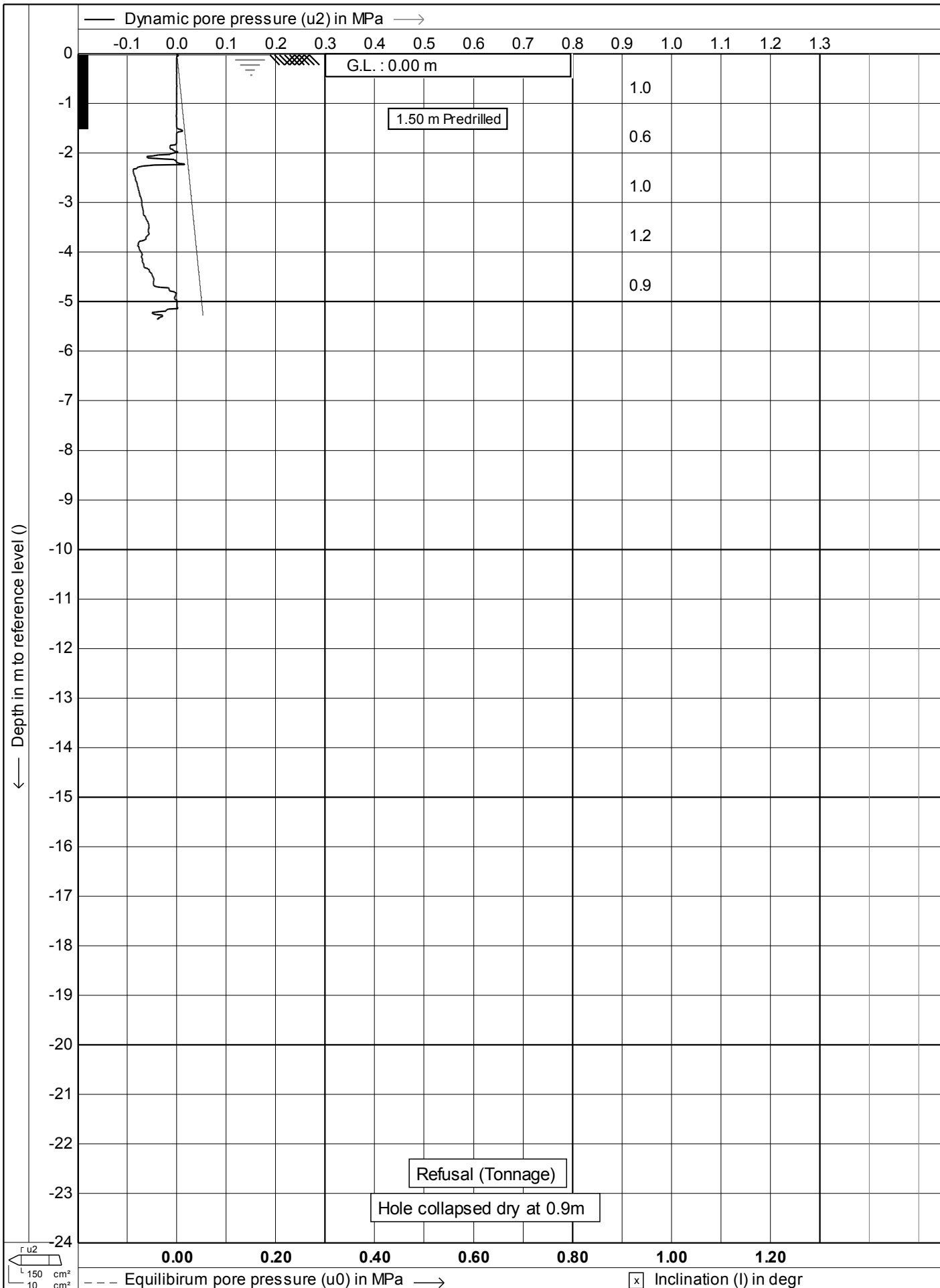


Depth in m to reference level ()



← 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

1.50 m Predrilled

28.3 ->

Refusal (Tonnage)

Hole collapsed dry at 0.9m

150 cm²
10 cm²



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

Project : **Site Investigation**

Location: **Ellice - Wellington**

Date : **30-1-2013**

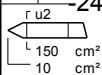
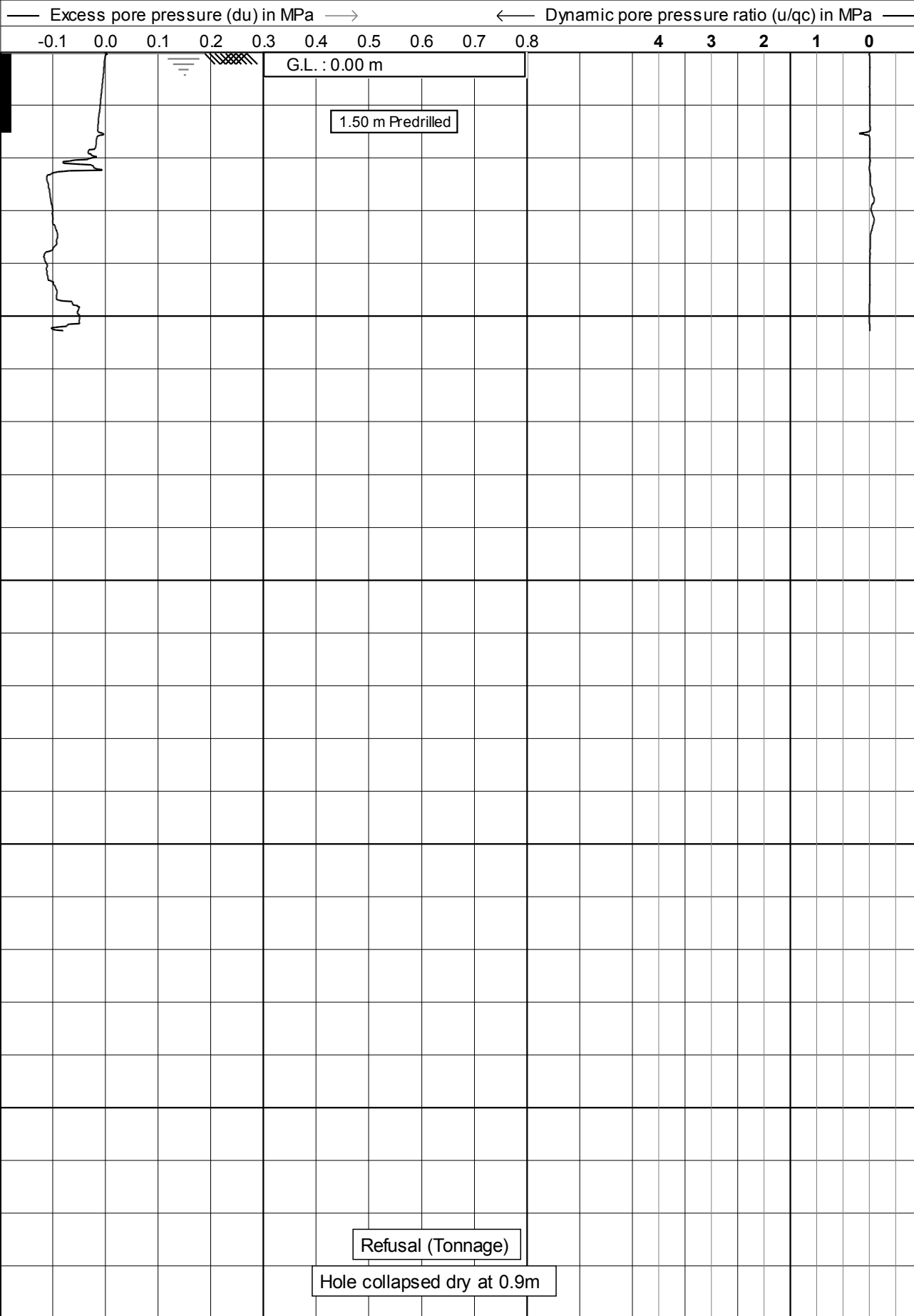
Cone no. : **C10CFIP.F04**

Project no. : **02TT1**

CPT no. : **36**

3/14

← Depth in m to reference level ()



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

Project : **Site Investigation**

Location: **Ellice - Wellington**

Date : **30-1-2013**

Cone no. : **C10CFIP.F04**

Project no. : **02TT1**

CPT no. : **36**

4/14

← 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

1.50 m Predrilled

28.3 ->

Refusal (Tonnage)

Hole collapsed dry at 0.9m

150 cm²
10 cm²



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

Project : **Site Investigation**

Location: **Ellice - Wellington**

Date : **30-1-2013**

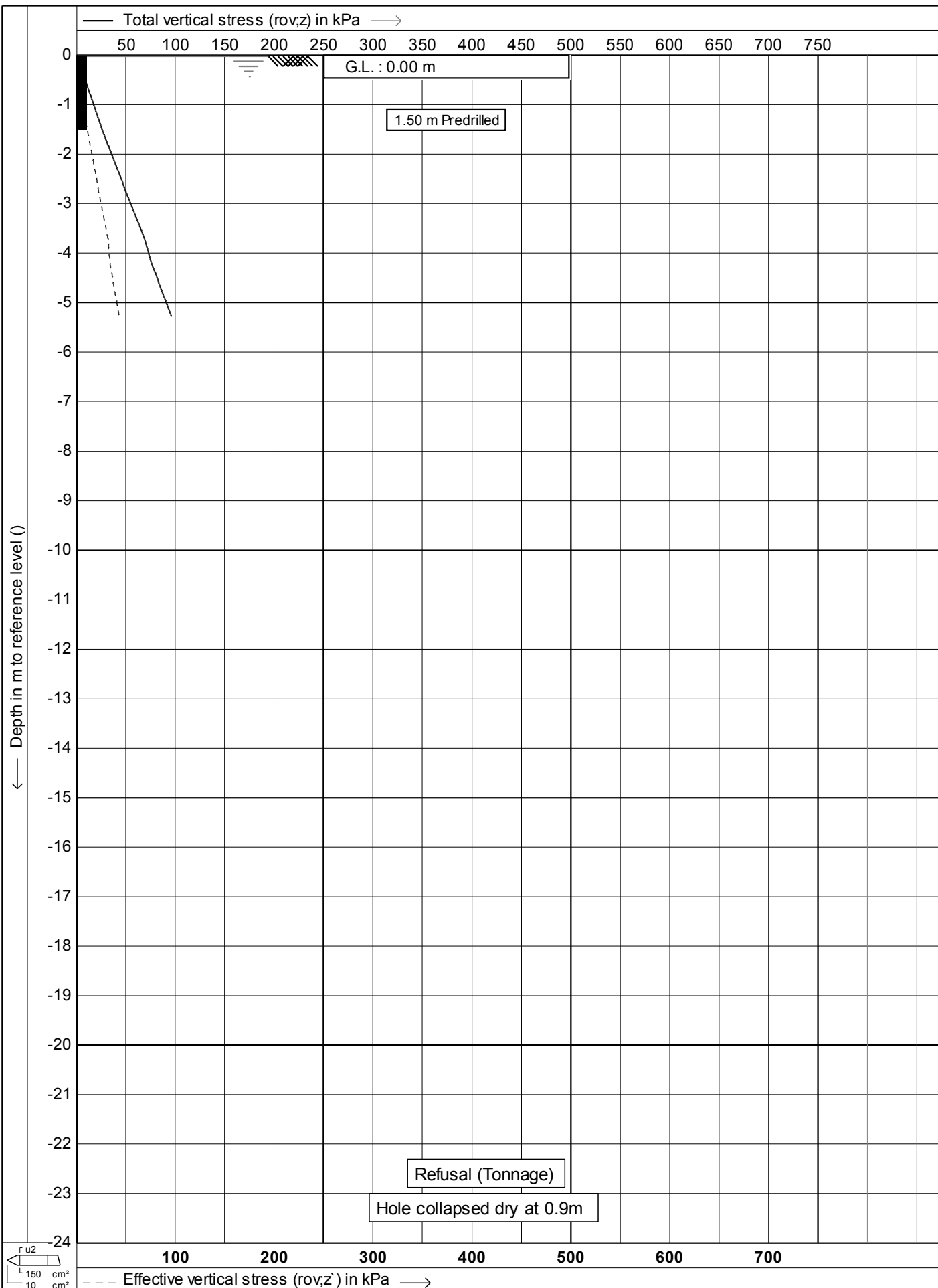
Cone no. : **C10CFIP.F04**

Project no. : **02TT1**

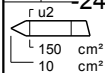
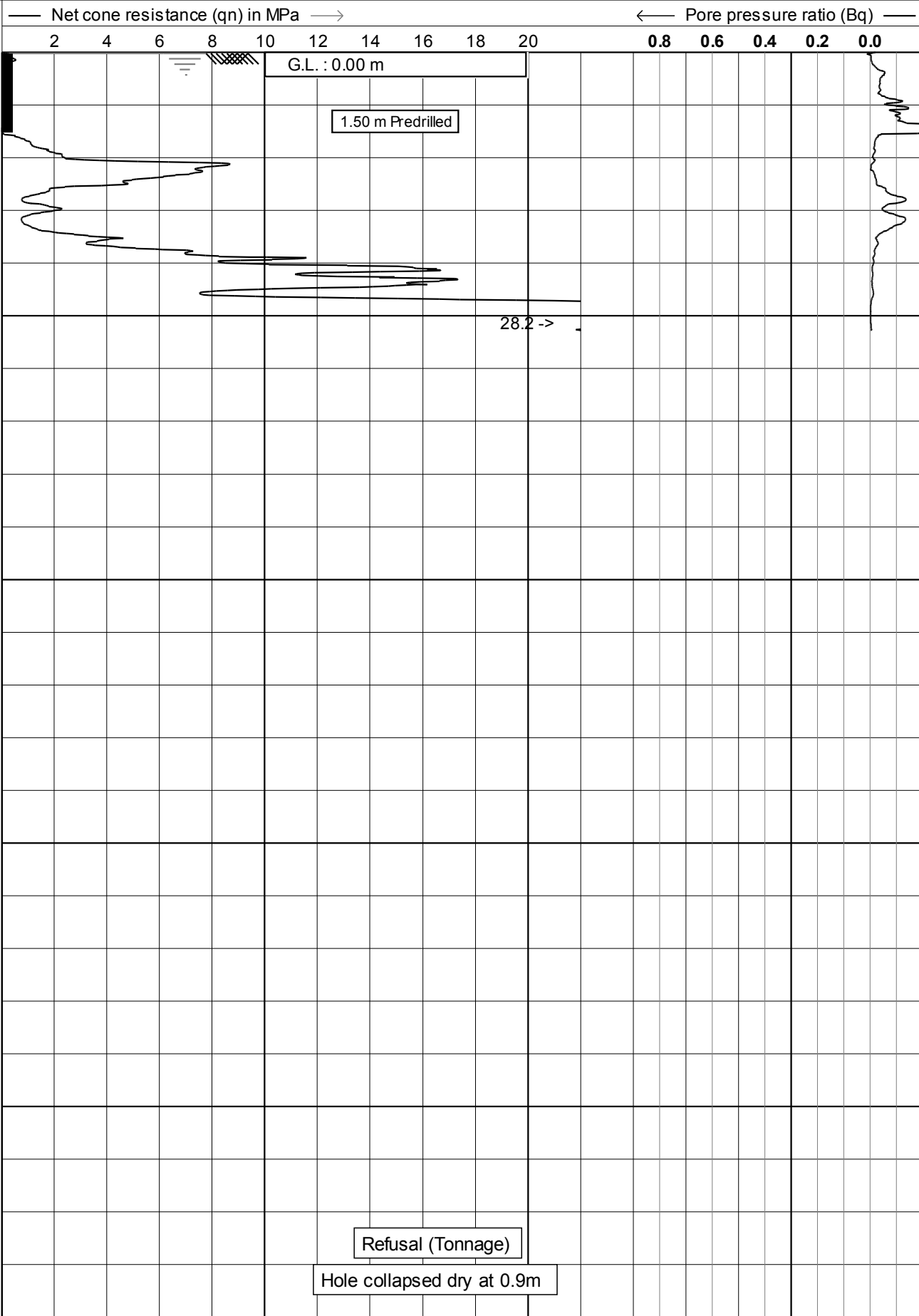
CPT no. : **36**

5/14

← Depth in m to reference level ()



← Depth in m to reference level ()



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

Project : **Site Investigation**

Location: **Ellice - Wellington**

Date : **30-1-2013**

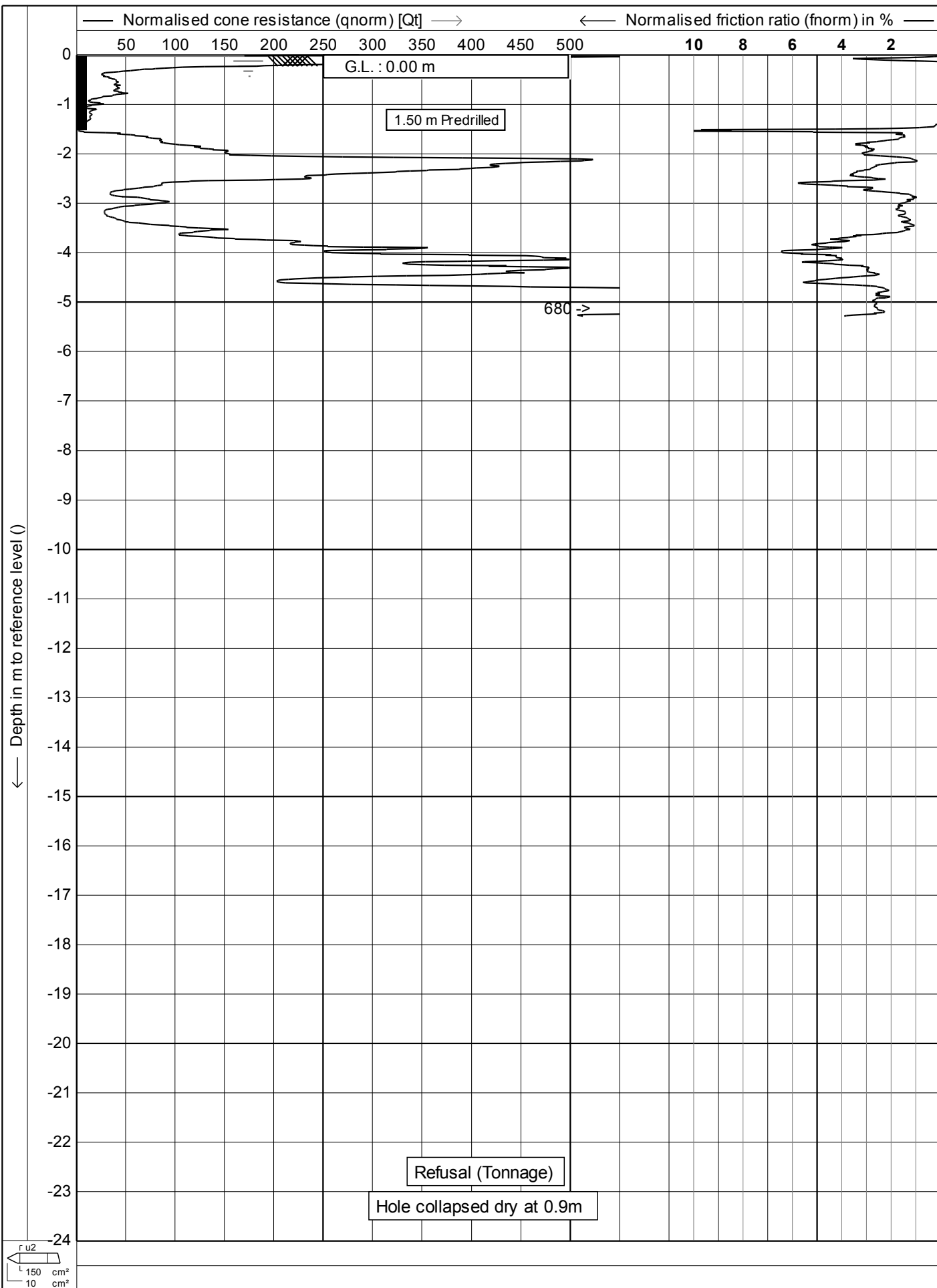
Cone no. : **C10CFIP.F04**

Project no. : **02TT1**

CPT no. : **36**

7/14

← 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

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

Project : **Site Investigation**

Location: **Ellice - Wellington**

Date : **30-1-2013**

Cone no. : **C10CFIIP.F04**

Project no. : **02TT1**

CPT no. : **36**

9/14

← 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. : 0.00 m

1.50 m Predrilled

Refusal (Tonnage)

Hole collapsed dry at 0.9m

150 cm²
10 cm²



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

Project : **Site Investigation**

Location: **Ellice - Wellington**

Date : **30-1-2013**

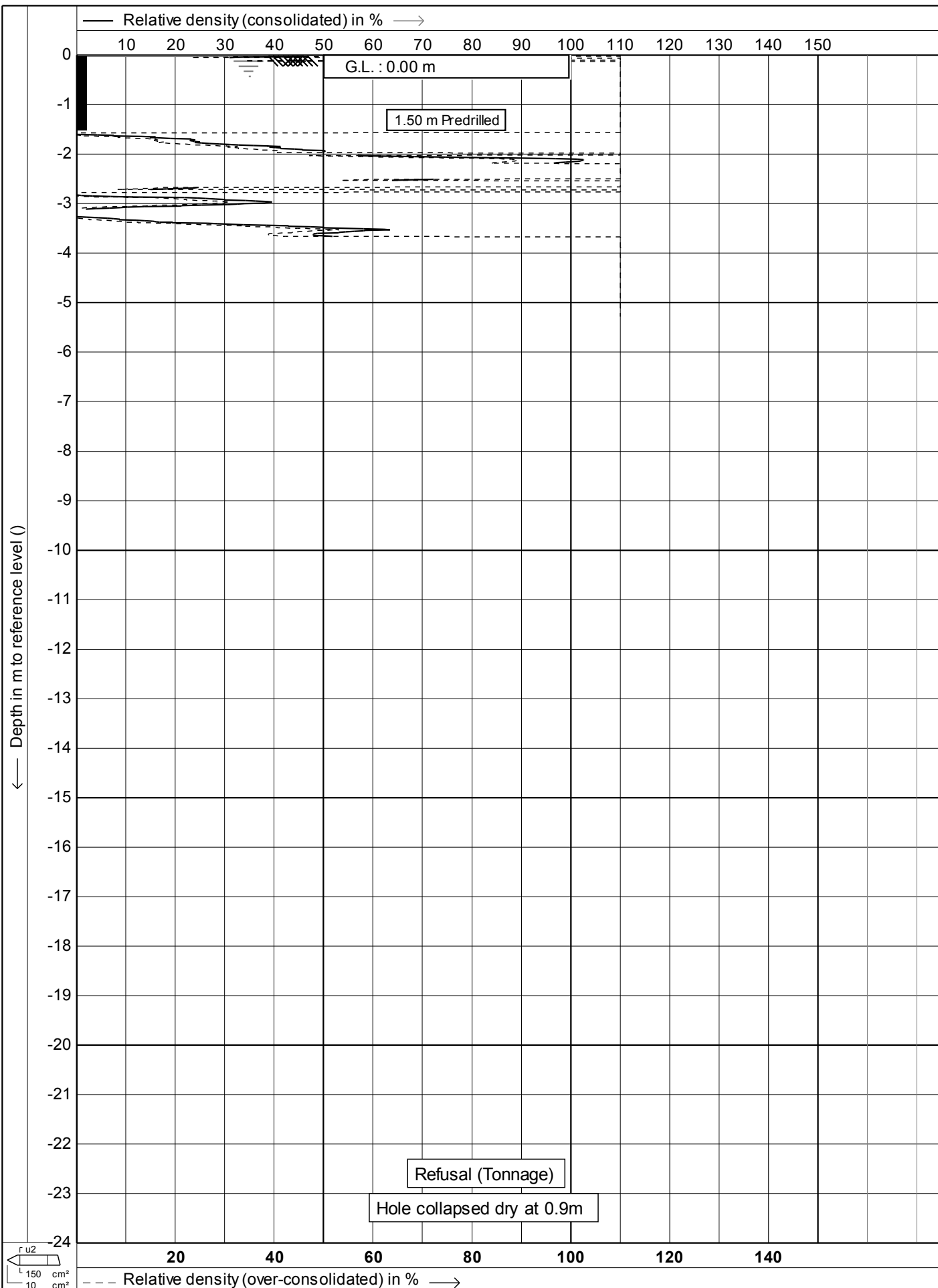
Cone no. : **C10CFIP.F04**

Project no. : **02TT1**

CPT no. : **36**

10/14

← Depth in m to reference level ()



← Depth in m to reference level ()

— Equivalent SPT N60 Value —→

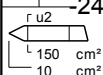
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

G.L. : 0.00 m

1.50 m Predrilled

Refusal (Tonnage)

Hole collapsed dry at 0.9m



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

Project : **Site Investigation**

Location: **Ellice - Wellington**

Date : **30-1-2013**

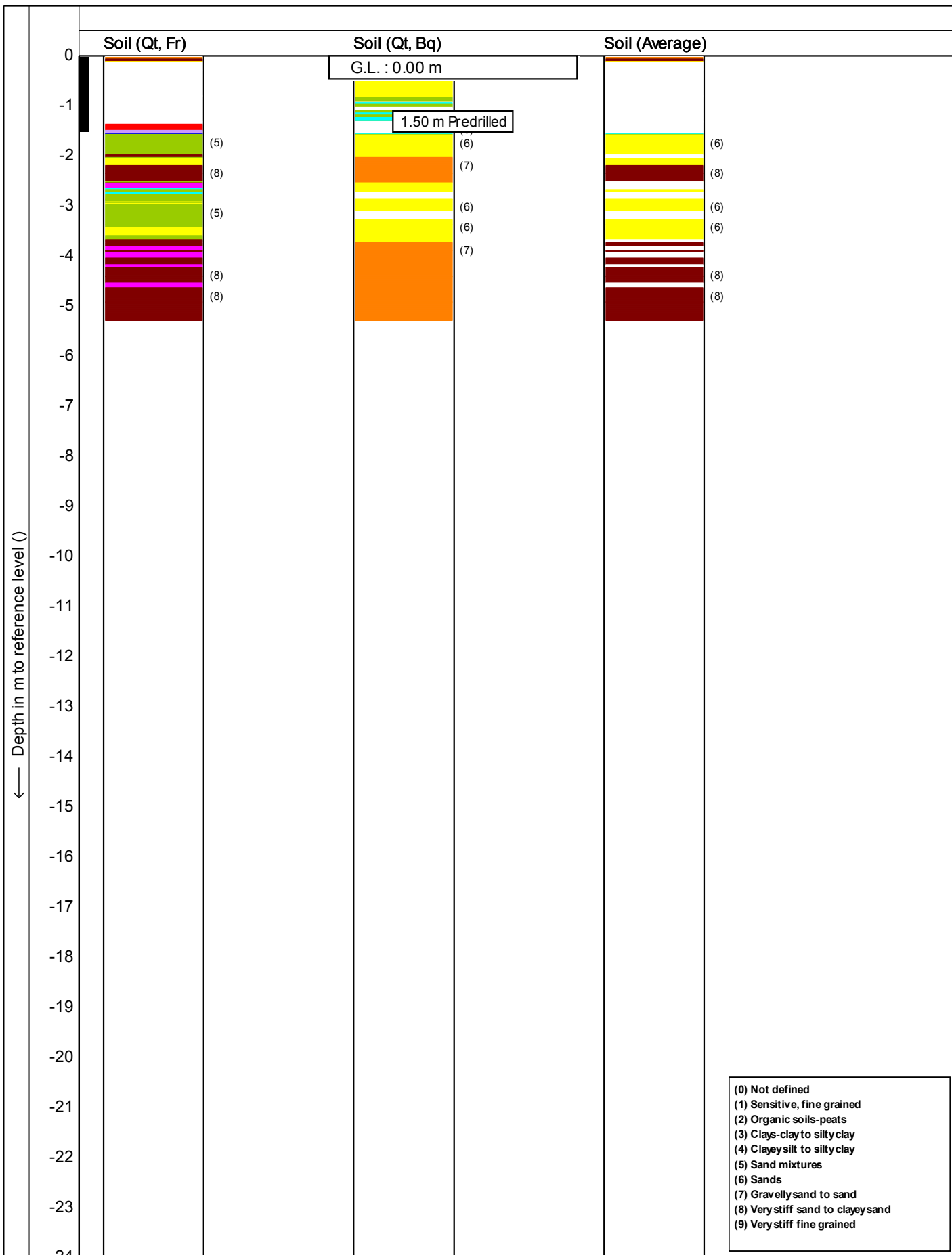
Cone no. : **C10CFIP.F04**

Project no. : **02TT1**

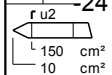
CPT no. : **36**

12/14

← 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 : 30-1-2013	
	Project : Site Investigation		Cone no. : C10CFIIP.F04	
	Location: Ellice - Wellington		Project no. : 02TT1	
			CPT no. : 36	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

1.50 m Predrilled

Refusal (Tonnage)

Hole collapsed dry at 0.9m

150 cm²
10 cm²



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

Project : **Site Investigation**

Location: **Ellice - Wellington**

Date : **30-1-2013**

Cone no. : **C10CFIP.F04**

Project no. : **02TT1**

CPT no. : **36**

14/14