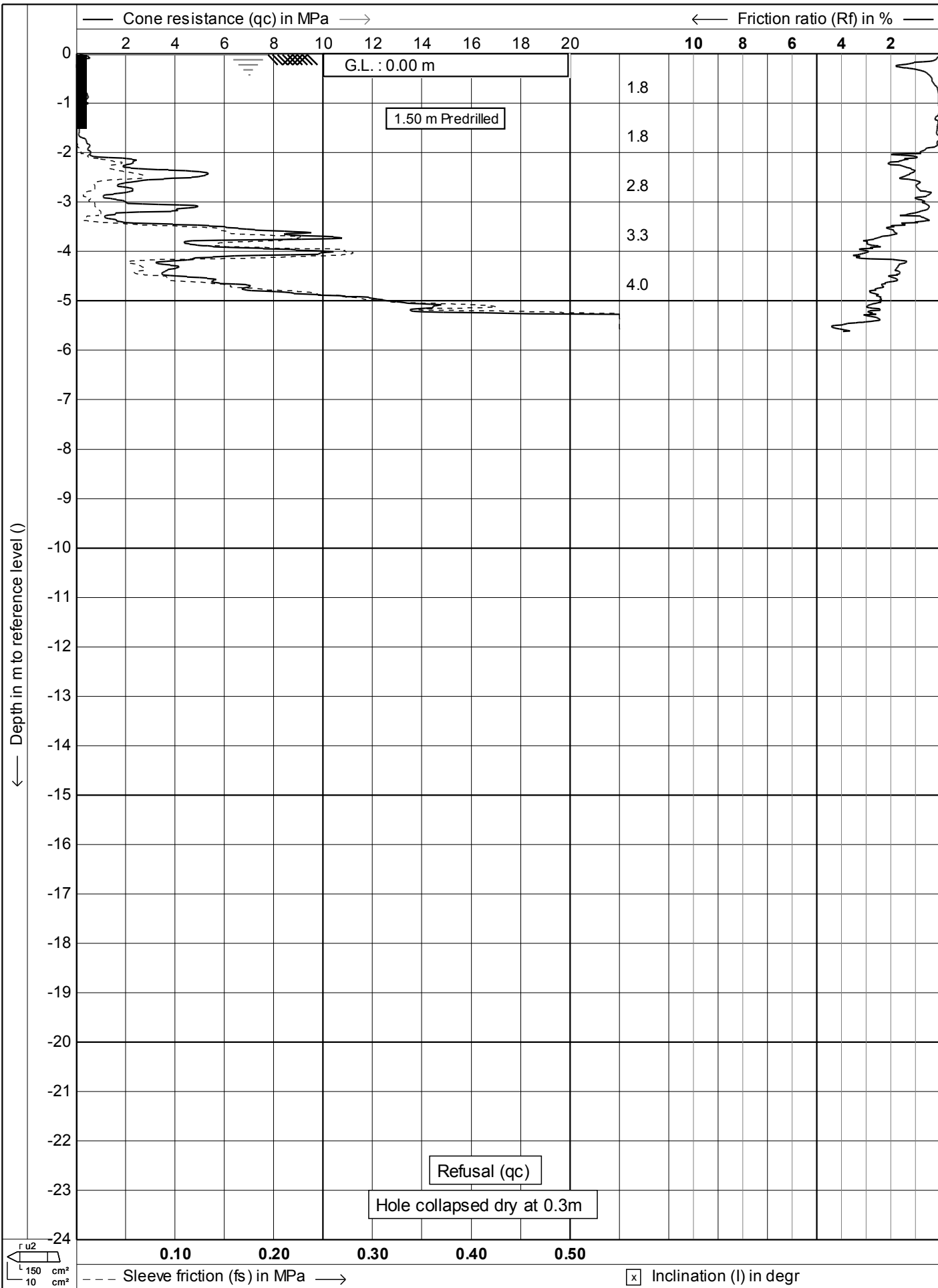


Depth in m to reference level ()



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

Project : **Site Investigation**

Location: **Ellice St - Wellington**

Date : **31-1-2013**

Cone no. : **C10CFIP.F04**

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← Depth in m to reference level ()

— Dynamic pore pressure (u_2) in MPa →

-0.1 0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3

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

1.50 m Predrilled

1.8
1.8
2.8
3.3
4.0

Refusal (q_c)

Hole collapsed dry at 0.3m

0.00 0.20 0.40 0.60 0.80 1.00 1.20
--- Equilibrium pore pressure (u_0) in MPa →

☒ Inclination (I) in degr



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

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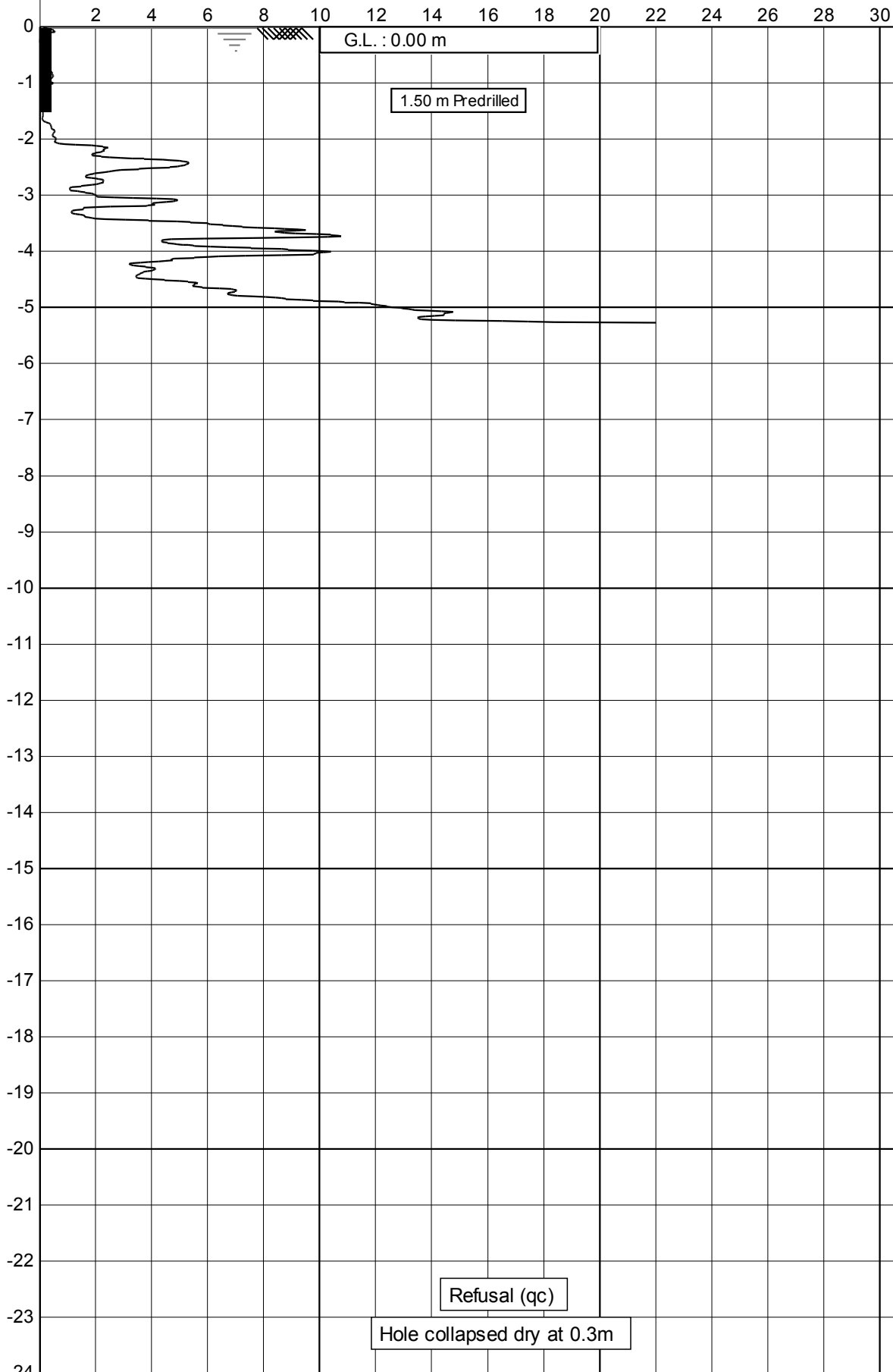
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← Depth in m to reference level ()

— Corrected cone resistance (qt) in MPa —→



150 cm²
10 cm²



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

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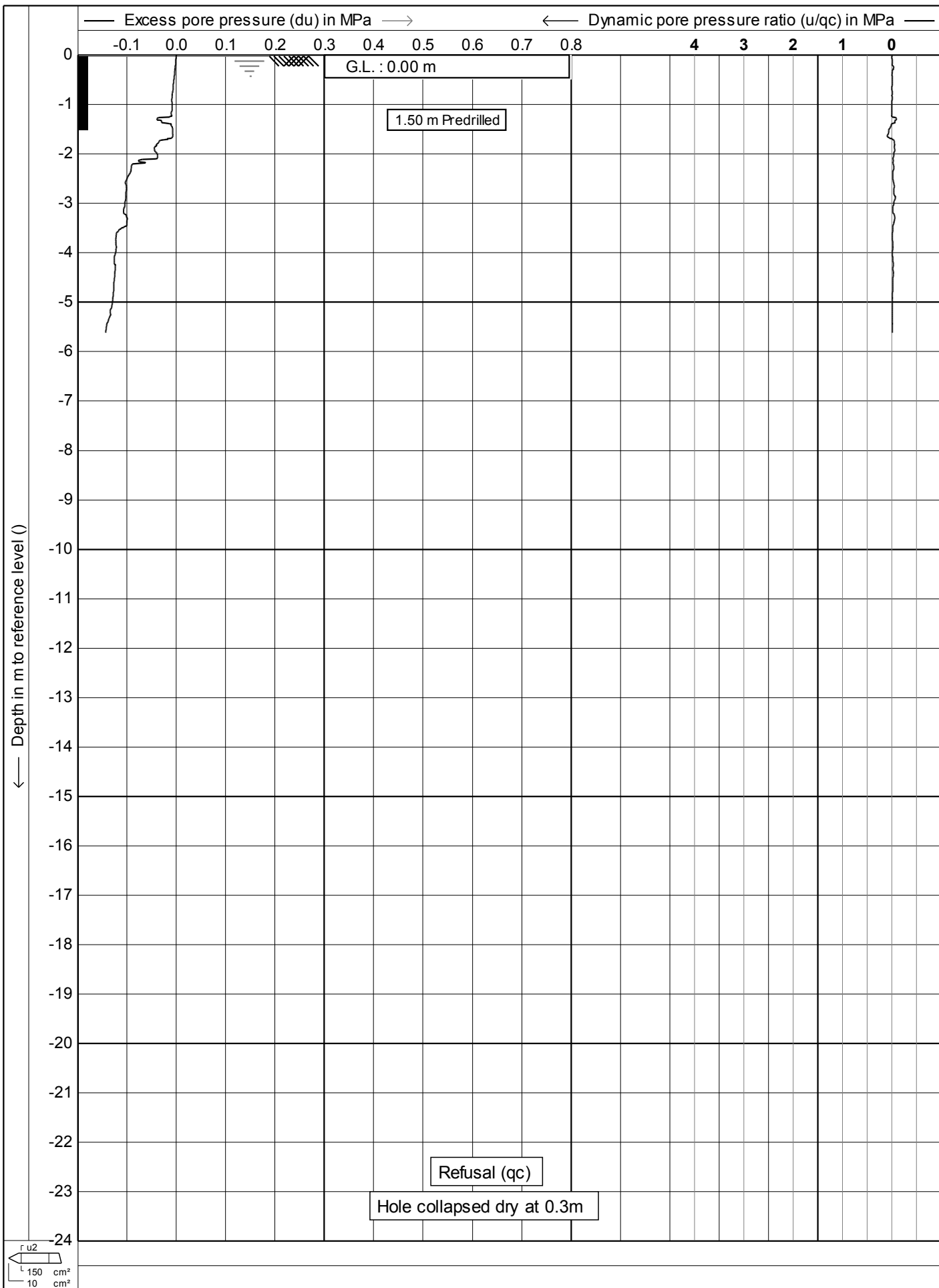
Date : **31-1-2013**

Cone no. : **C10CFIP.F04**

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← Depth in m to reference level ()

— Effective cone resistance (qc) in MPa —→

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

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

1.50 m Predrilled

Refusal (qc)

Hole collapsed dry at 0.3m

150 cm²
10 cm²



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

Project : **Site Investigation**

Location: **Ellice St - Wellington**

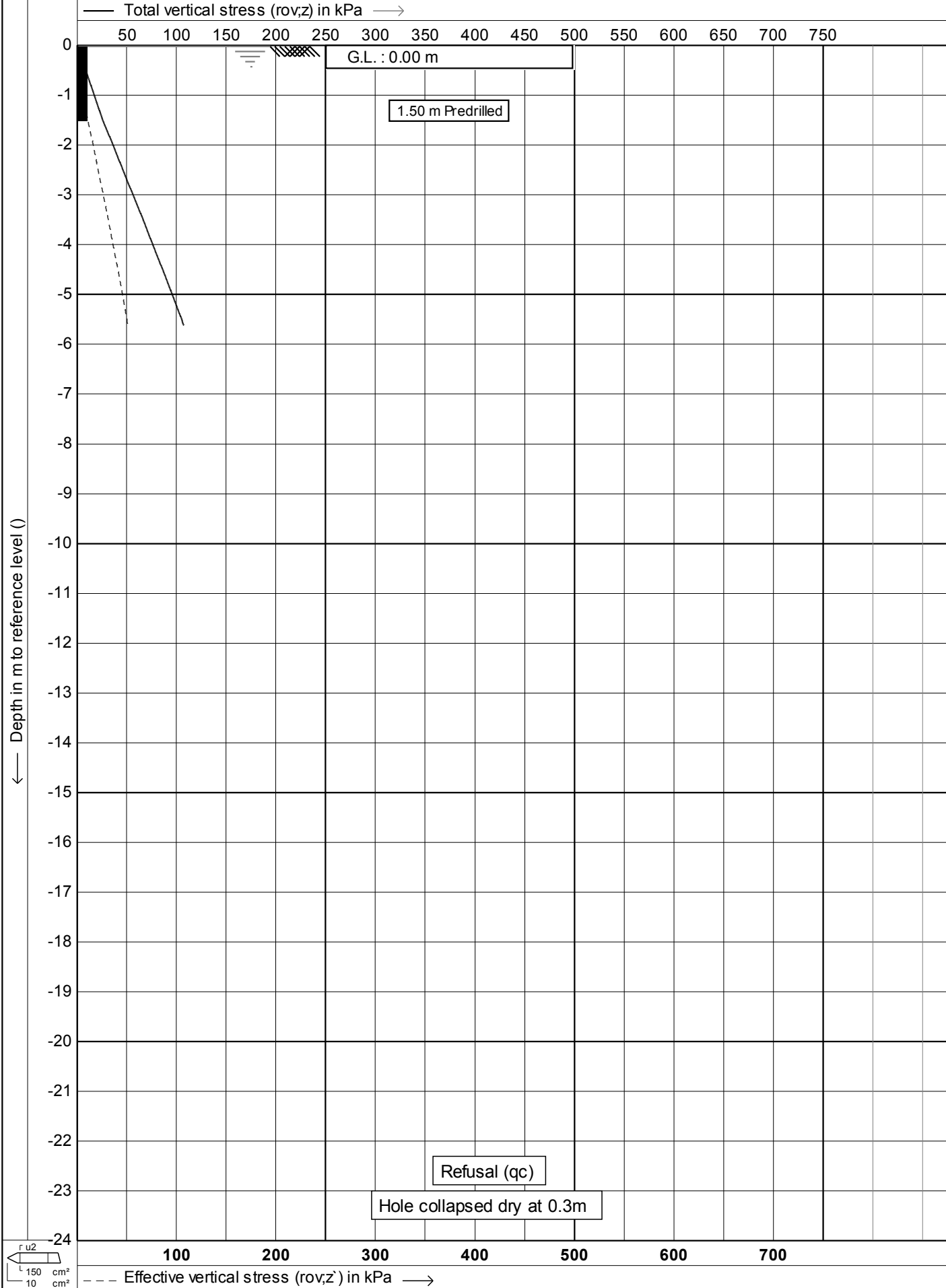
Date : **31-1-2013**

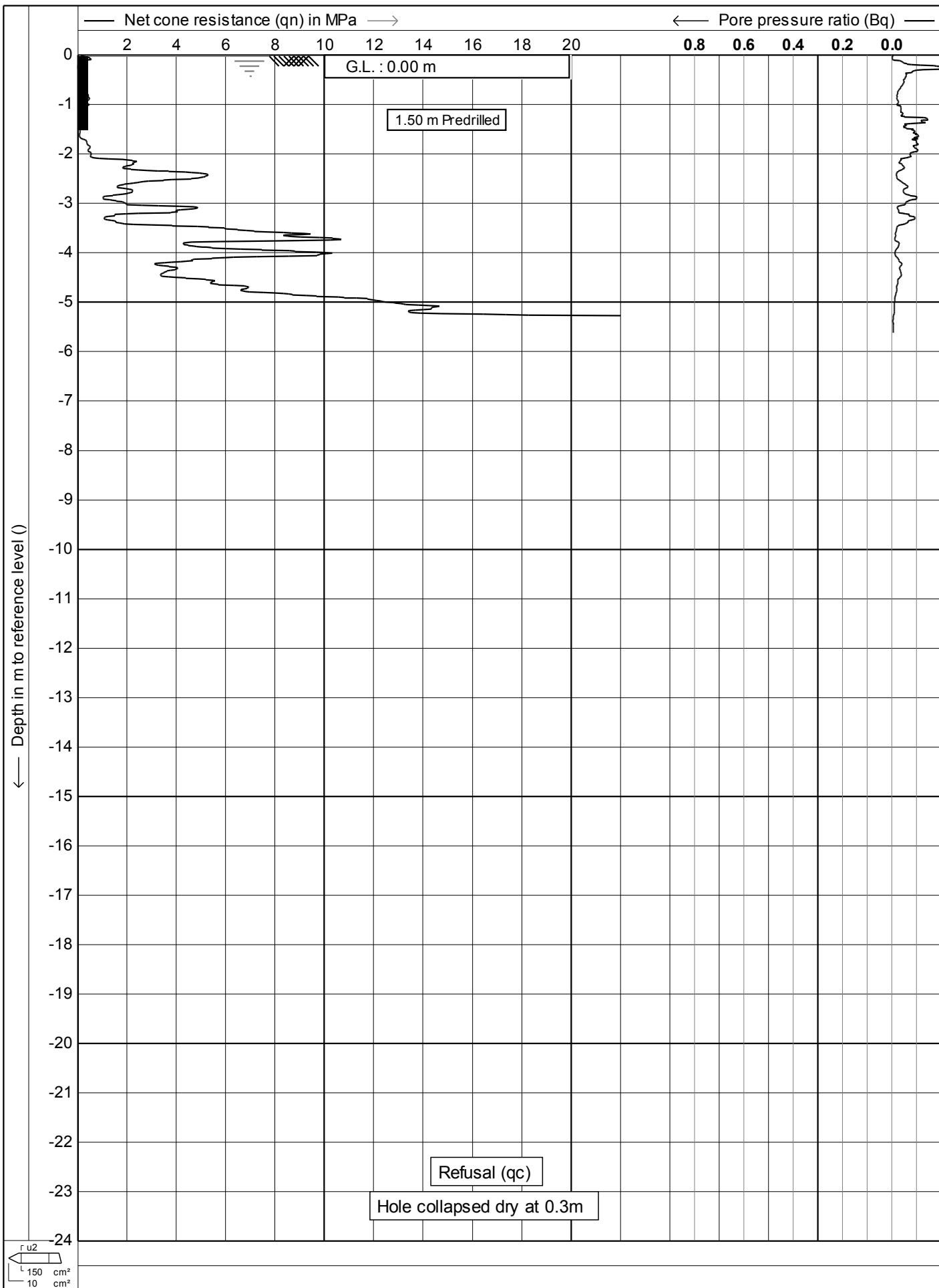
Cone no. : **C10CFIP.F04**

Project no. : **02TT1**

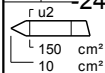
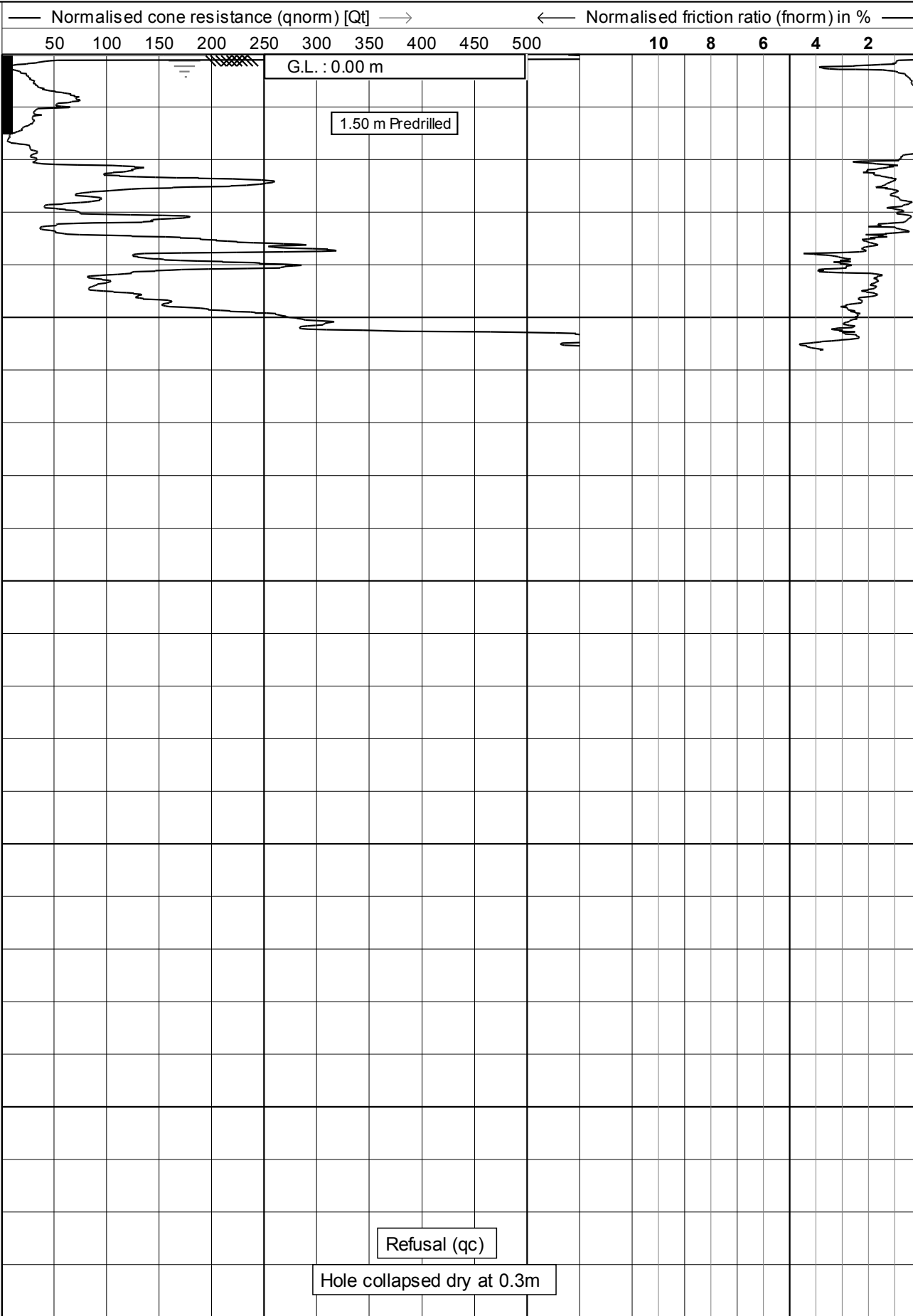
CPT no. : **42**

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← Depth in m to reference level ()



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

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Cone no. : **C10CFIP.F04**

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← 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

1.50 m Predrilled

(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

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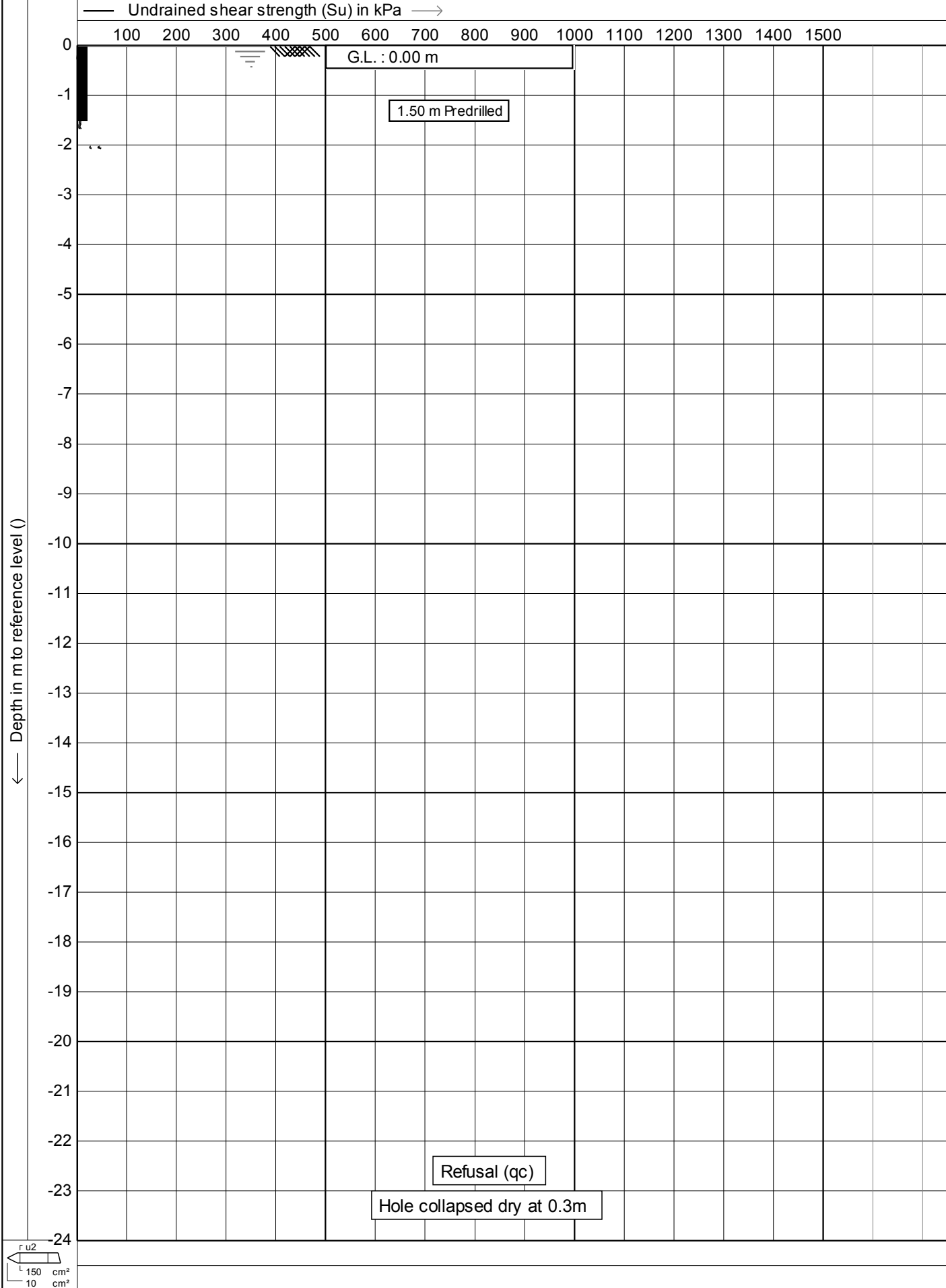
Date : **31-1-2013**

Cone no. : **C10CFIP.F04**

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

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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

1.50 m Predrilled

Refusal (qc)

Hole collapsed dry at 0.3m

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

20

40

60

80

100

120

140



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

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← Depth in m to reference level ()

— Equivalent SPT N60 Value —→

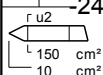
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

G.L. : 0.00 m

1.50 m Predrilled

Refusal (qc)

Hole collapsed dry at 0.3m



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

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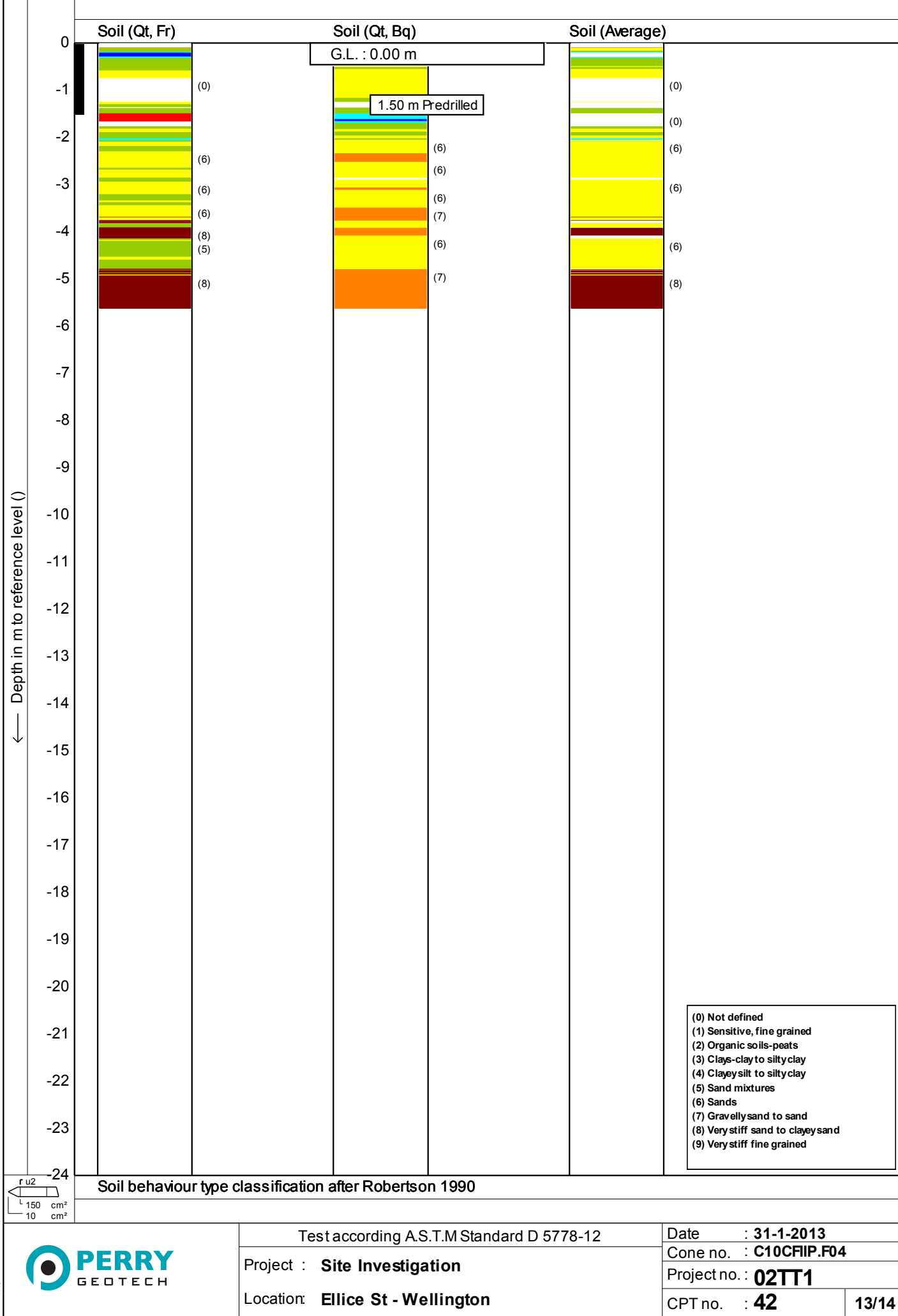
Date : **31-1-2013**

Cone no. : **C10CFIP.F04**

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← 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

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

1.50 m Predrilled

Refusal (qc)

Hole collapsed dry at 0.3m

150 cm²
10 cm²



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

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Date : **31-1-2013**

Cone no. : **C10CFIP.F04**

Project no. : **02TT1**

CPT no. : **42**

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