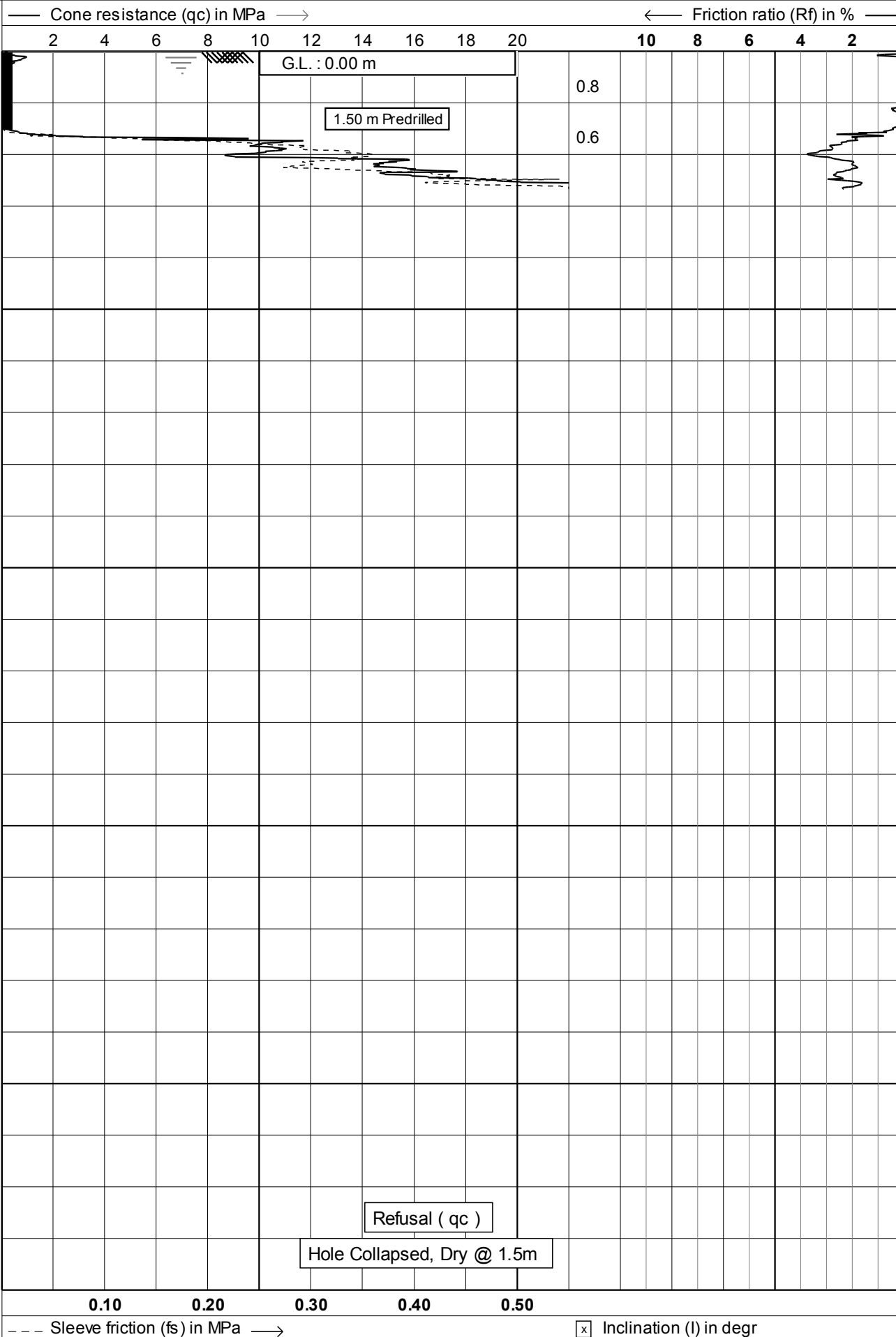


← Depth in m below ground level (G.L.)



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

— 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

0.8

0.6

Refusal (qc)

Hole Collapsed, Dry @ 1.5m

0.00

0.20

0.40

0.60

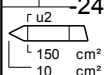
0.80

1.00

1.20

--- Equilibrium pore pressure (u_0) in MPa →

☒ Inclination (I) in degr



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

Project : **NZTA WICI IPAA Underpass**

Location: **Buckle St - Wellington**

Date : **11-9-2012**

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

Project no. : **02GD1**

CPT no. : **03**

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← 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

1.50 m Predrilled

Refusal (qc)

Hole Collapsed, Dry @ 1.5m

150 cm²
10 cm²



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

Project : **NZTA WICI IPAA Underpass**

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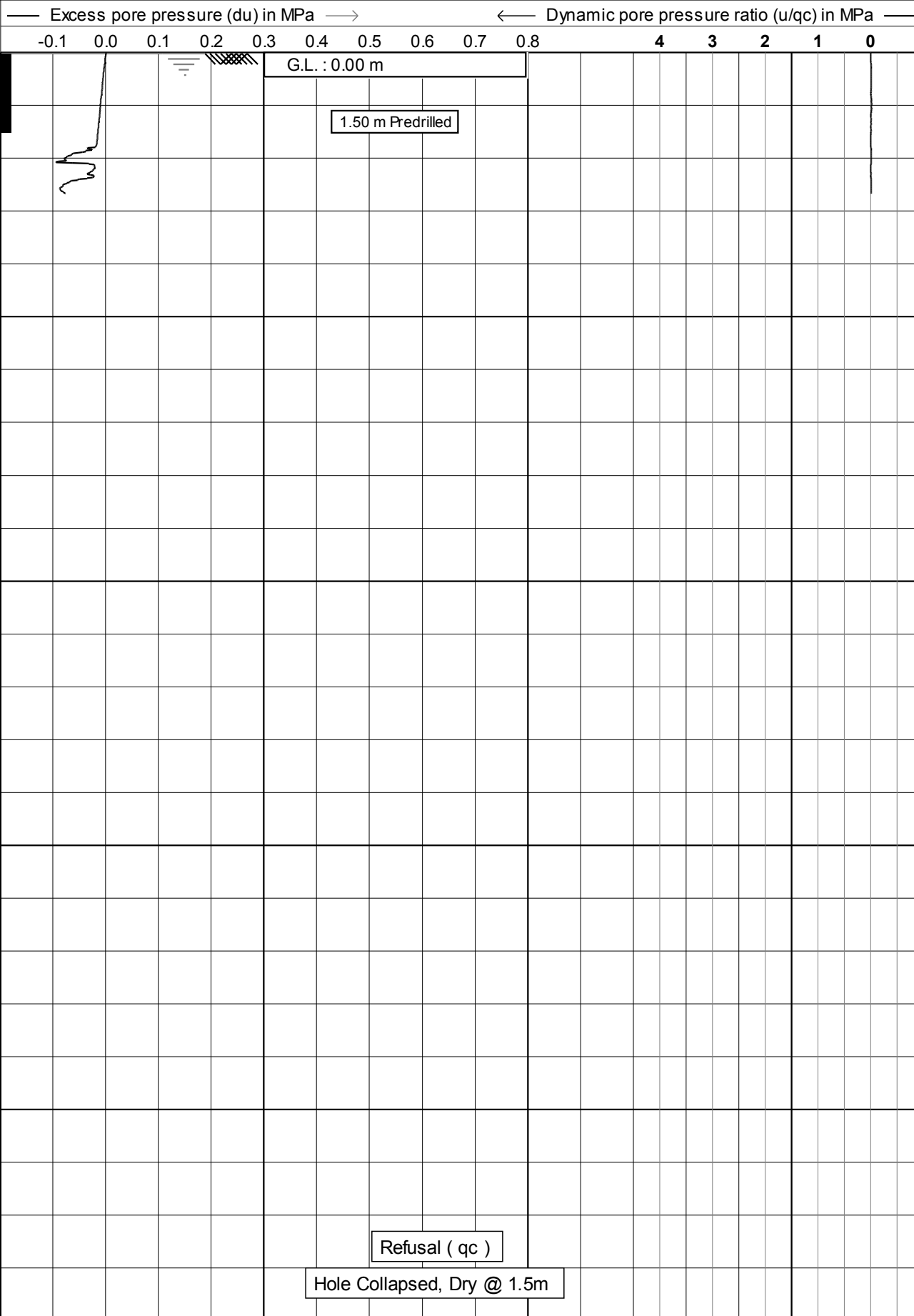
Cone no. : **C10CFIIP.F56.cal**

Project no. : **02GD1**

CPT no. : **03**

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



150 cm²
10 cm²



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

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CPT no. : **03**

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← 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

1.50 m Predrilled

Refusal (q_c)

Hole Collapsed, Dry @ 1.5m

150 cm²
10 cm²



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

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

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CPT no. : **03**

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← 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

1.50 m Predrilled

Refusal (qc)

Hole Collapsed, Dry @ 1.5m

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

100

200

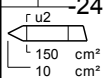
300

400

500

600

700



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

Project : **NZTA WICI IPAA Underpass**

Location: **Buckle St - Wellington**

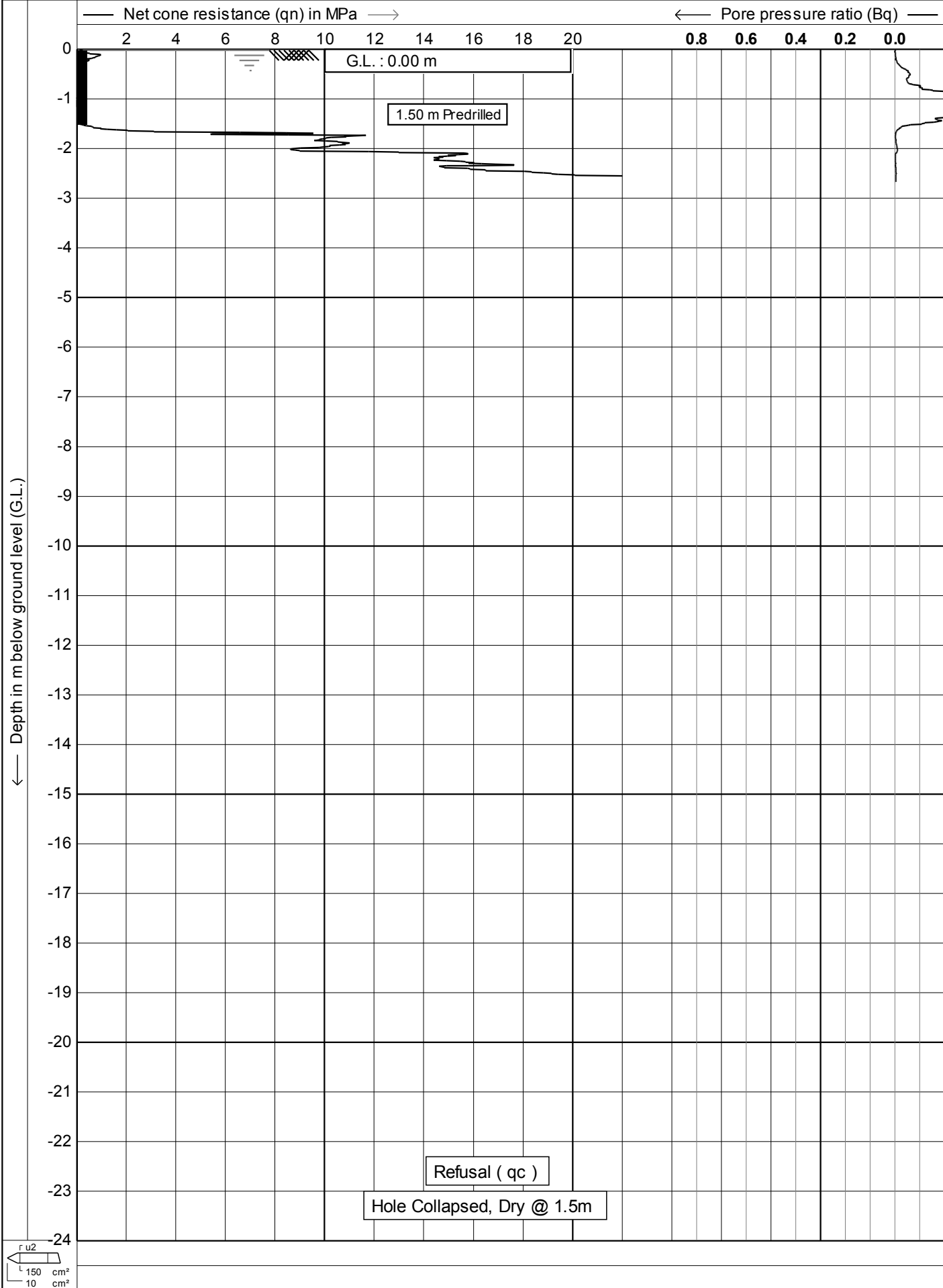
Date : **11-9-2012**

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

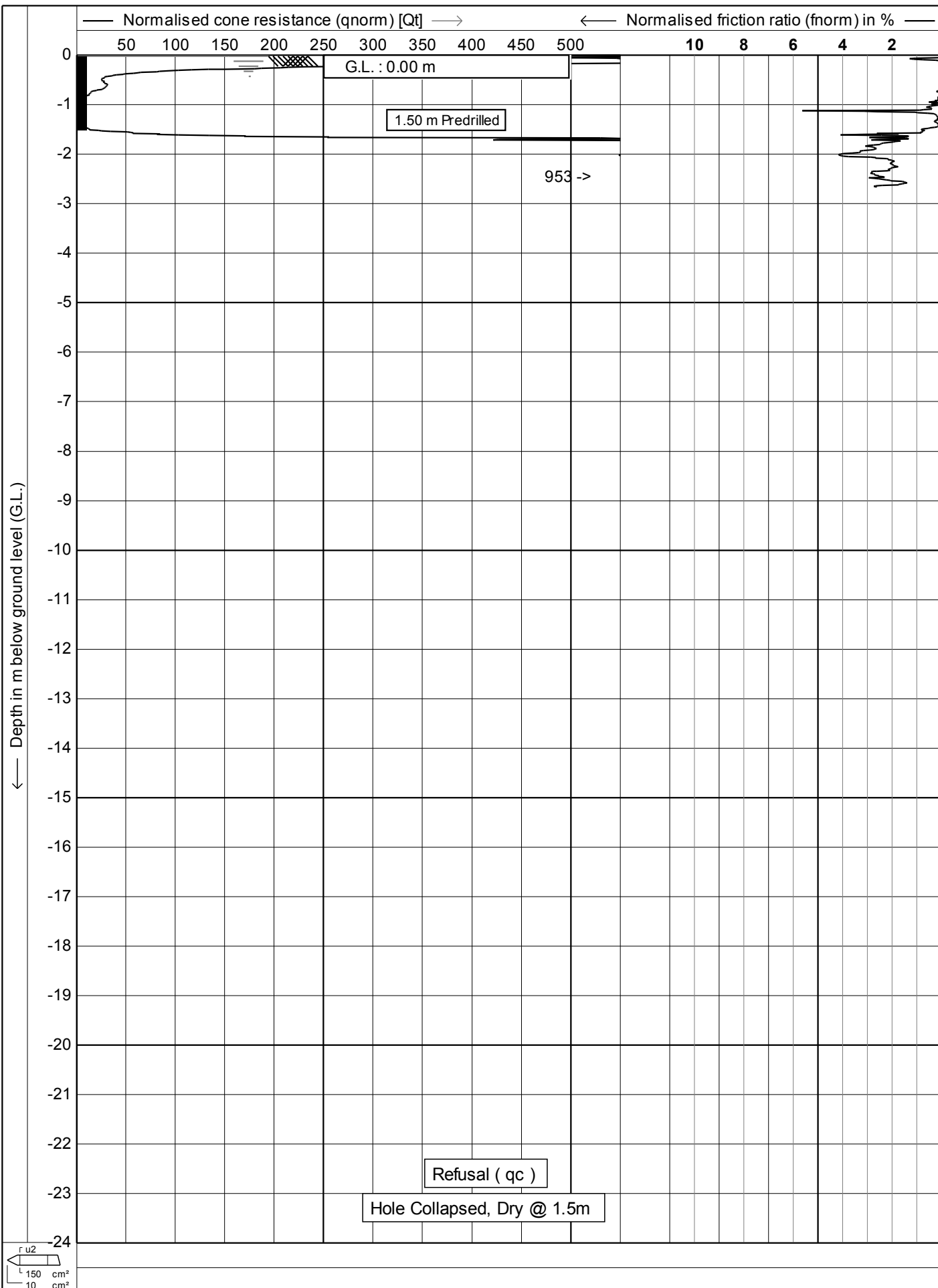
Project no. : **02GD1**

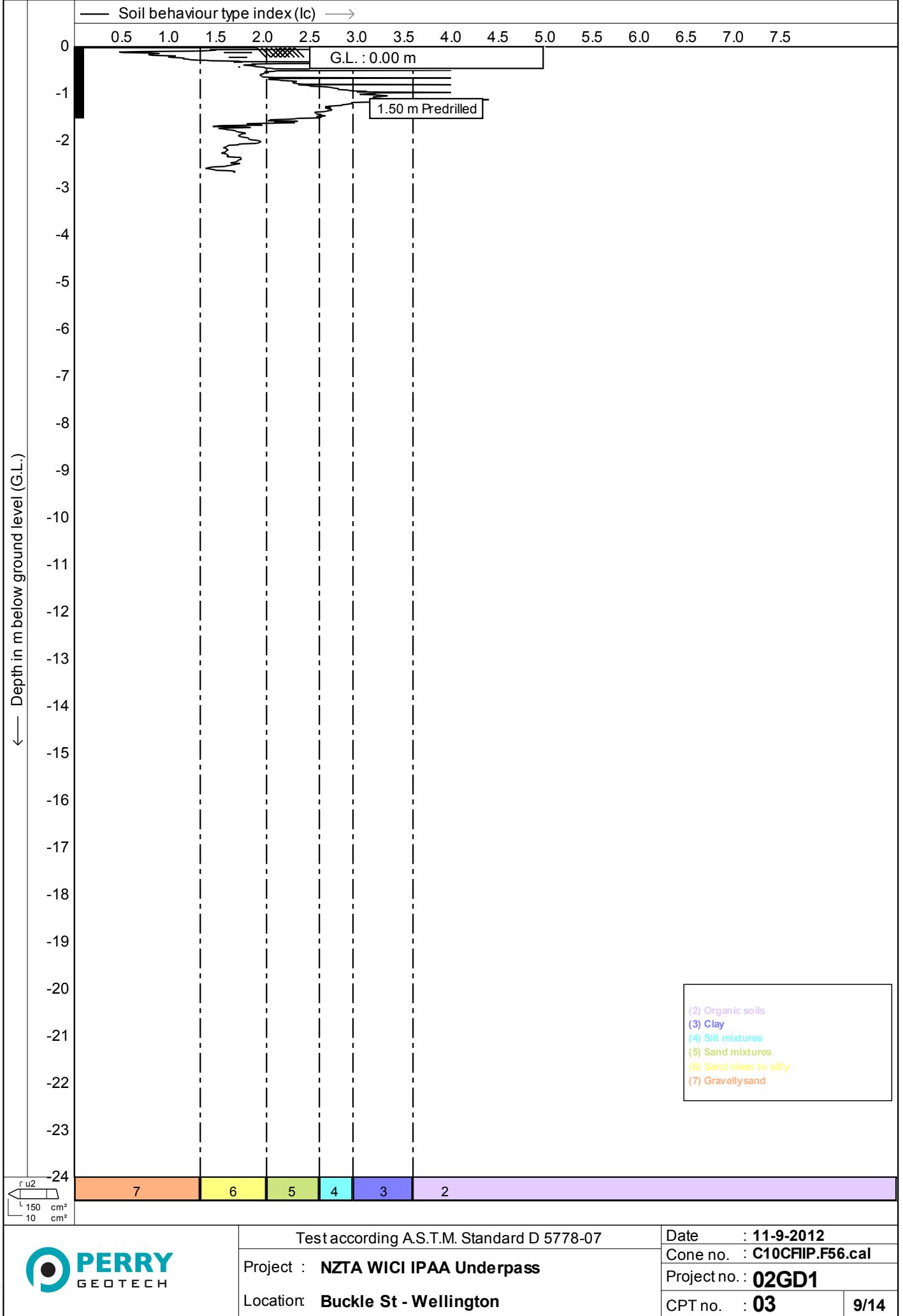
CPT no. : **03**

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





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

— Undrained shear strength (Su) in kPa —→

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

G.L. : 0.00 m

1.50 m Predrilled

Refusal (qc)

Hole Collapsed, Dry @ 1.5m

150 cm²
10 cm²



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

Project : **NZTA WICI IPAA Underpass**

Location: **Buckle St - Wellington**

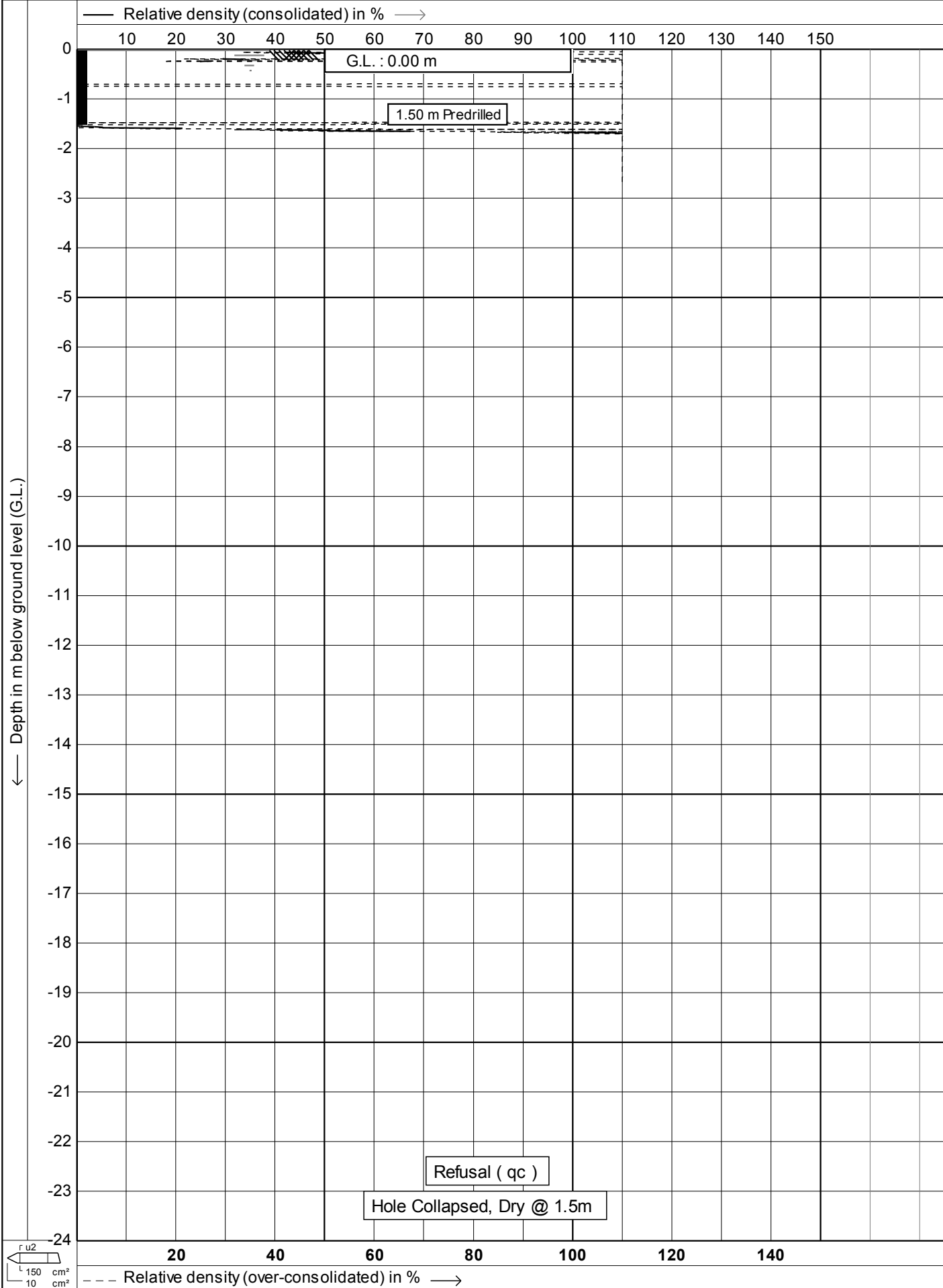
Date : **11-9-2012**

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

Project no. : **02GD1**

CPT no. : **03**

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

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Project no. : **02GD1**

CPT no. : **03**

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

— 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 @ 1.5m

150 cm²
10 cm²



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

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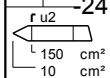
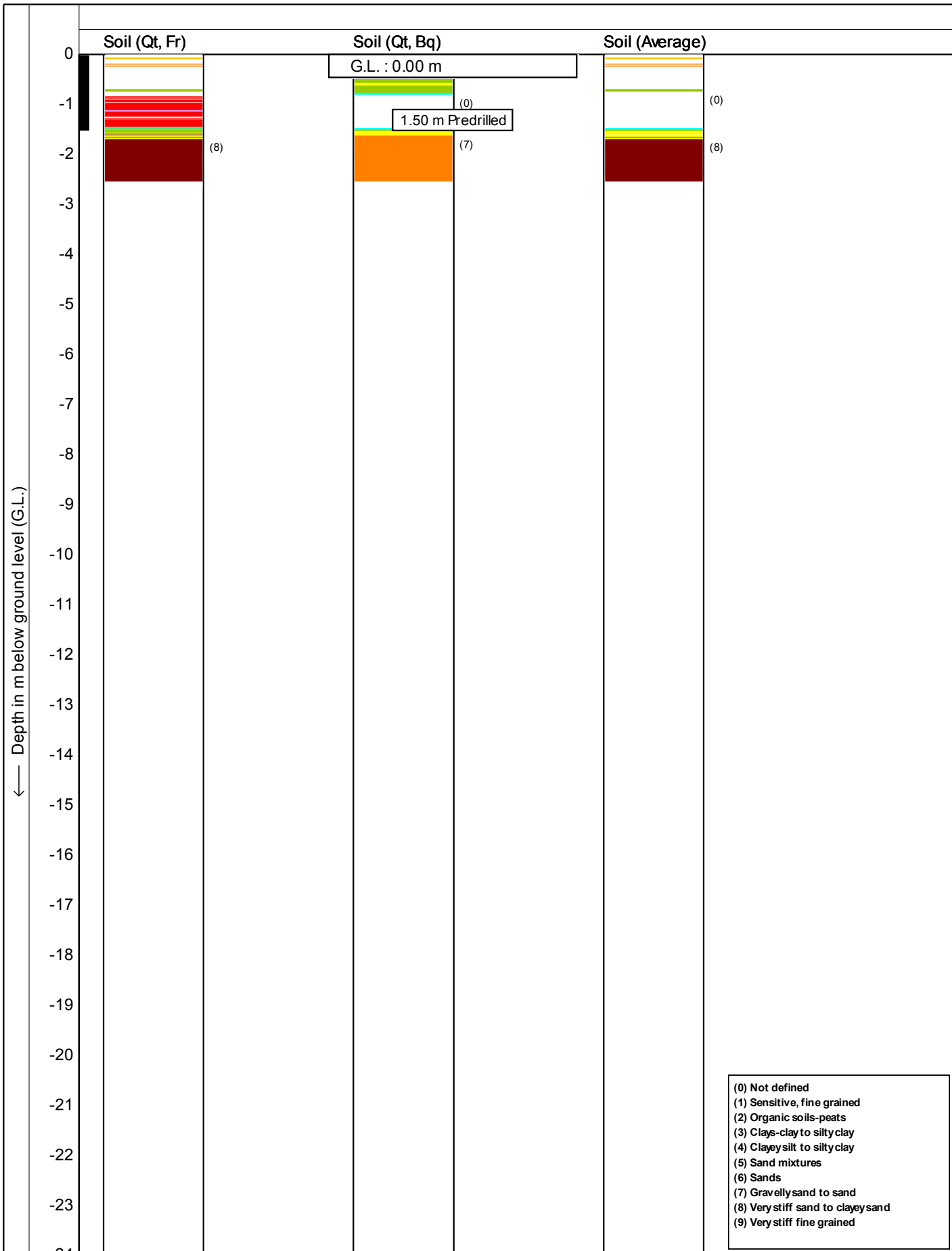
Cone no. : **C10CFIIP.F56.cal**

Project no. : **02GD1**

CPT no. : **03**

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



Soil behaviour type classification after Robertson 1990



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

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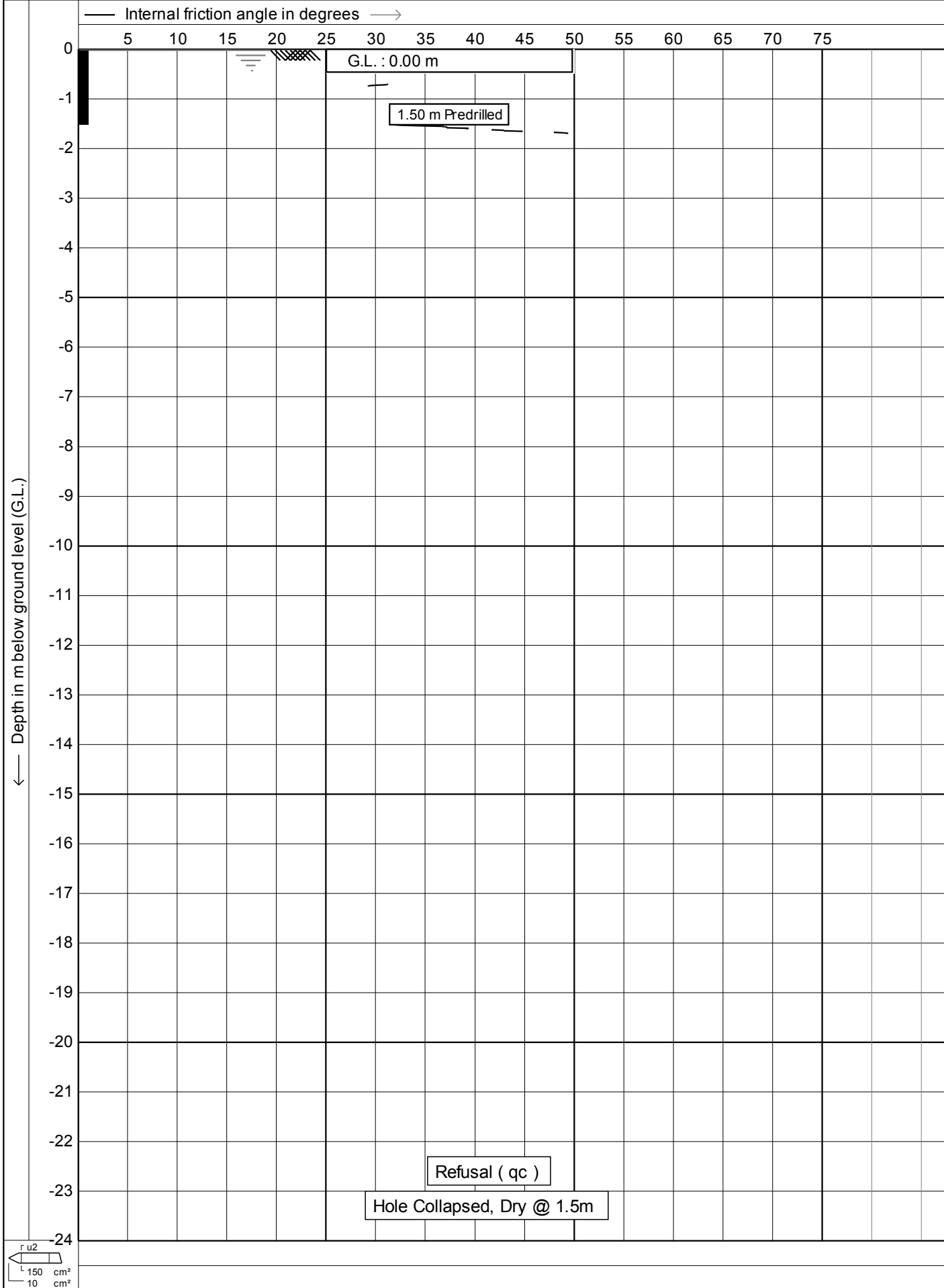
Date : **11-9-2012**

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

Project no. : **02GD1**

CPT no. : **03**

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

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CPT no. : **03**

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