

← 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

G.L. : 0.00 m

1.50 m Predrilled

1.9

4.8

4.5

4.7

4.7

4.8

4.8

4.6

4.7

4.0

Refusal

Hole Collapsed, Dry @ 0.3m

--- 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**

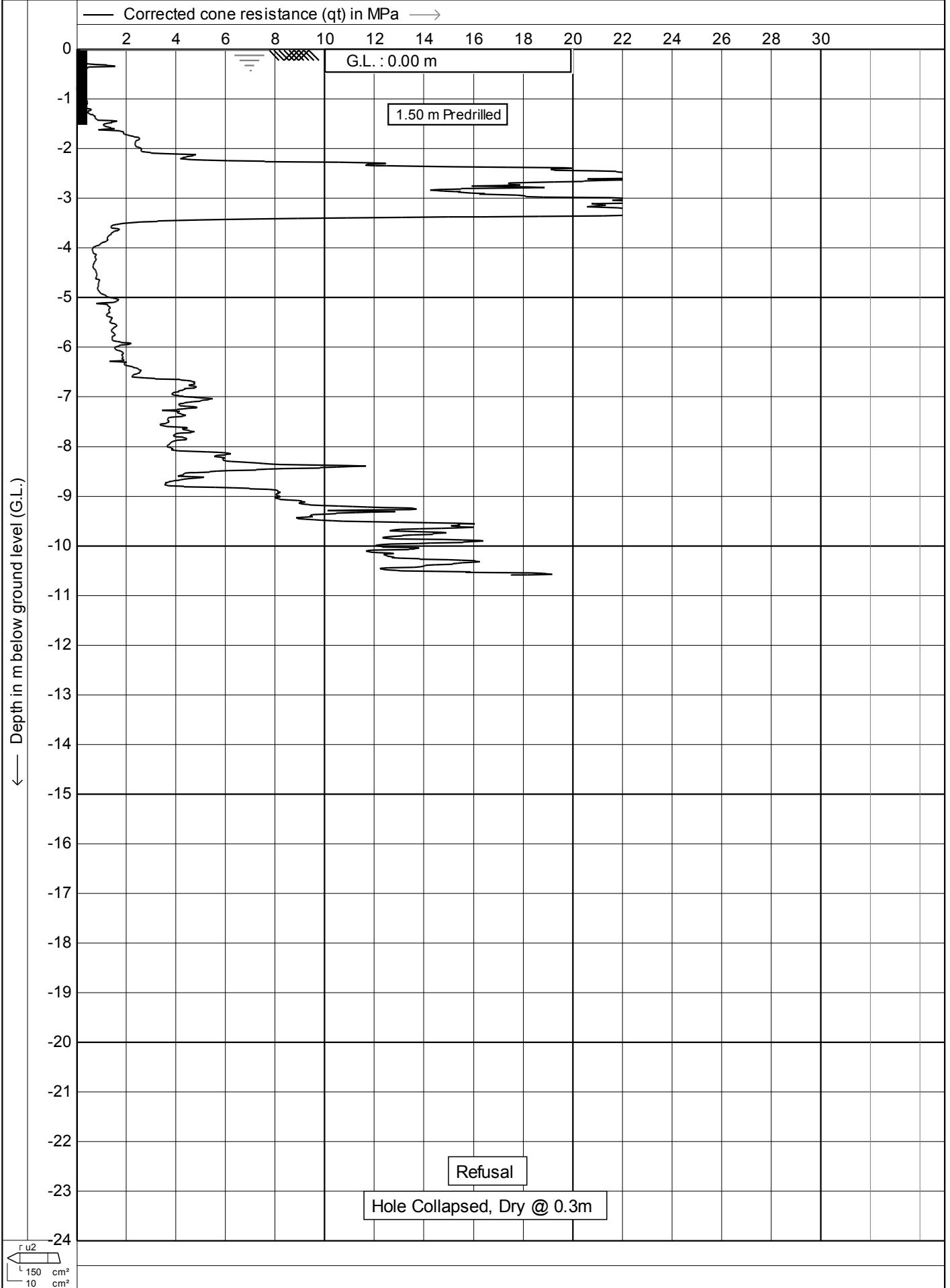
Date : **11-9-2012**

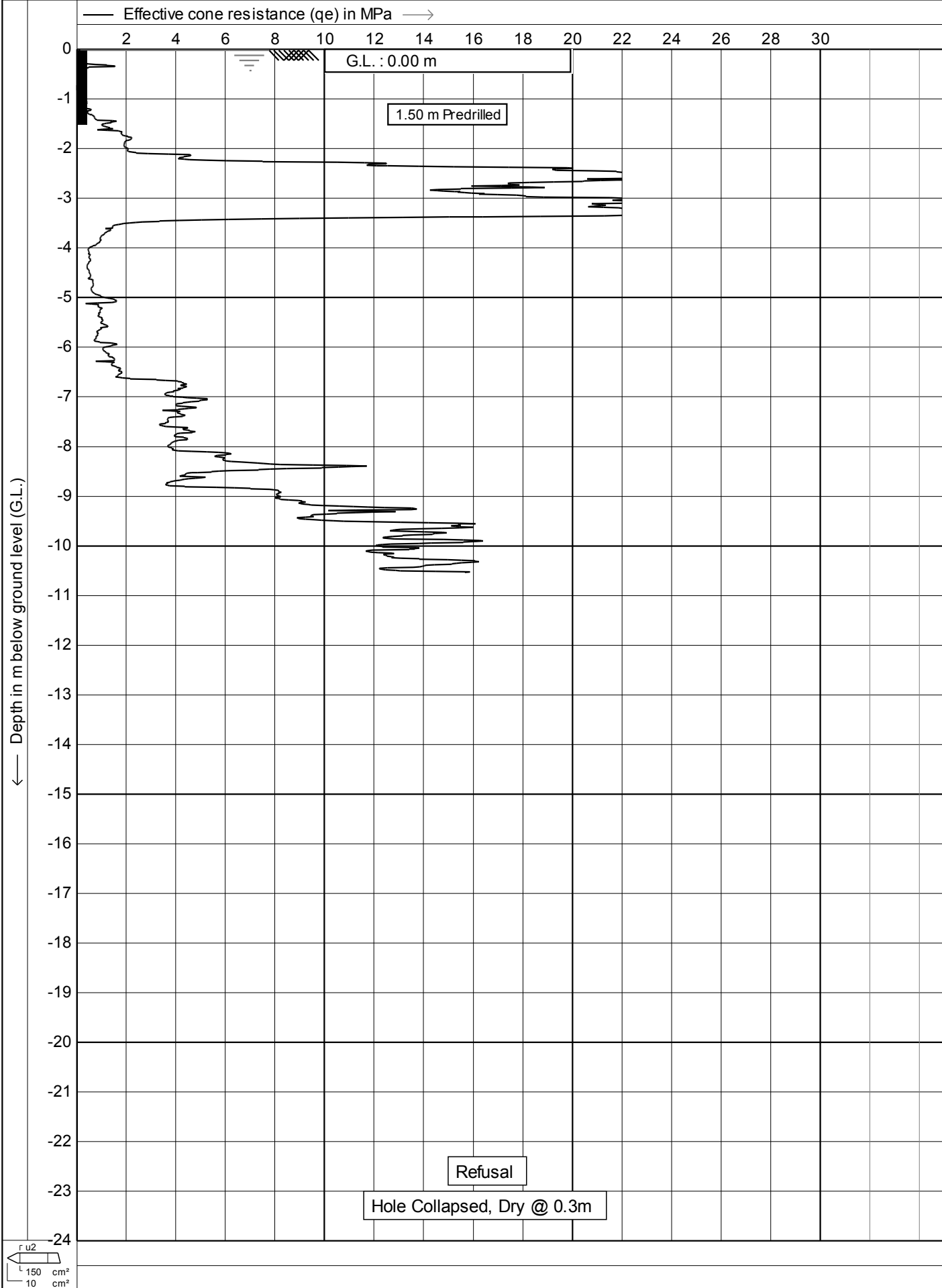
Cone no. : **C10CFIP.E30**

Project no. : **02GD1**

CPT no. : **SCPT3**

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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

Hole Collapsed, Dry @ 0.3m

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

100

200

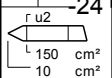
300

400

500

600

700



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Project : **NZTA WICI IPAA Underpass**

Location: **Buckle St - Wellington**

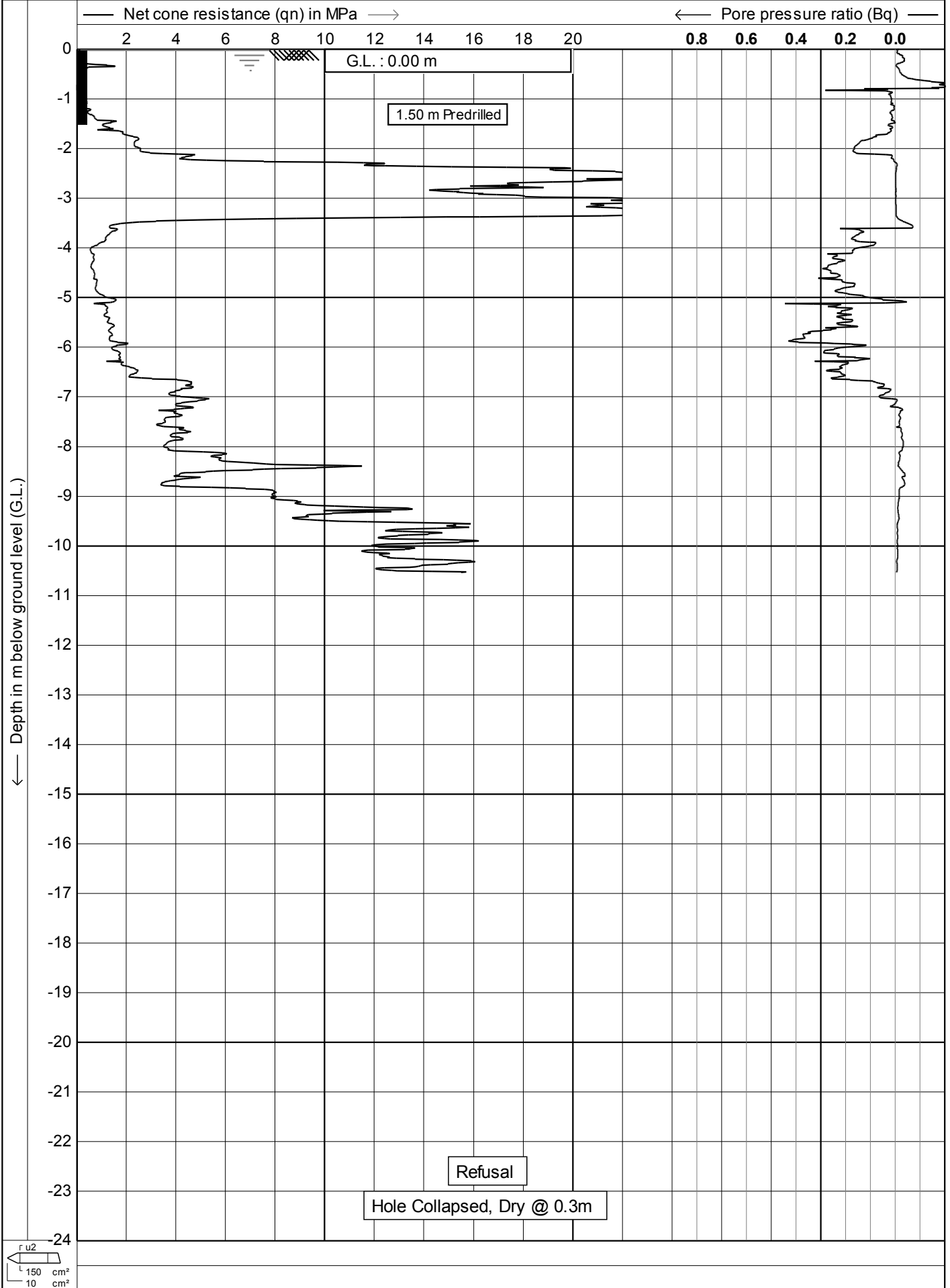
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Cone no. : **C10CFIP.E30**

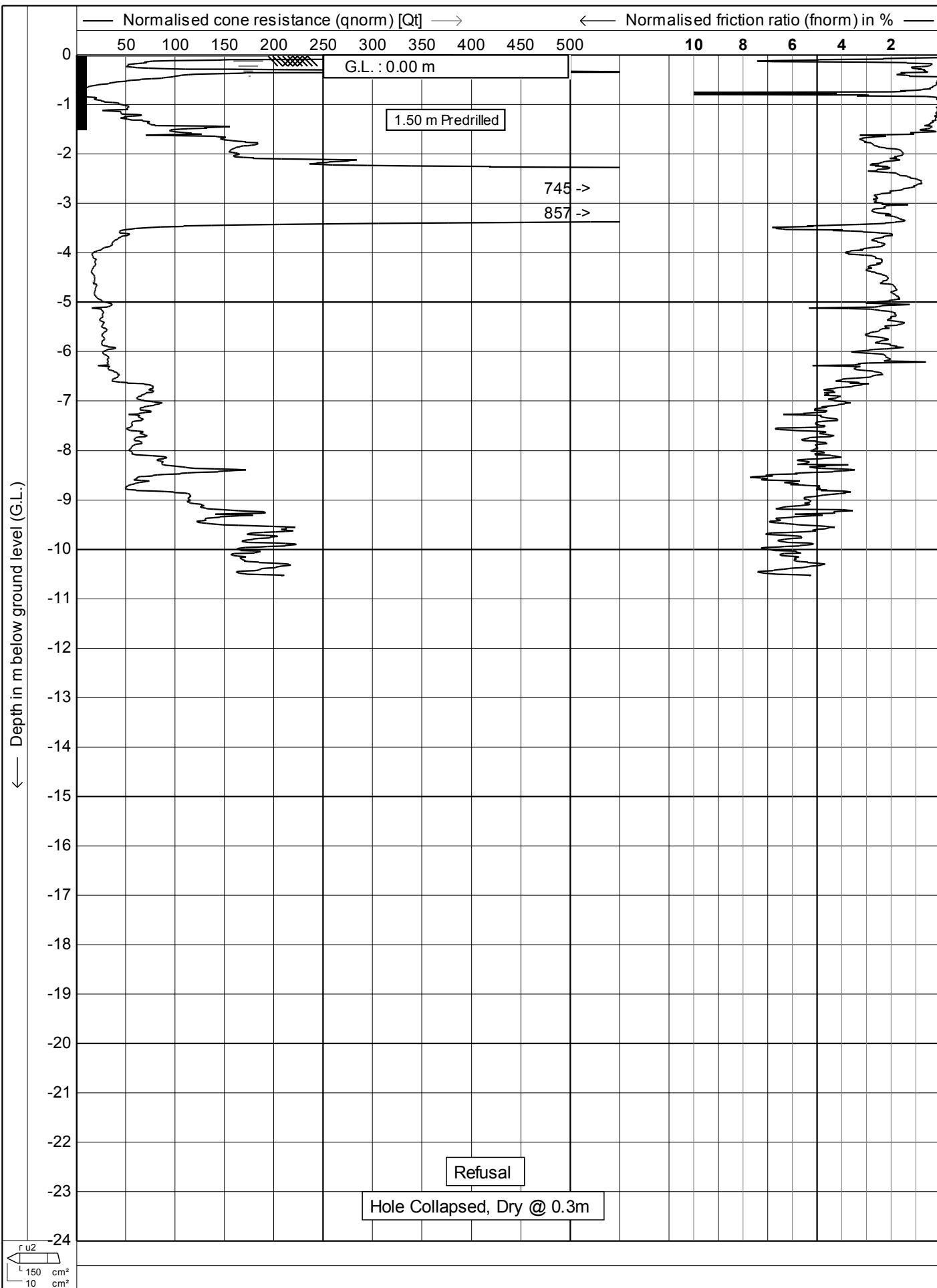
Project no. : **02GD1**

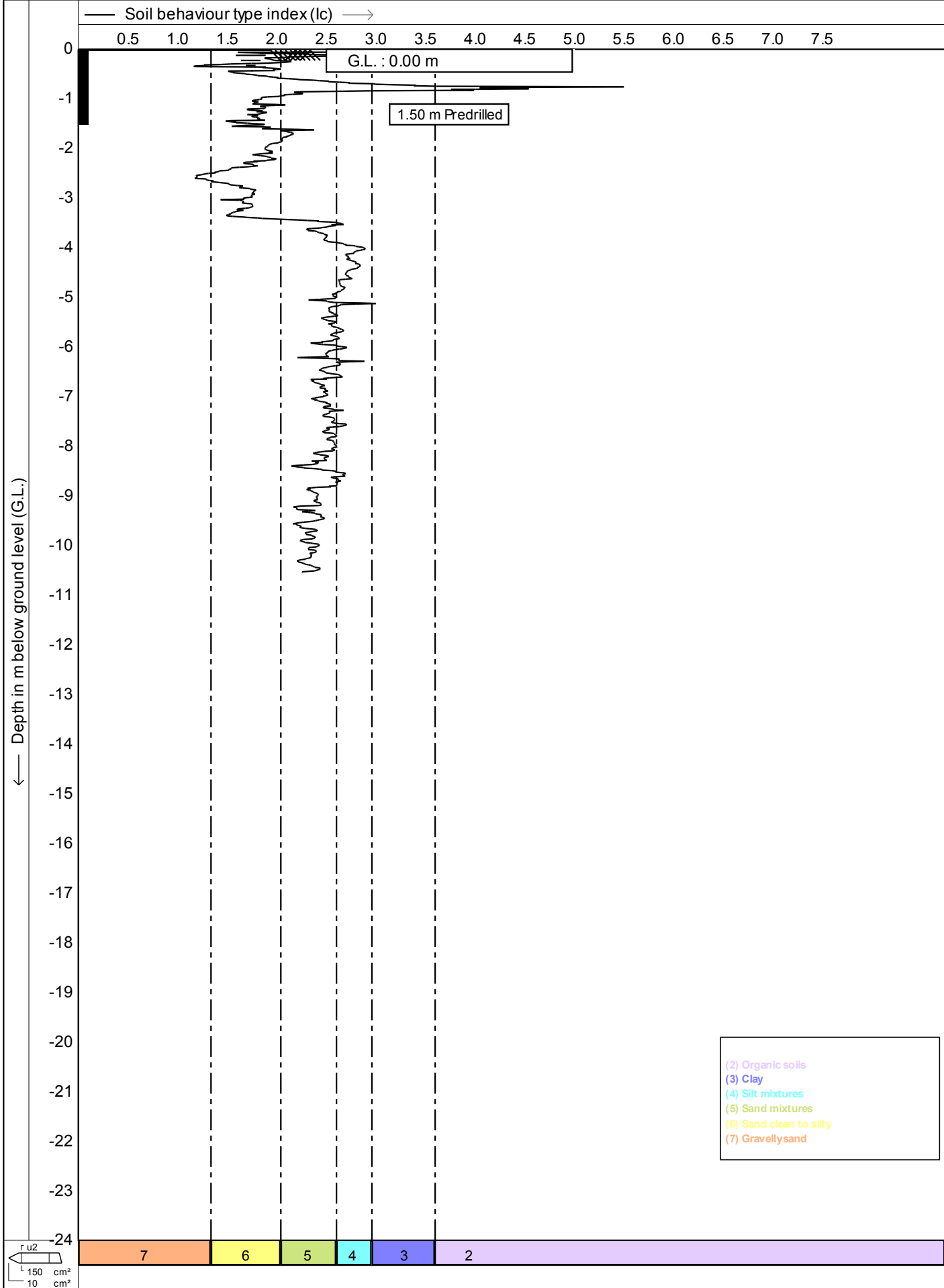
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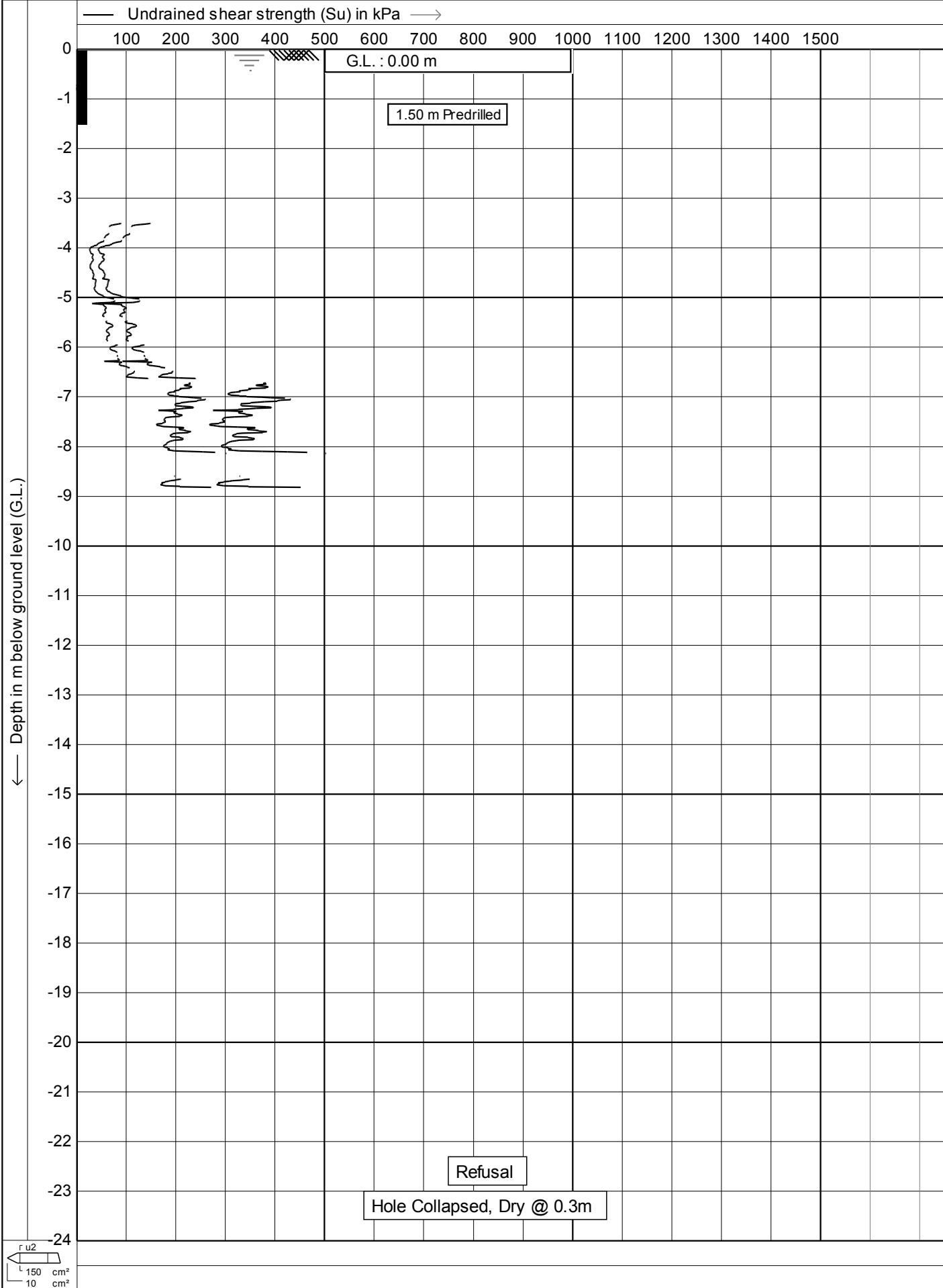
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← Depth in m below ground level (G.L.)







150 cm²
10 cm²



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

Project : **NZTA WICI IPAA Underpass**

Location: **Buckle St - Wellington**

Date : **11-9-2012**

Cone no. : **C10CFIP.E30**

Project no. : **02GD1**

CPT no. : **SCPT3**

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

— 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

Hole Collapsed, Dry @ 0.3m

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

20

40

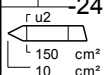
60

80

100

120

140



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

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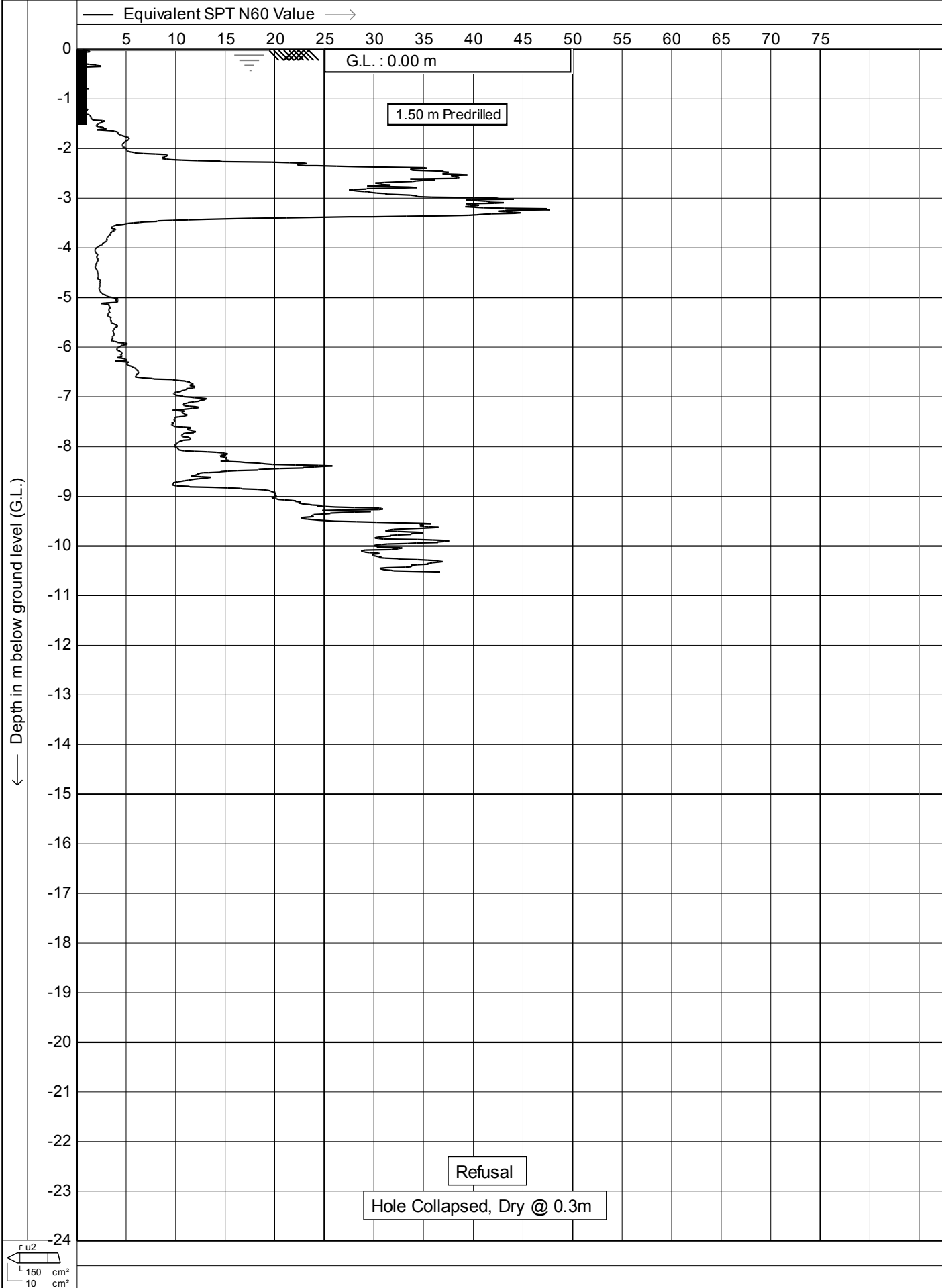
Date : **11-9-2012**

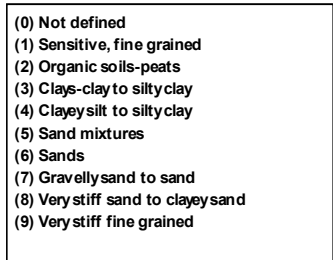
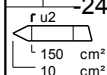
Cone no. : **C10CFIP.E30**

Project no. : **02GD1**

CPT no. : **SCPT3**

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Soil behaviour type classification after Robertson 1990

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

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

1.50 m Predrilled

Refusal

Hole Collapsed, Dry @ 0.3m

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. : **C10CFIP.E30**

Project no. : **02GD1**

CPT no. : **SCPT3**

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