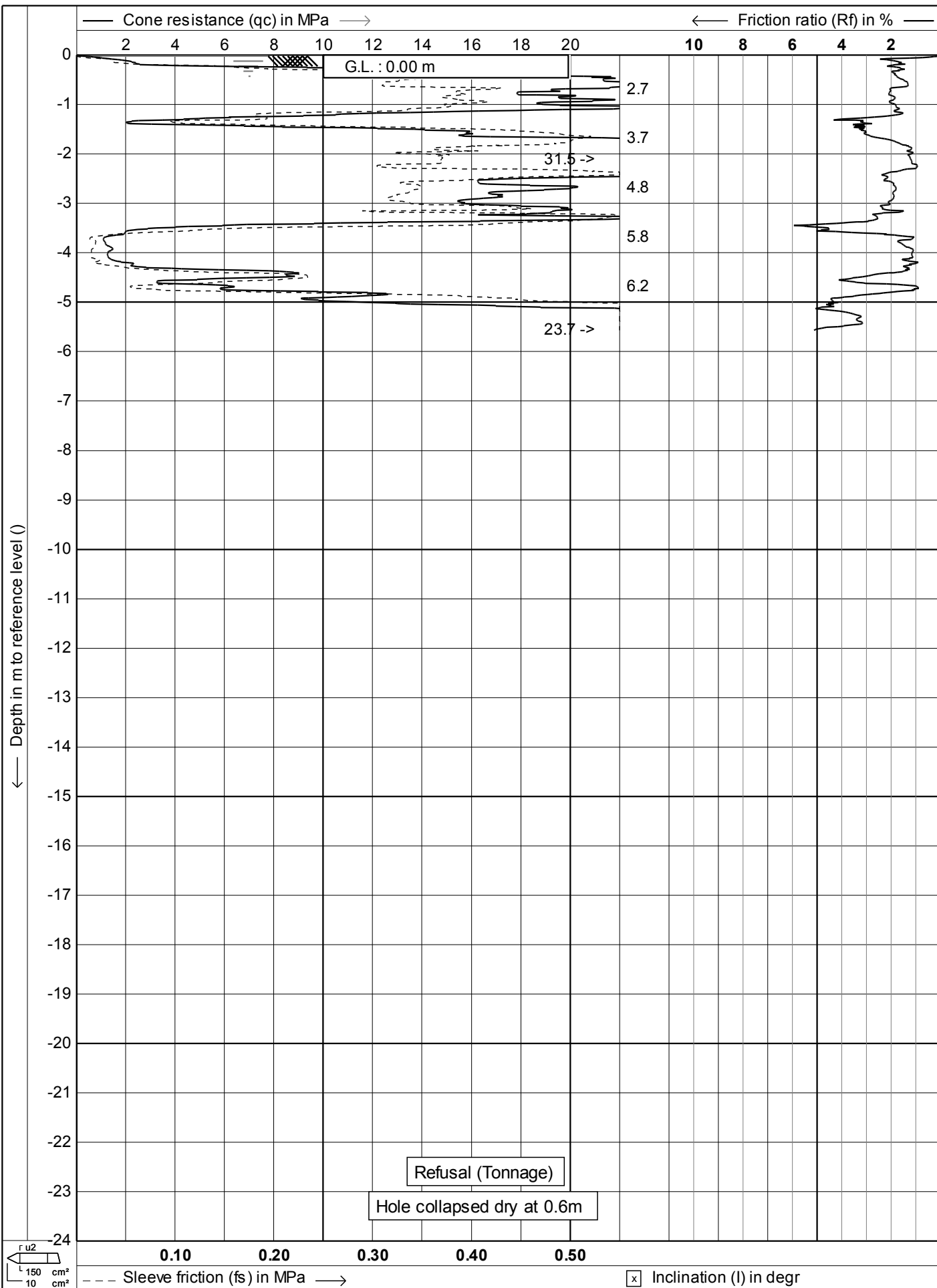
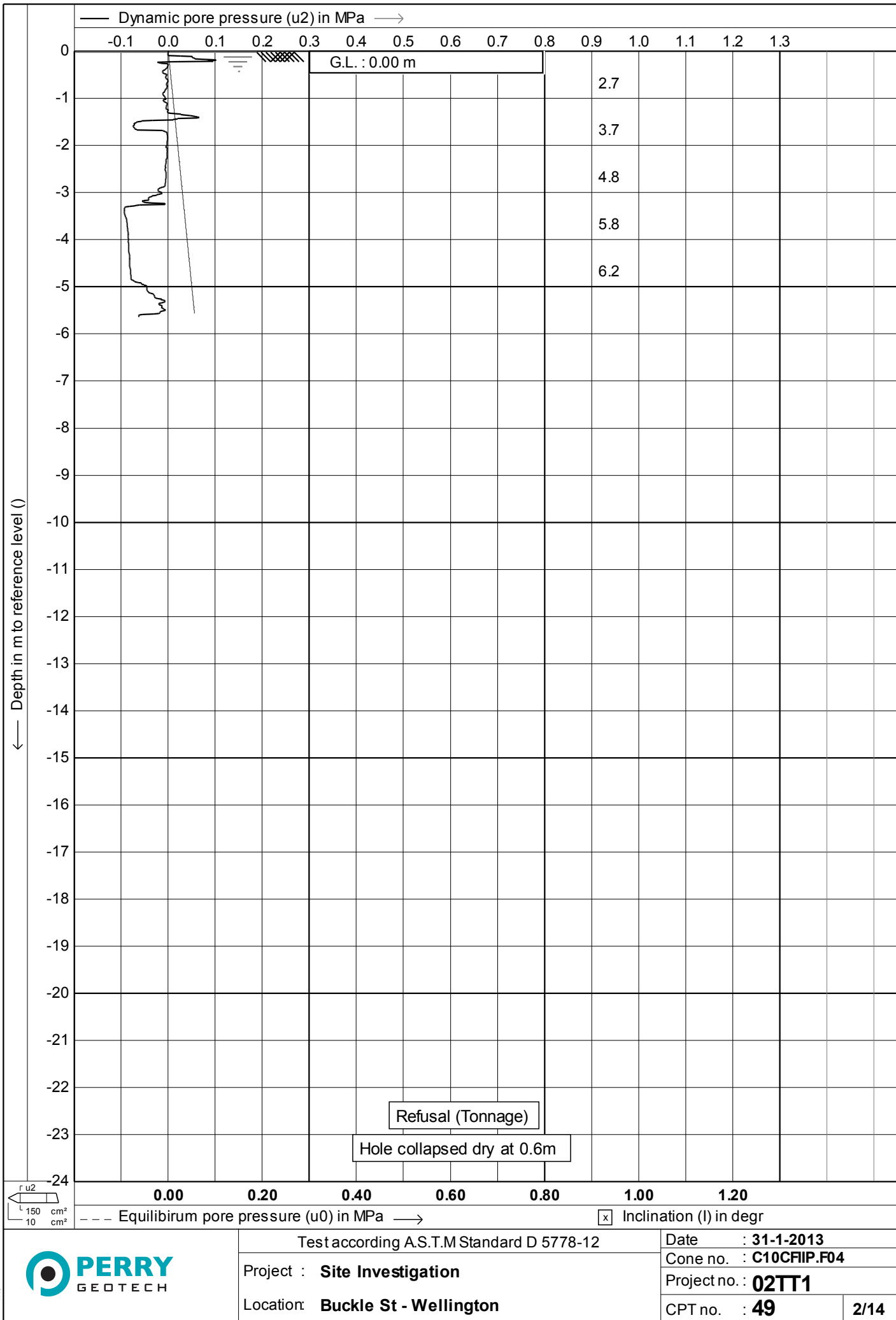


Depth in m to reference level ()





← Depth in m to reference level ()

— 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

31.5 ->

23.7 ->

Refusal (Tonnage)

Hole collapsed dry at 0.6m

150 cm²
10 cm²



Test according A.S.T.M Standard D 5778-12

Project : **Site Investigation**

Location: **Buckle St - Wellington**

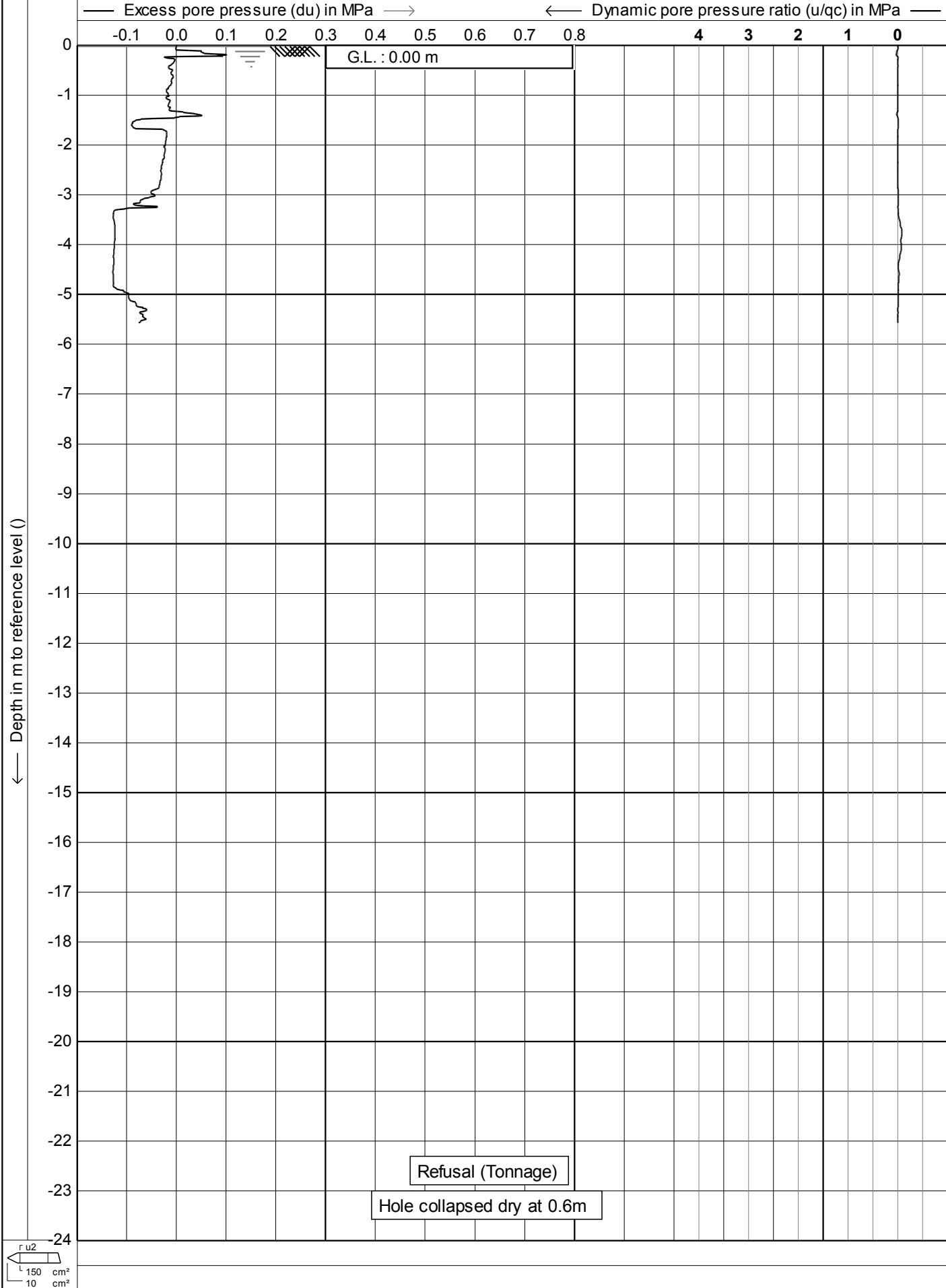
Date : **31-1-2013**

Cone no. : **C10CFIP.F04**

Project no. : **02TT1**

CPT no. : **49**

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Test according A.S.T.M Standard D 5778-12

Project : **Site Investigation**

Location: **Buckle St - Wellington**

Date : **31-1-2013**

Cone no. : **C10CFIIP.F04**

Project no. : **02TT1**

CPT no. : **49**

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← Depth in m to reference level ()

— 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

31.5 ->

Refusal (Tonnage)

Hole collapsed dry at 0.6m

150 cm²
10 cm²



Test according A.S.T.M Standard D 5778-12

Project : **Site Investigation**

Location: **Buckle St - Wellington**

Date : **31-1-2013**

Cone no. : **C10CFIP.F04**

Project no. : **02TT1**

CPT no. : **49**

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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. : 0.00 m

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

Refusal (Tonnage)

Hole collapsed dry at 0.6m

150 cm²
10 cm²

100 200 300 400 500 600 700

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



Test according A.S.T.M Standard D 5778-12

Project : **Site Investigation**

Location: **Buckle St - Wellington**

Date : **31-1-2013**

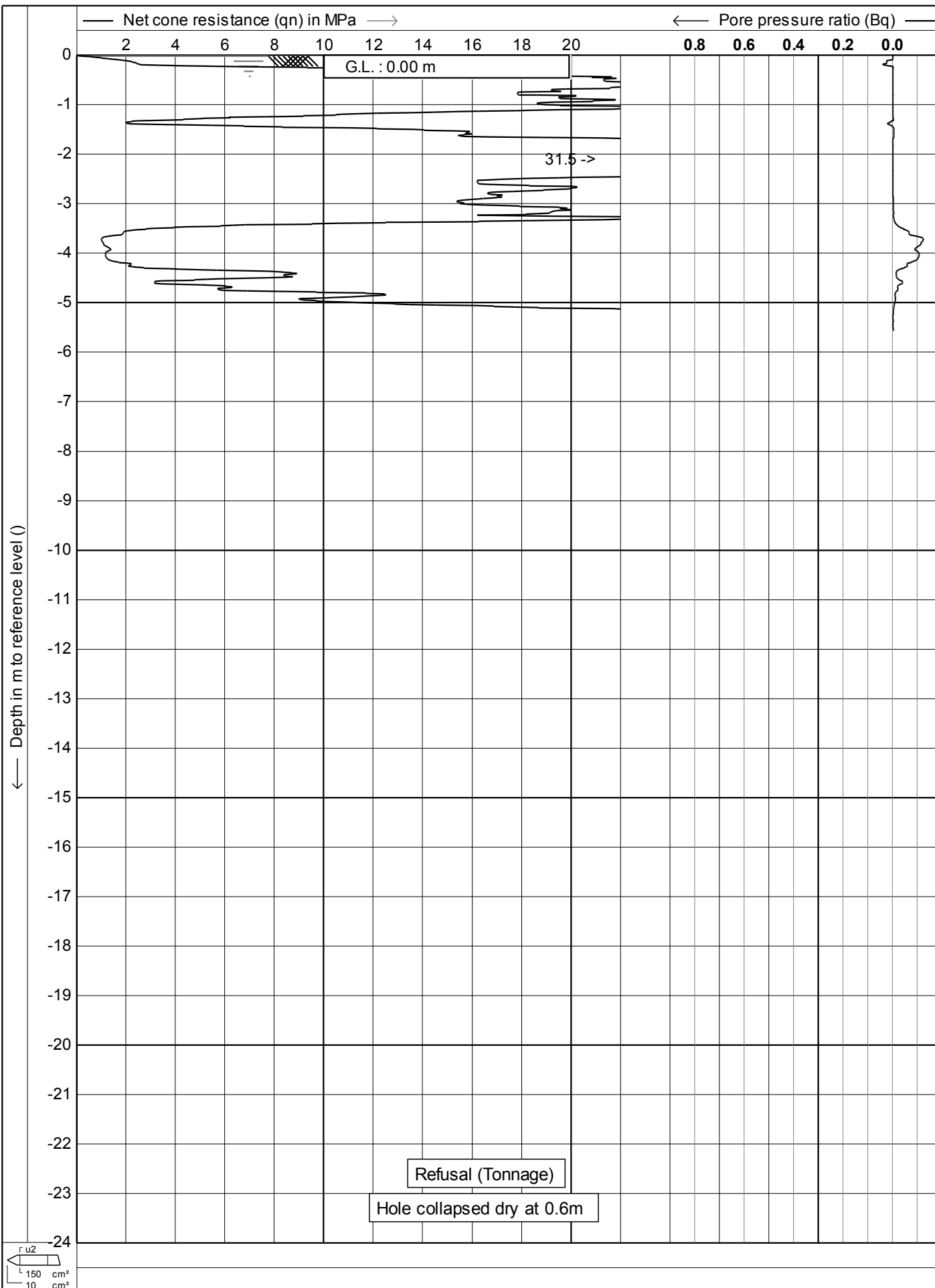
Cone no. : **C10CFIP.F04**

Project no. : **02TT1**

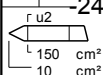
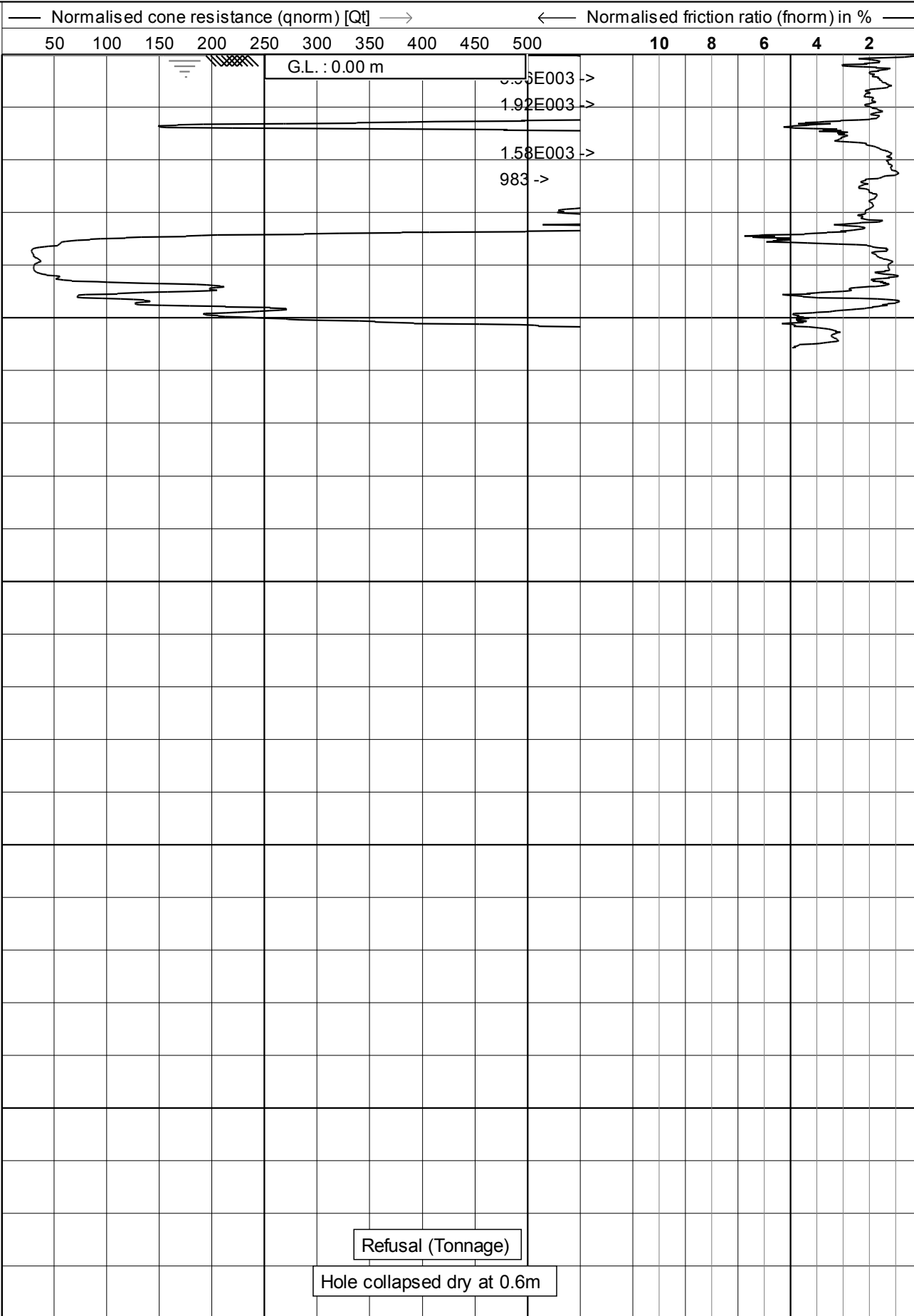
CPT no. : **49**

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Depth in m to reference level ()



← Depth in m to reference level ()



← Depth in m to reference level ()

— 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. : 0.00 m

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

(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 A.S.T.M Standard D 5778-12

Project : **Site Investigation**

Location: **Buckle St - Wellington**

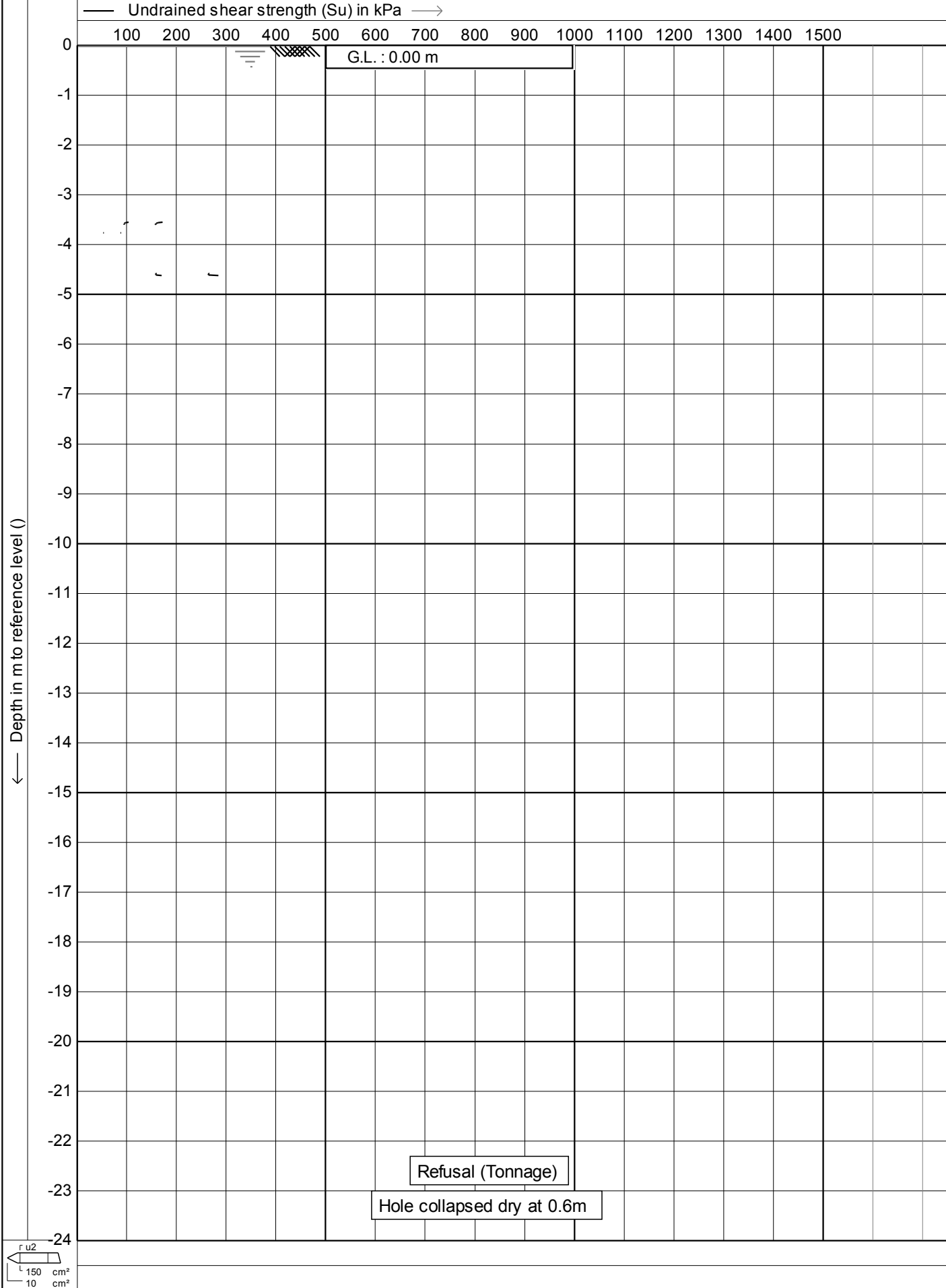
Date : **31-1-2013**

Cone no. : **C10CFIIP.F04**

Project no. : **02TT1**

CPT no. : **49**

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← Depth in m to reference level ()

— Relative density (consolidated) in % →

10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

G.L. : 0.00 m

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

Refusal (Tonnage)

Hole collapsed dry at 0.6m

$\frac{r}{u^2}$
150 cm²
10 cm²

20

40

60

80

100

120

140

--- Relative density (over-consolidated) in % →



Test according A.S.T.M Standard D 5778-12

Project : **Site Investigation**

Location: **Buckle St - Wellington**

Date : **31-1-2013**

Cone no. : **C10CFIP.F04**

Project no. : **02TT1**

CPT no. : **49**

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← 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. : 0.00 m

Refusal (Tonnage)

Hole collapsed dry at 0.6m

150 cm²
10 cm²



Test according A.S.T.M Standard D 5778-12

Project : **Site Investigation**

Location: **Buckle St - Wellington**

Date : **31-1-2013**

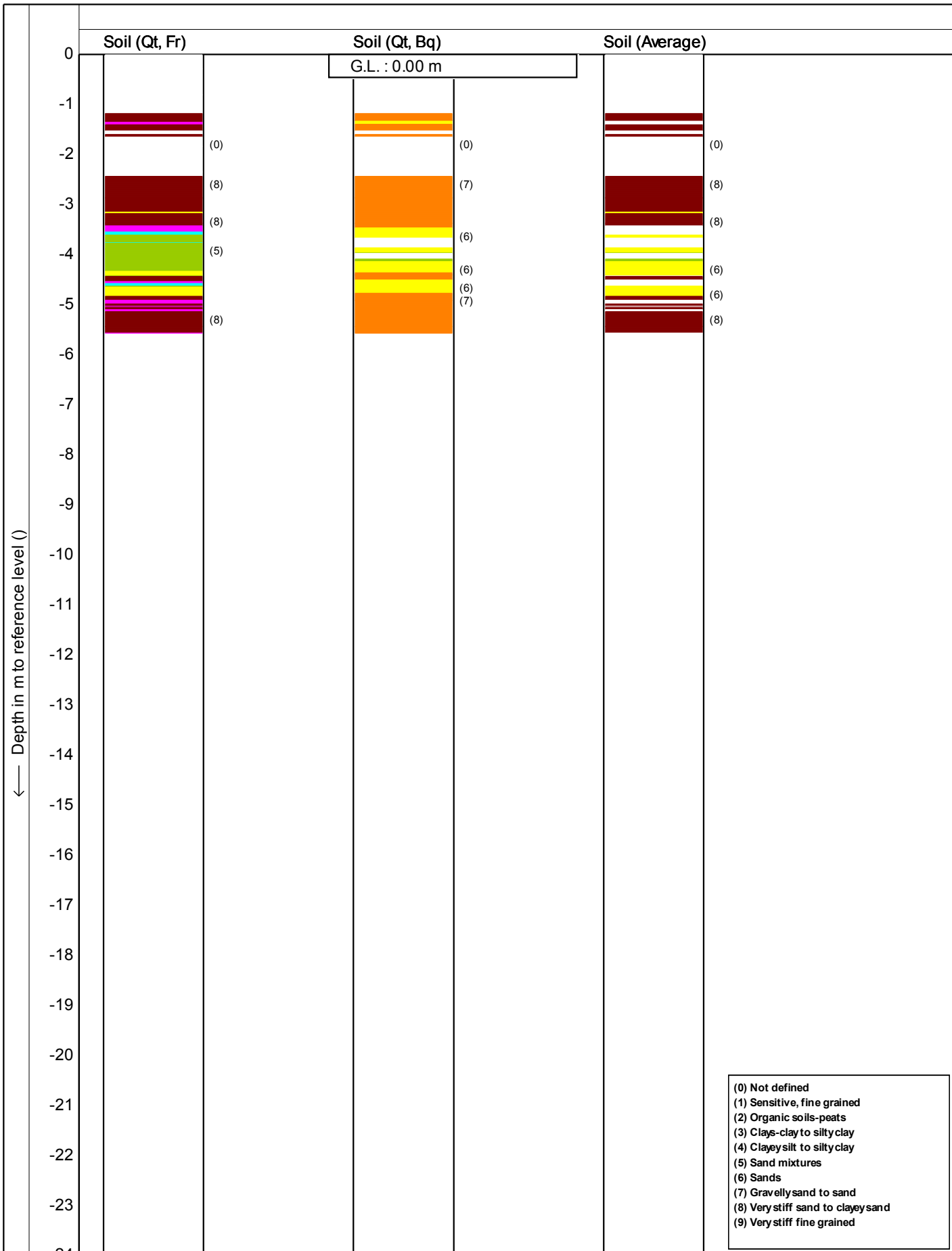
Cone no. : **C10CFIP.F04**

Project no. : **02TT1**

CPT no. : **49**

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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

	Test according A.S.T.M Standard D 5778-12		Date : 31-1-2013	
	Project : Site Investigation		Cone no. : C10CFIP.F04	
	Location: Buckle St - Wellington		Project no. : 02TT1	
			CPT no. : 49	13/14

← 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. : 0.00 m

Refusal (Tonnage)

Hole collapsed dry at 0.6m

150 cm²
10 cm²



Test according A.S.T.M Standard D 5778-12

Project : **Site Investigation**

Location: **Buckle St - Wellington**

Date : **31-1-2013**

Cone no. : **C10CFIP.F04**

Project no. : **02TT1**

CPT no. : **49**

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