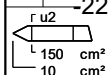
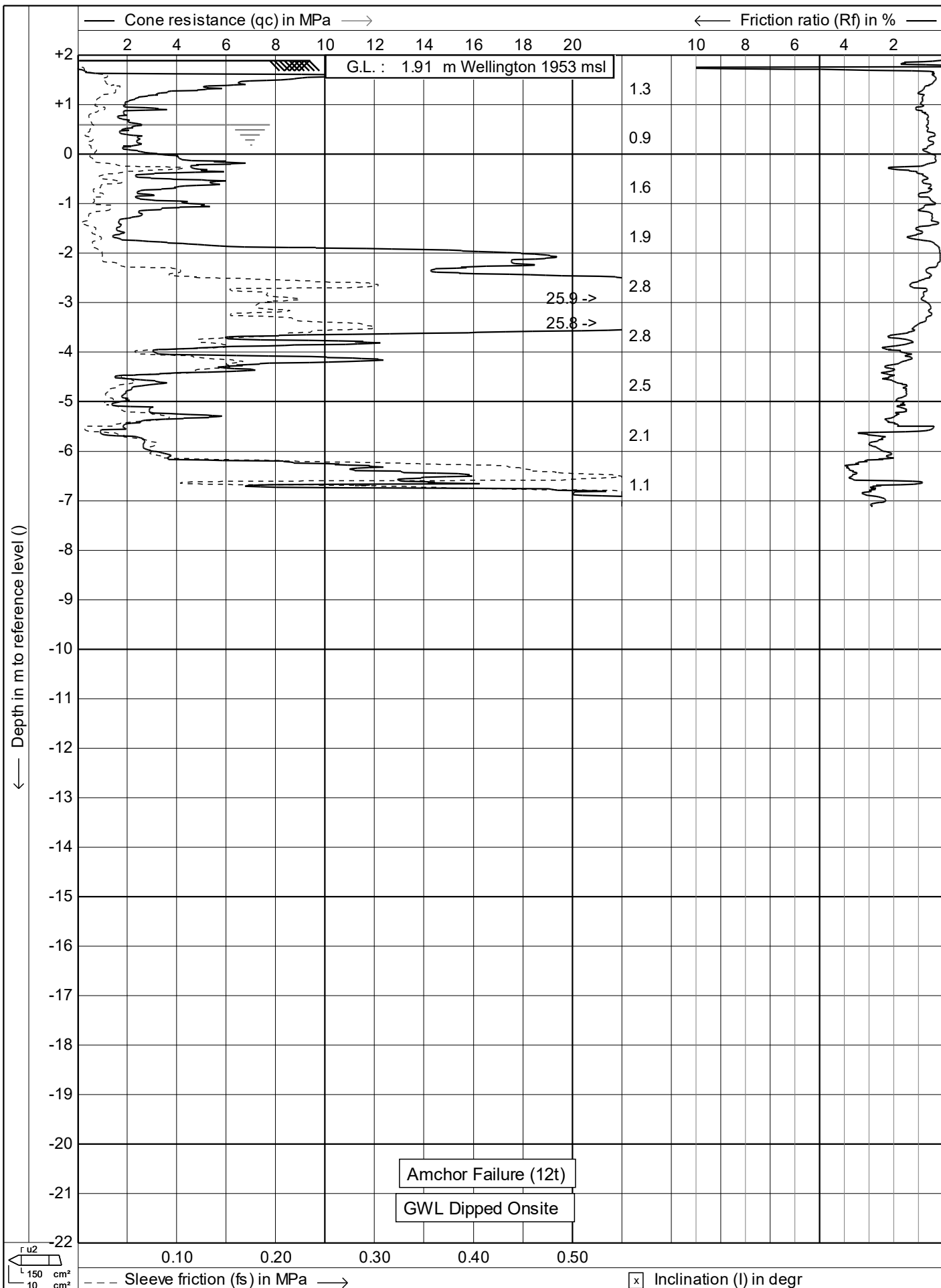


← Depth in m to reference level ( )



**PERRY**  
GEOTECH

Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748814, 5427590 NZTM**

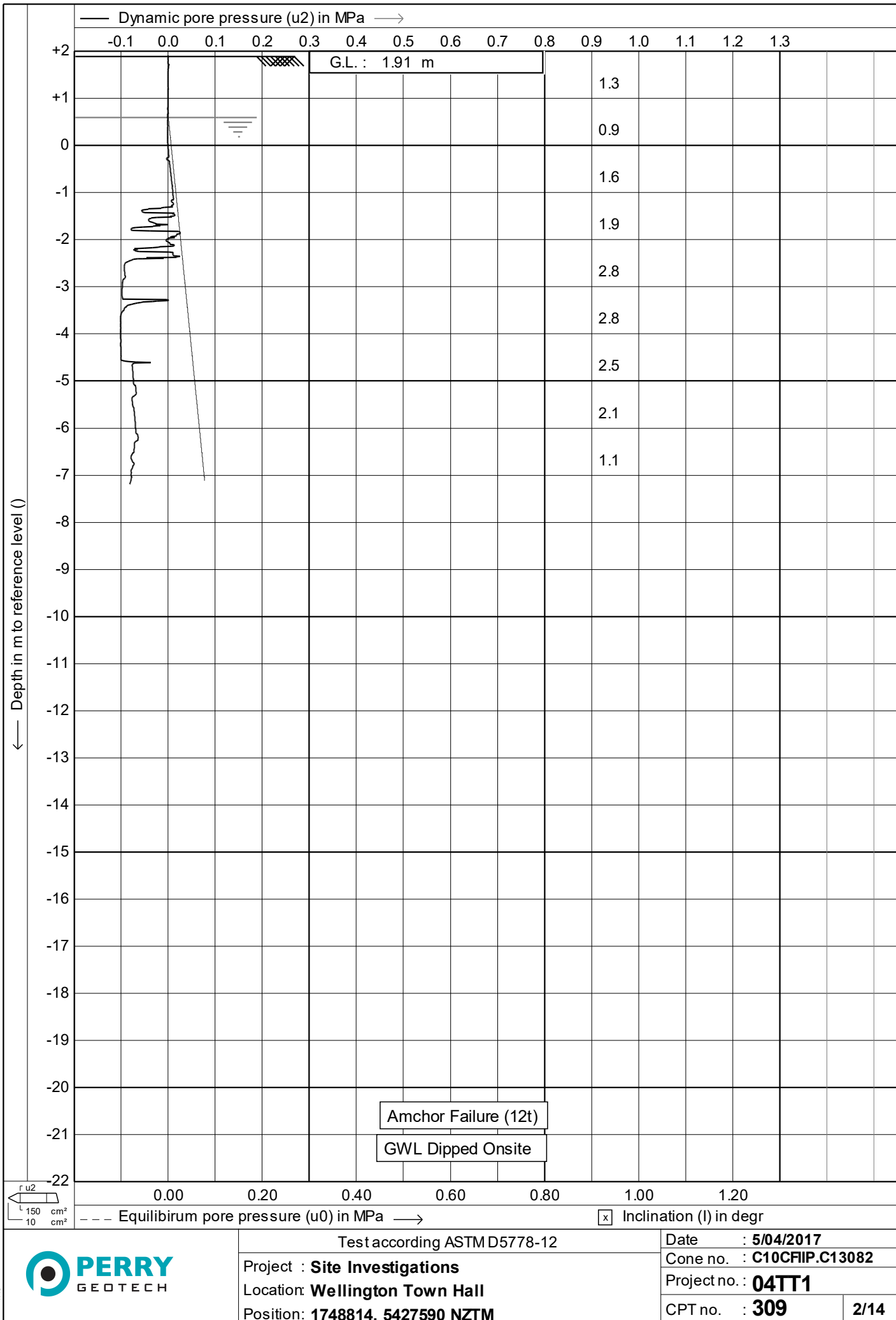
Date : **5/04/2017**

Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **309**

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← Depth in m to reference level ( )

— Corrected cone resistance (qt) in MPa —→

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

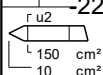
G.L. : 1.91 m

25.8 ->

25.8 ->

Anchor Failure (12t)

GWL Dipped Onsite



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748814, 5427590 NZTM**

Date : **5/04/2017**

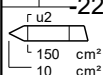
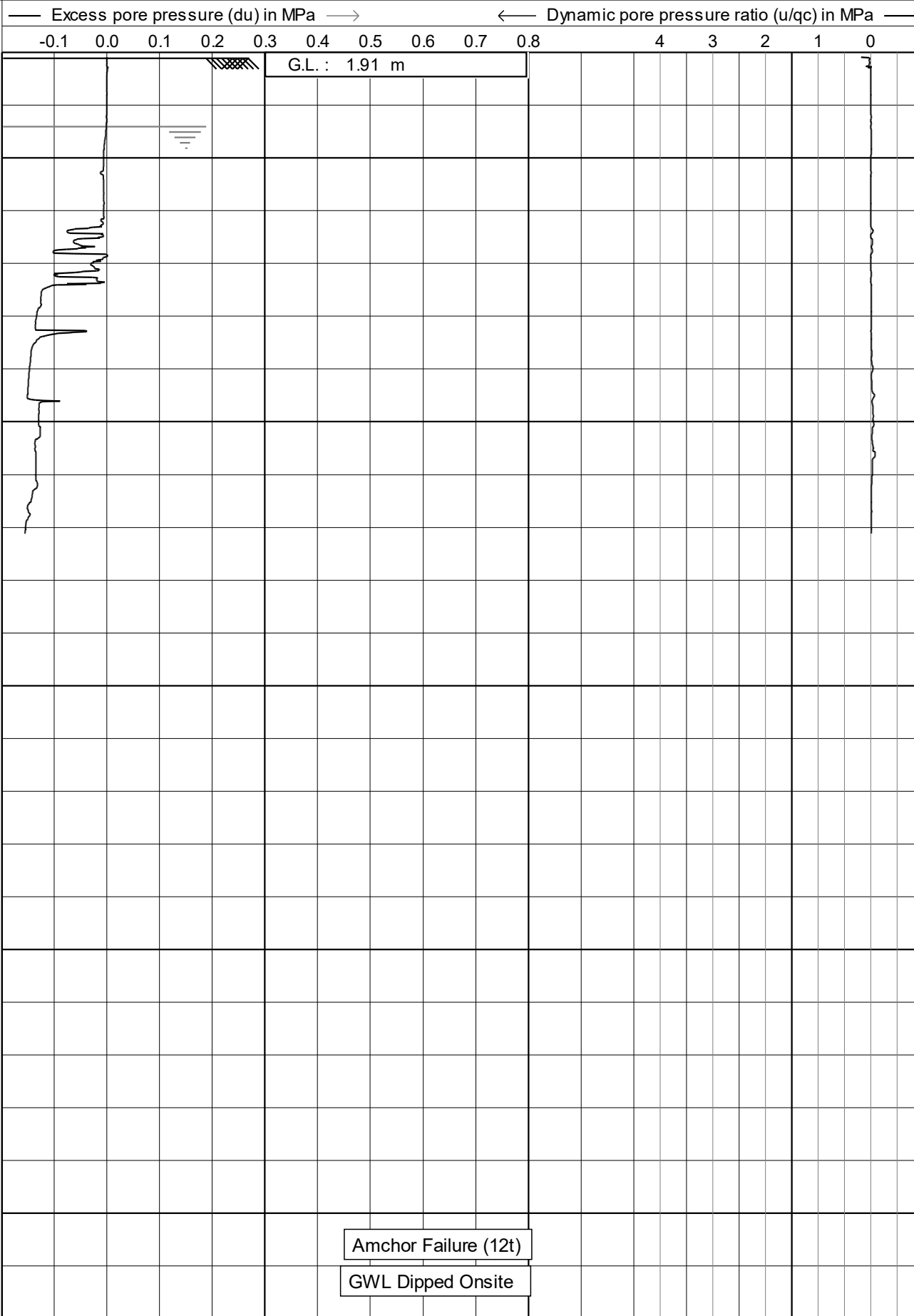
Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **309**

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← Depth in m to reference level ( )



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748814, 5427590 NZTM**

Date : **5/04/2017**

Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **309**

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← Depth in m to reference level ( )

— Effective cone resistance (q<sub>e</sub>) in MPa —→

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

G.L. : 1.91 m

+1

0

-1

-2

-3

25.9 ->

25.9 ->

-4

-5

-6

-7

-8

-9

-10

-11

-12

-13

-14

-15

-16

-17

-18

-19

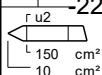
-20

Anchor Failure (12t)

GWL Dipped Onsite

-21

-22



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748814, 5427590 NZTM**

Date : **5/04/2017**

Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **309**

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← Depth in m to reference level ( )

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

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

G.L. : 1.91 m

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

Anchor Failure (12t)

GWL Dipped Onsite



100 200 300 400 500 600 700

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



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748814, 5427590 NZTM**

Date : **5/04/2017**

Cone no. : **C10CFIIP.C13082**

Project no. : **04TT1**

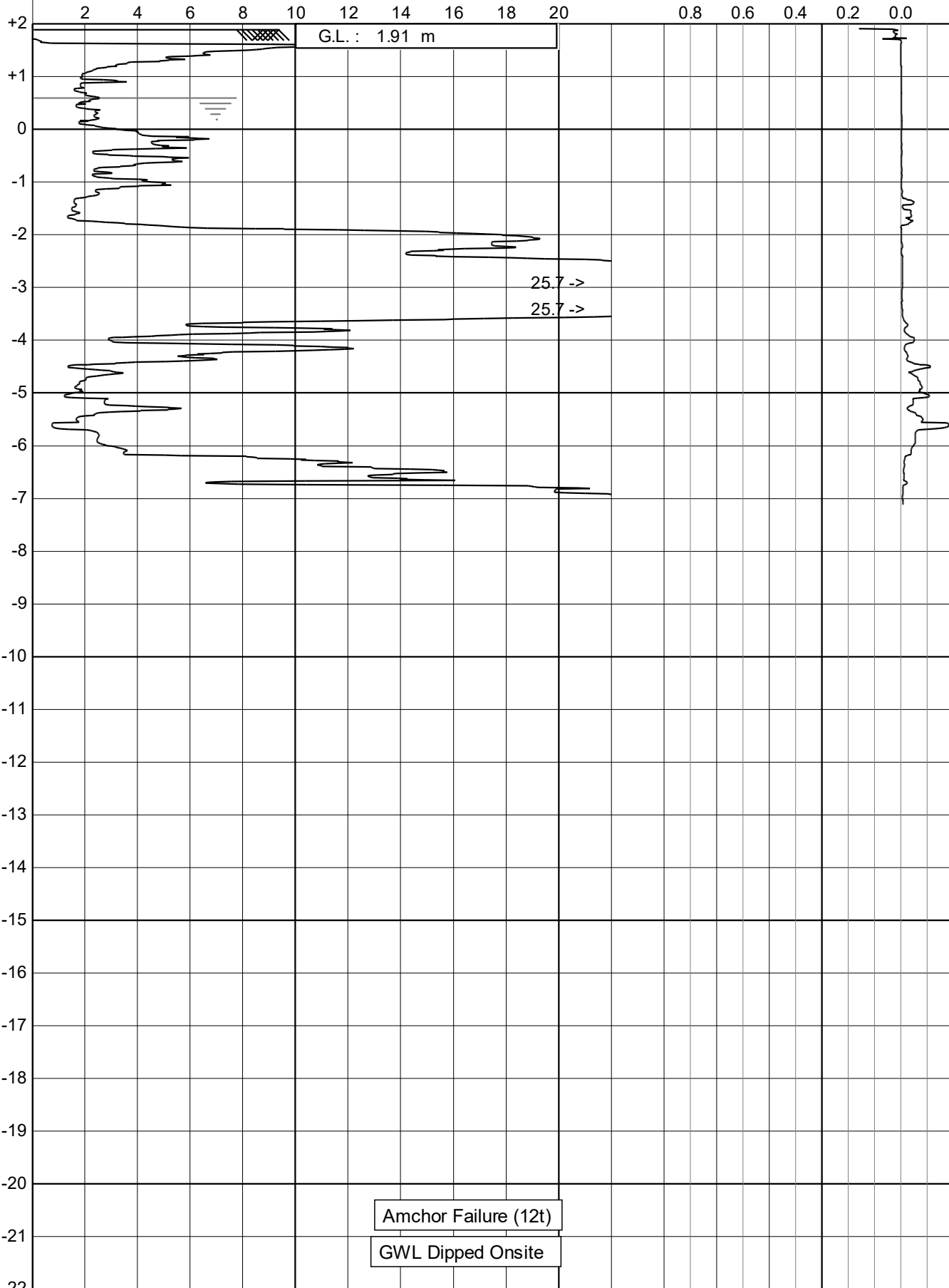
CPT no. : **309**

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← Depth in m to reference level ( )

— Net cone resistance (qn) in MPa —→

← Pore pressure ratio (Bq) —



1.45  
150 cm²  
10 cm²



Test according ASTM D5778-12

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Date : **5/04/2017**

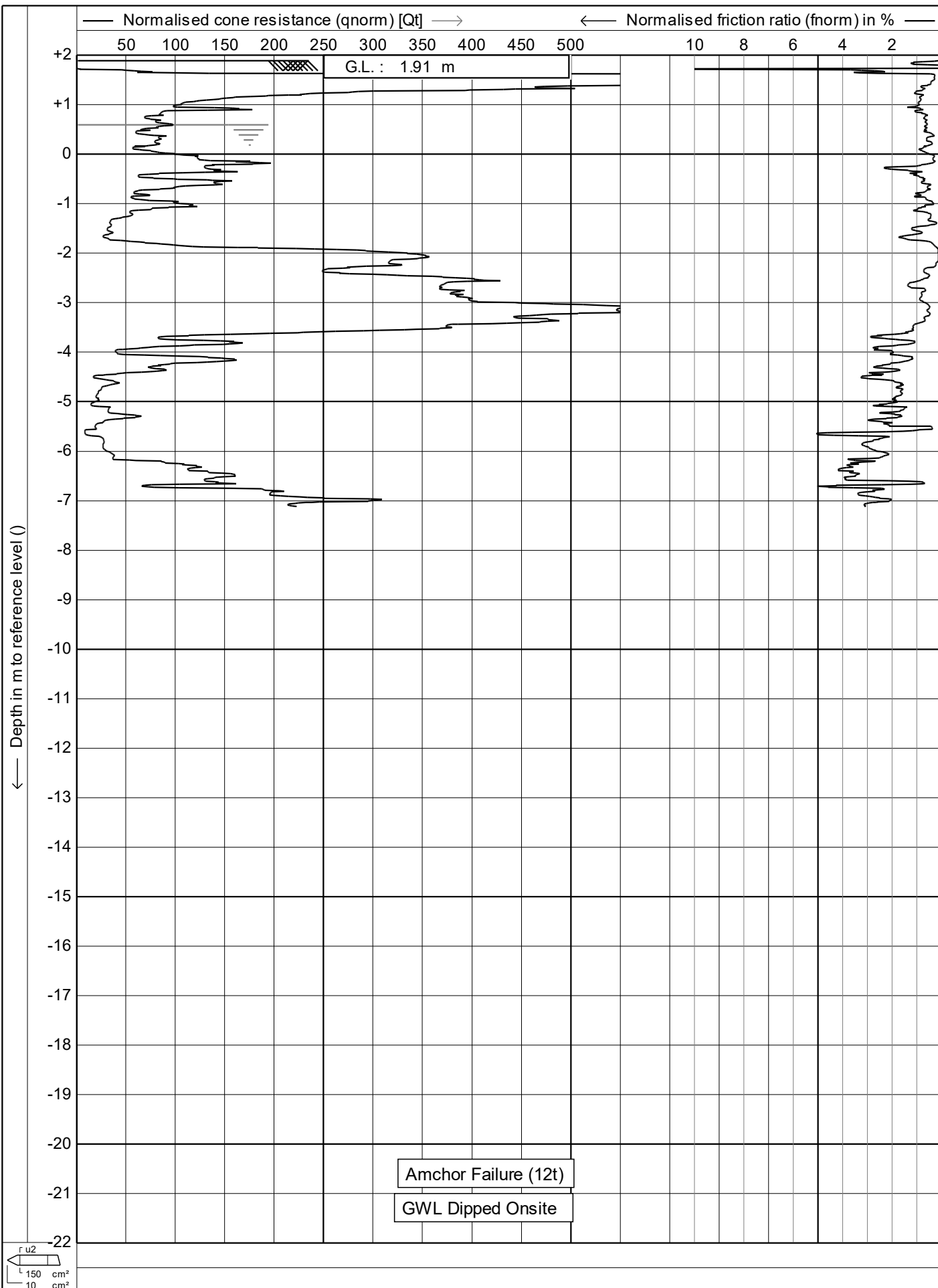
Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

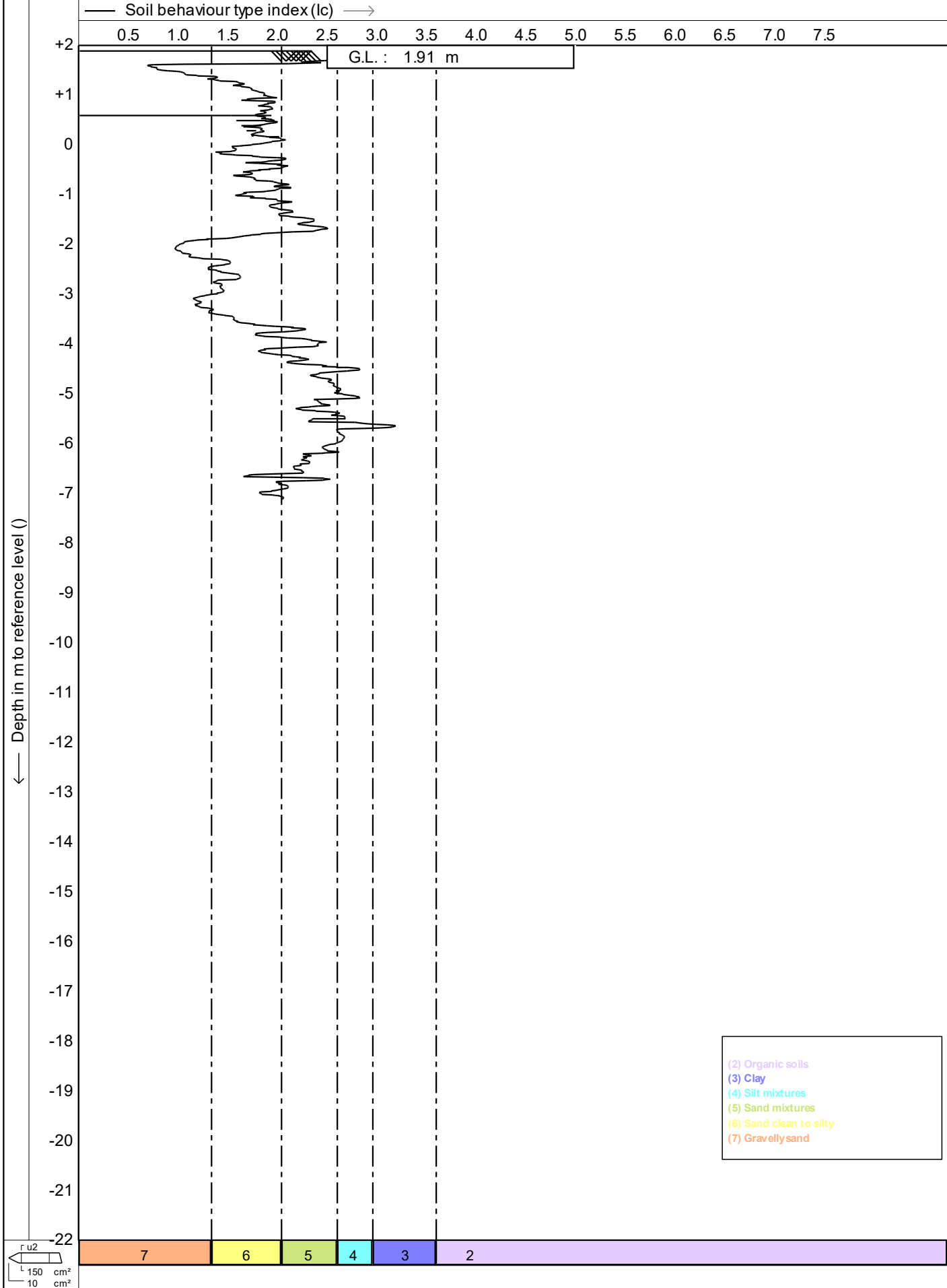
CPT no. : **309**

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← Depth in m to reference level ( )







Test according ASTM D5778-12

Project : Site Investigations

Location: Wellington Town Hall

Position: 1748814, 5427590 NZTM

Date : 5/04/2017

Cone no. : C10CFIIP.C13082

Project no. : 04TT1

CPT no. : 309

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← Depth in m to reference level ( )

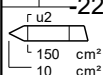
— Undrained shear strength (Su) in kPa —→

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

G.L. : 1.91 m

Anchor Failure (12t)

GWL Dipped Onsite



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748814, 5427590 NZTM**

Date : **5/04/2017**

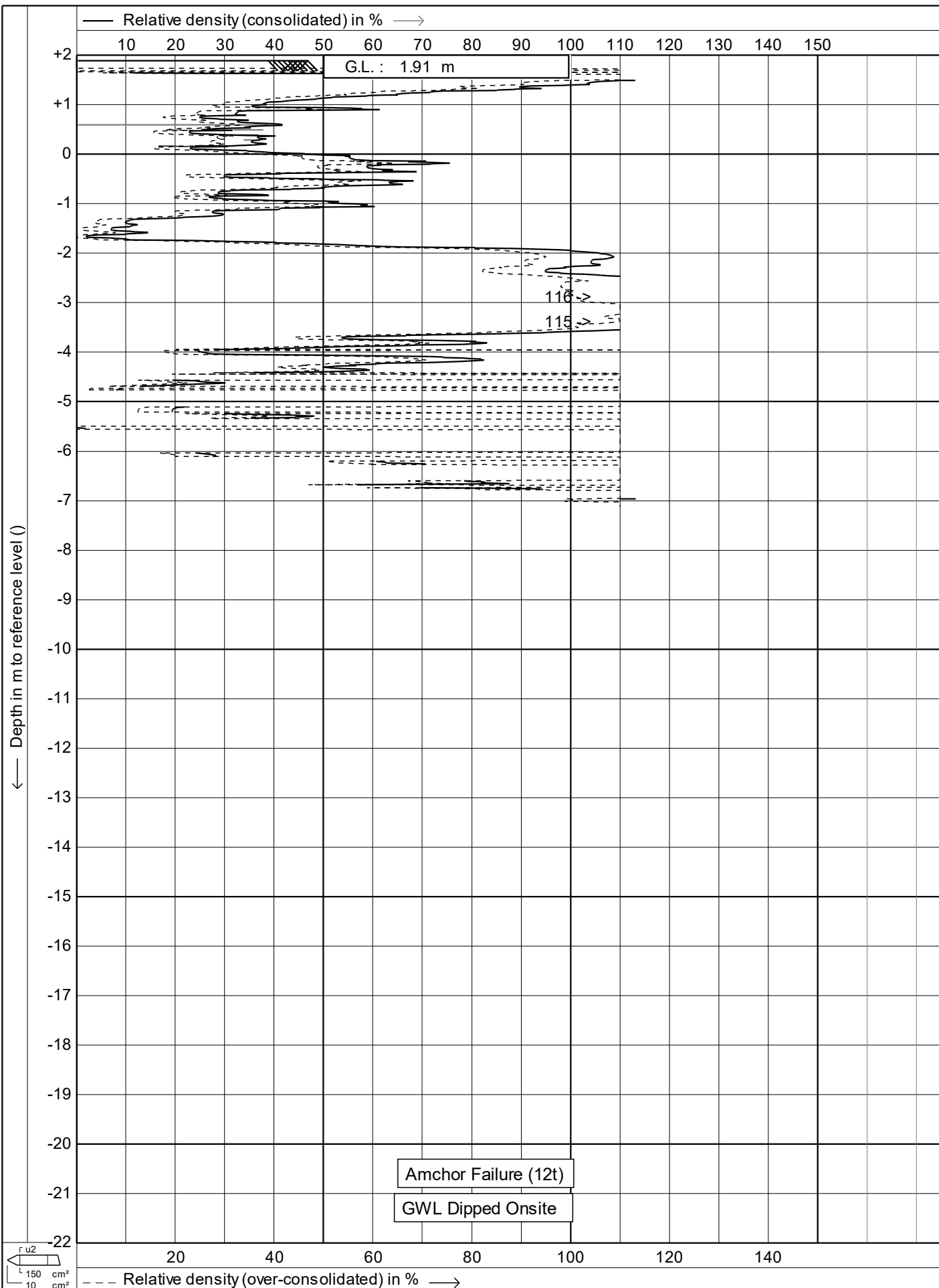
Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **309**

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← Depth in m to reference level ( )



← Depth in m to reference level ( )

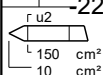
— Equivalent SPT N60 Value —→

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

G.L. : 1.91 m

Anchor Failure (12t)

GWL Dipped Onsite



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748814, 5427590 NZTM**

Date : **5/04/2017**

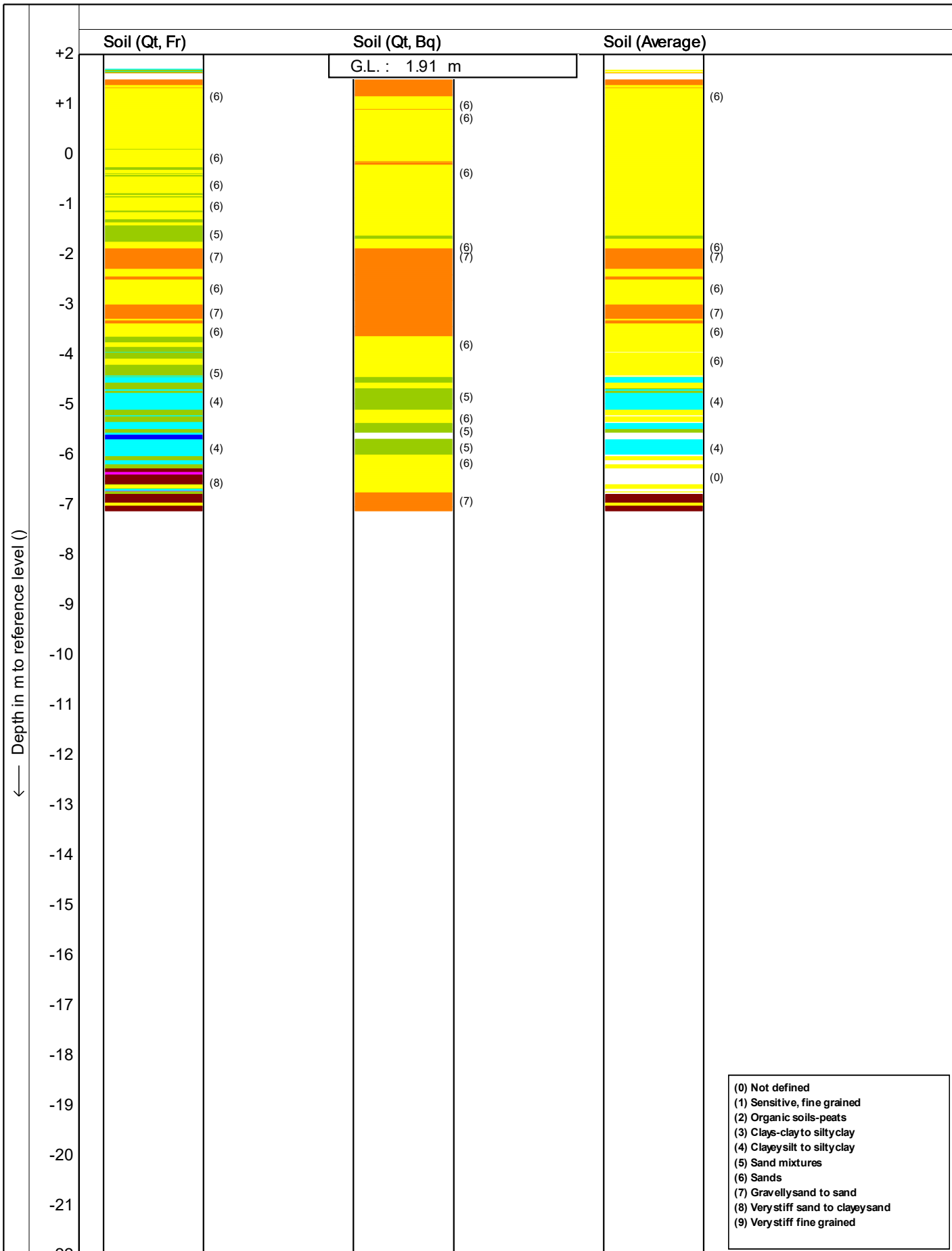
Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **309**

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Depth in m to reference level ( )



- (0) Not defined
- (1) Sensitive, fine grained
- (2) Organic soils-peats
- (3) Clays-clay to silty clay
- (4) Clayey silt to silty clay
- (5) Sand mixtures
- (6) Sands
- (7) Gravely sand to sand
- (8) Very stiff sand to clayey sand
- (9) Very stiff fine grained

Soil behaviour type classification after Robertson 1990

← Depth in m to reference level ( )

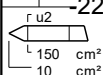
— Internal friction angle in degrees —→

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

G.L. : 1.91 m

Anchor Failure (12t)

GWL Dipped Onsite



Test according ASTM D5778-12

Project : **Site Investigations**

Location: **Wellington Town Hall**

Position: **1748814, 5427590 NZTM**

Date : **5/04/2017**

Cone no. : **C10CFIP.C13082**

Project no. : **04TT1**

CPT no. : **309**

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