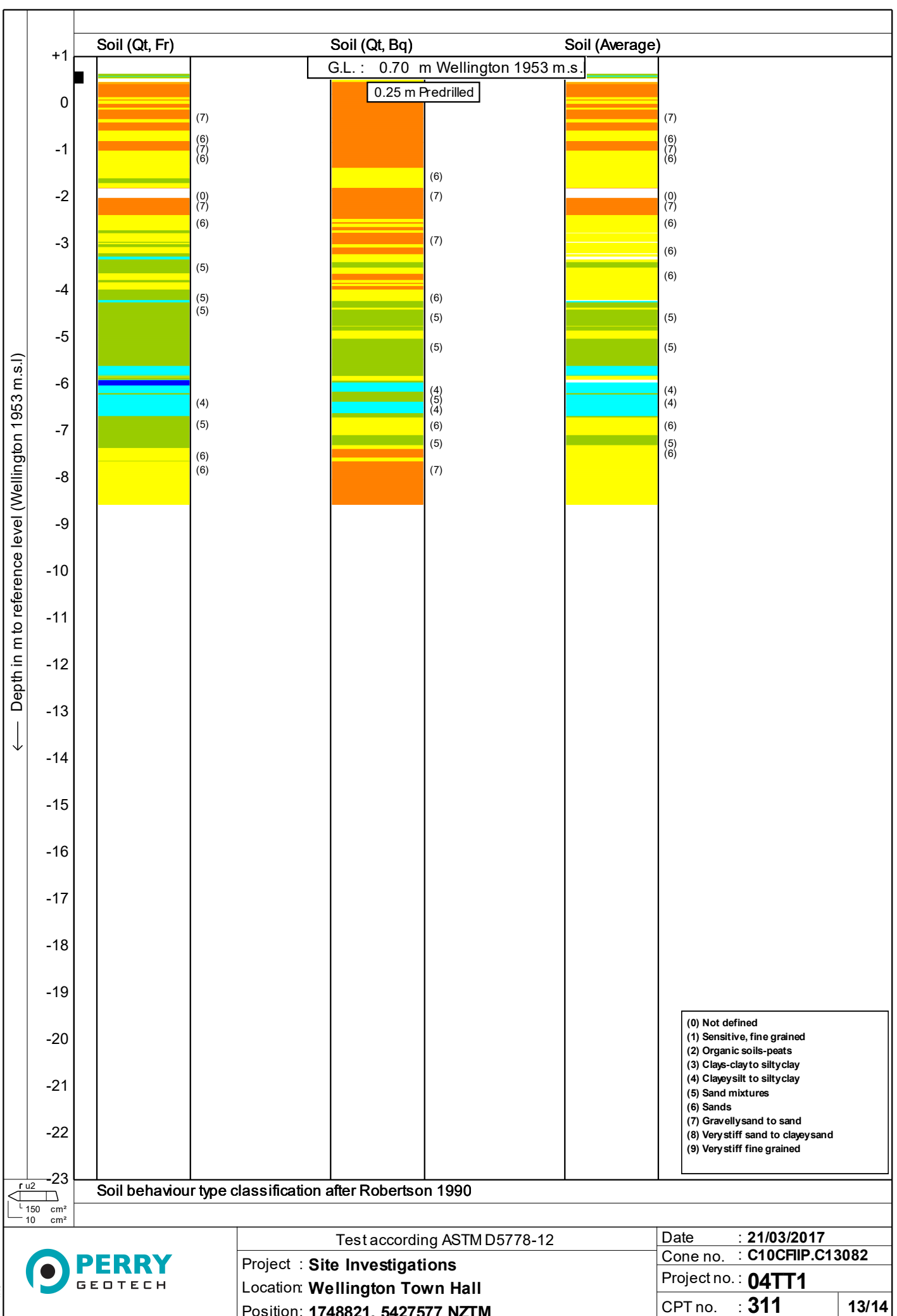
Date : **21/03/2017**

Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **311**

12/14



← Depth in m to reference level (Wellington 1953 m.s.)

— Internal friction angle in degrees —→

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

G.L. : 0.70 m Wellington 1953 m.s.

0.25 m Predrilled

Tip

GWL Dipped Onsite

150 cm²
10 cm²



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748821, 5427577 NZTM**

Date : **21/03/2017**

Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **311**

14/14