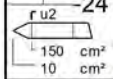


- (0) Not defined
- (1) Sensitive, fine grained
- (2) Organic soils-peats
- (3) Clays-clay to siltyclay
- (4) Clayesilt to siltyclay
- (5) Sand mixtures
- (6) Sands
- (7) Gravelly sand to sand
- (8) Very stiff sand to clayesand
- (9) Very stiff fine grained



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

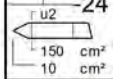
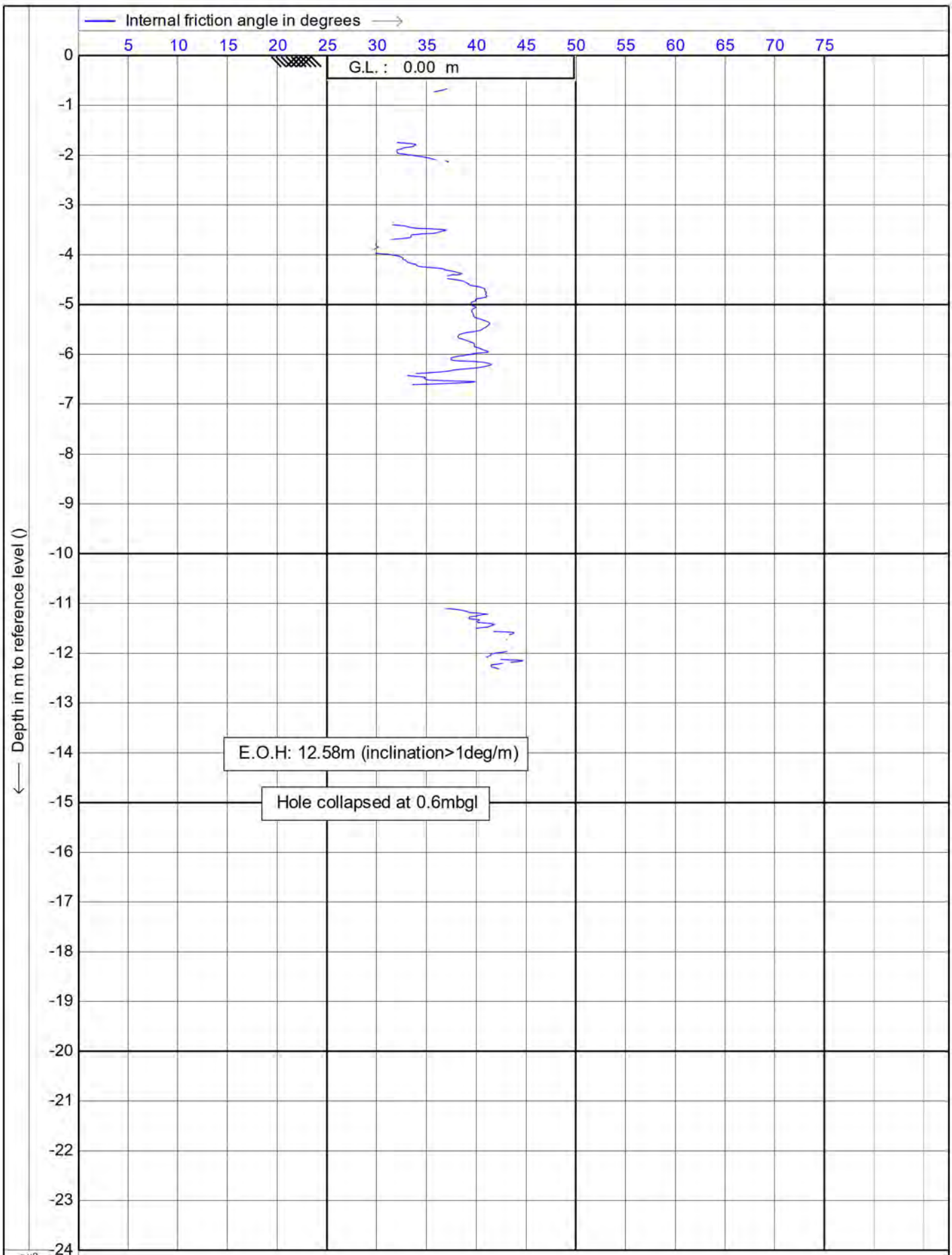
Position: 174.96326, -37.03735 WGS 84

Date : 20/04/2021

Cone no. : S10CFIIP.S16082

Project no. : DF21GE034

CPT no. : CPT\_12 14/15



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

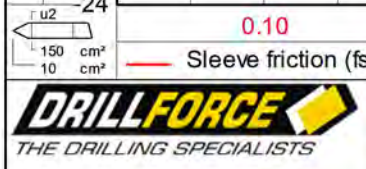
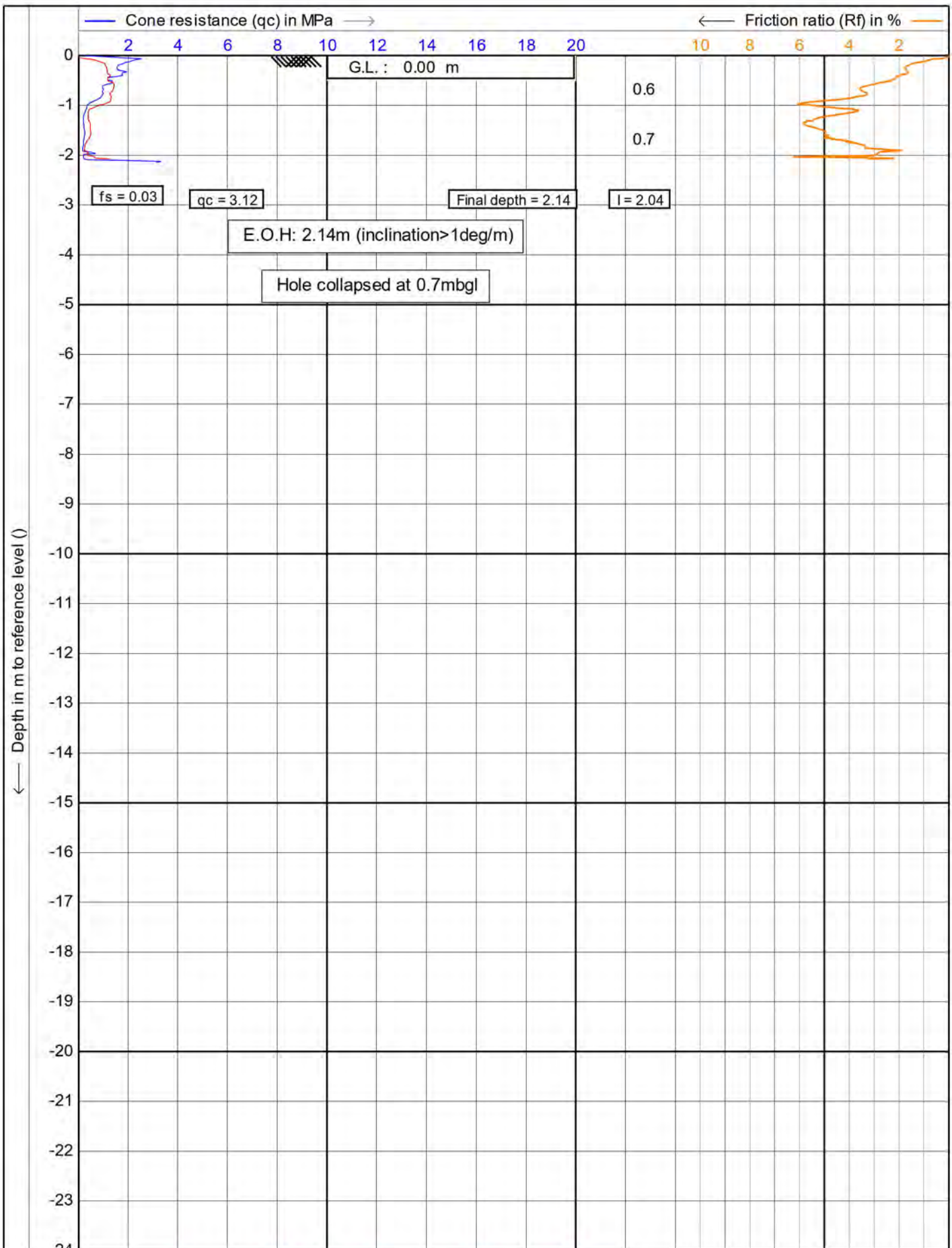
Position: 174.96326, -37.03735 WGS 84

Date : 20/04/2021

Cone no. : S10CFIIP.S16082

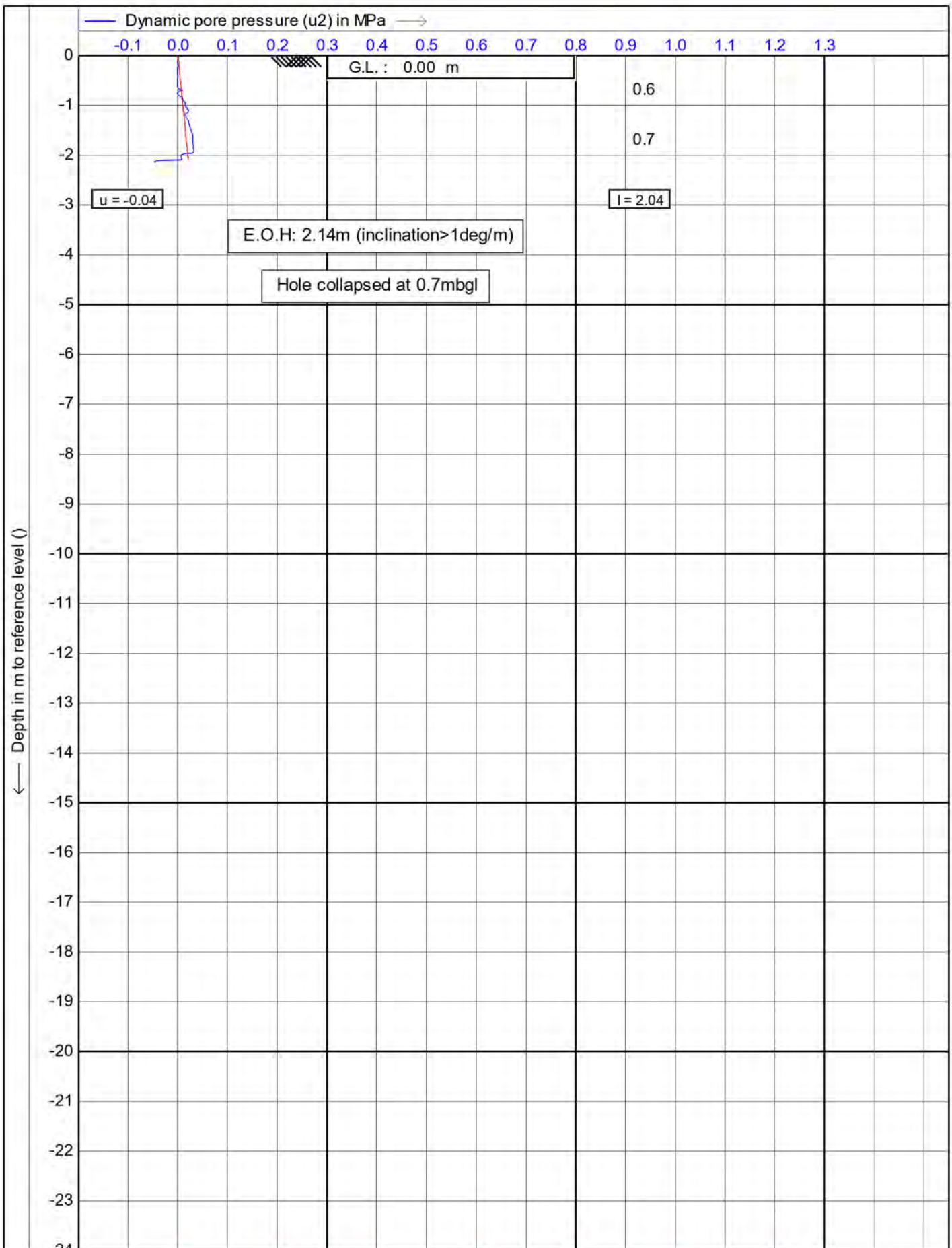
Project no. : DF21GE034

CPT no. : CPT\_12 15/15



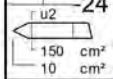
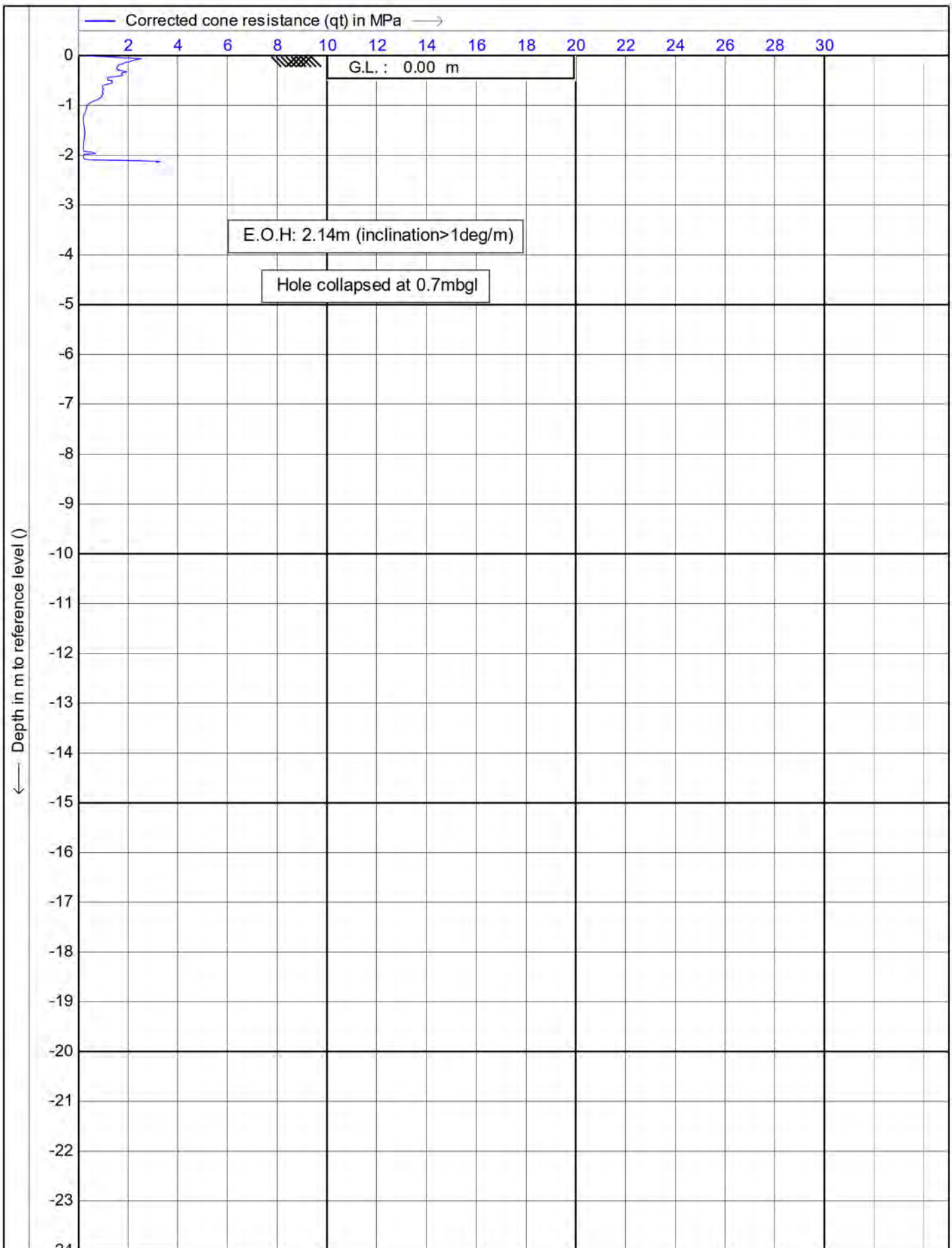
Test according NEN 5140 class 1		Date : 19/04/2021
Project : Hamlin Rd		Cone no. : S10CFIP.S16082
Location: Hamlin Rd, Ardmore		Project no. : <b>DF21GE034</b>
Position: 174.95888, -37.03867 WGS 84		CPT no. : <b>CPT_13</b> 1/15





	Test according NEN 5140 class 1	Date : 19/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
	Position: 174.95888, -37.03867 WGS 84	CPT no. : <b>CPT_13</b> 2/15





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

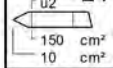
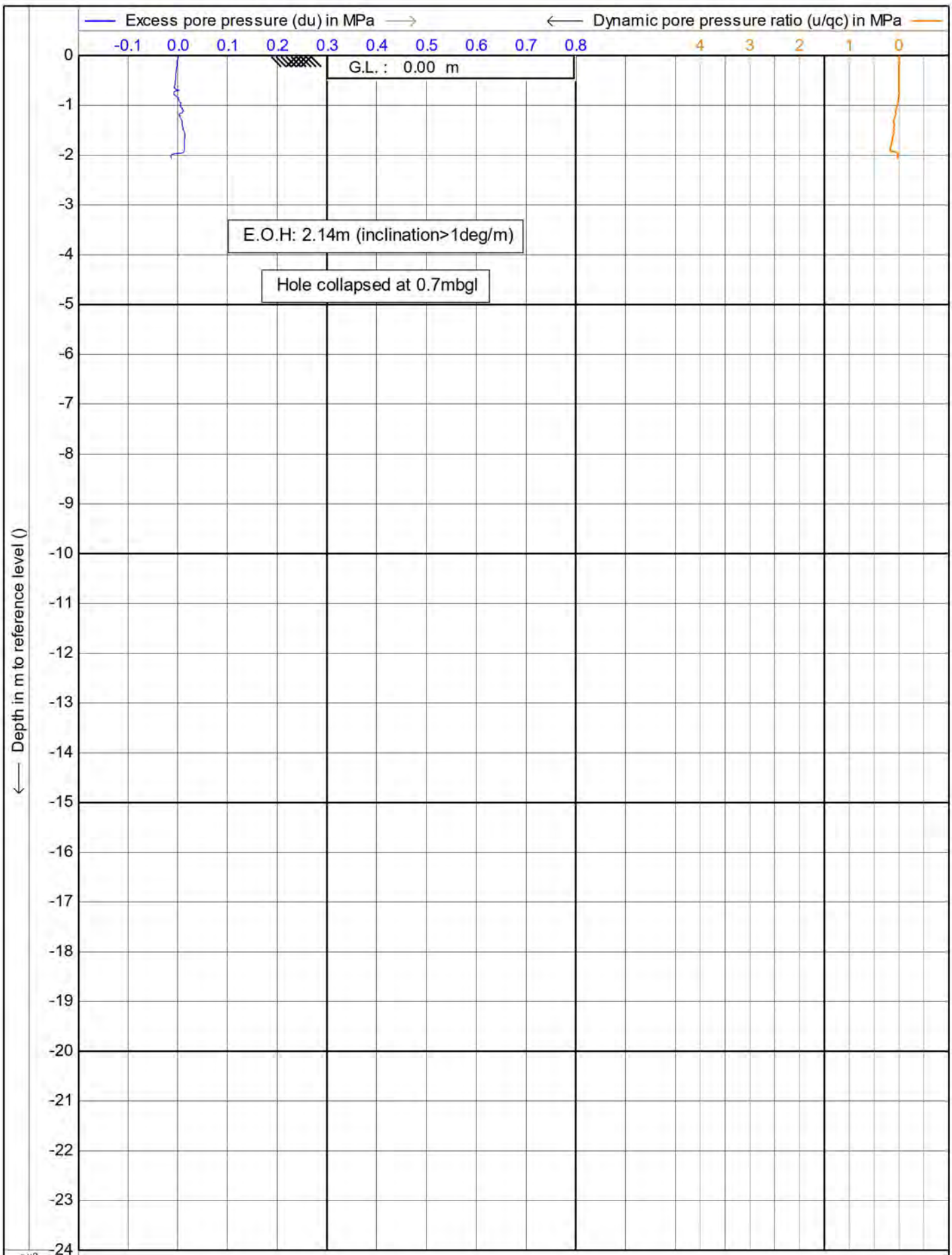
Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

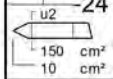
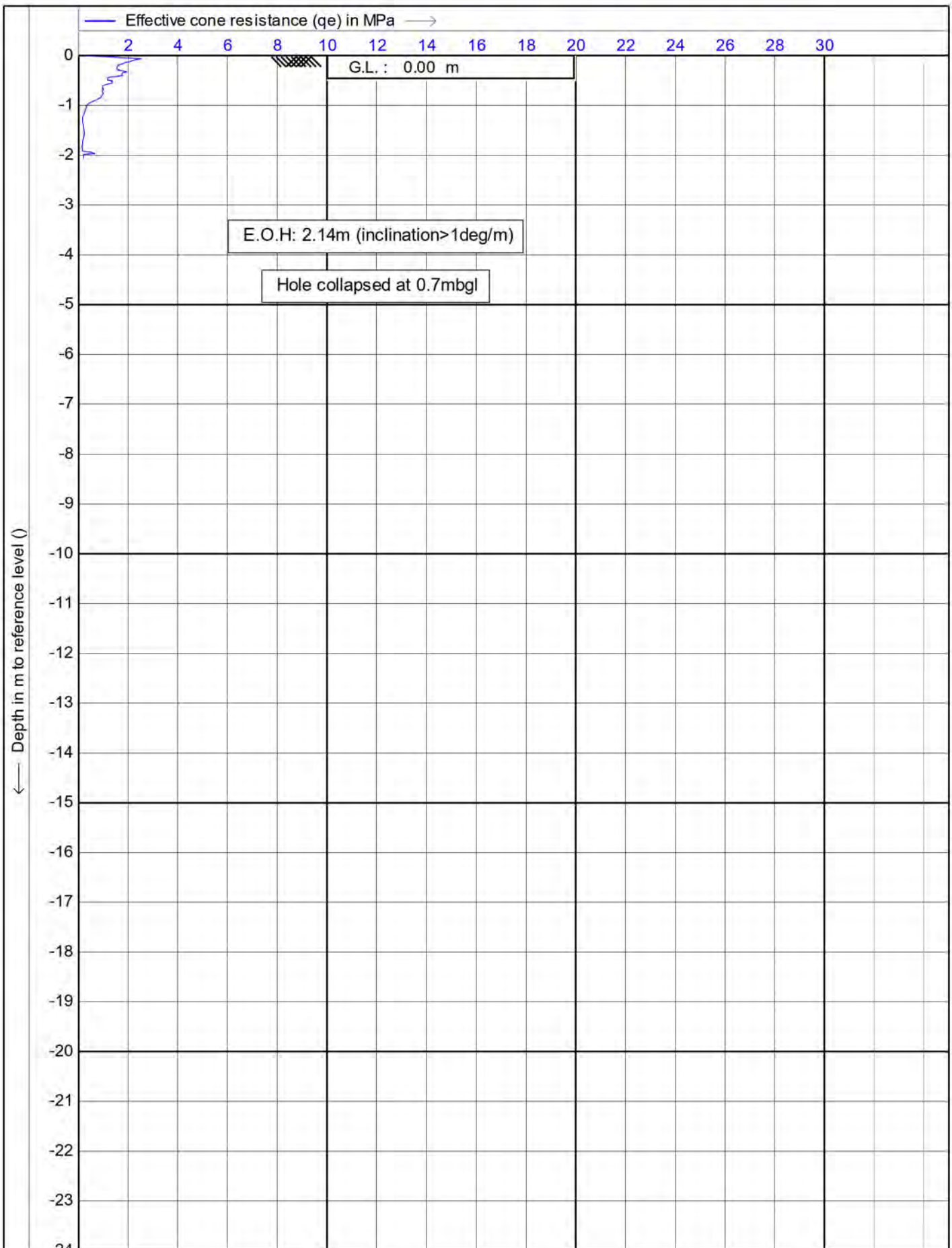
Project no. : **DF21GE034**

CPT no. : **CPT\_13 3/15**



Test according NEN 5140 class 1  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95888, -37.03867 WGS 84

Date : 19/04/2021  
 Cone no. : S10CFIIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_13 4/15



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.95888, -37.03867 WGS 84**

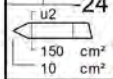
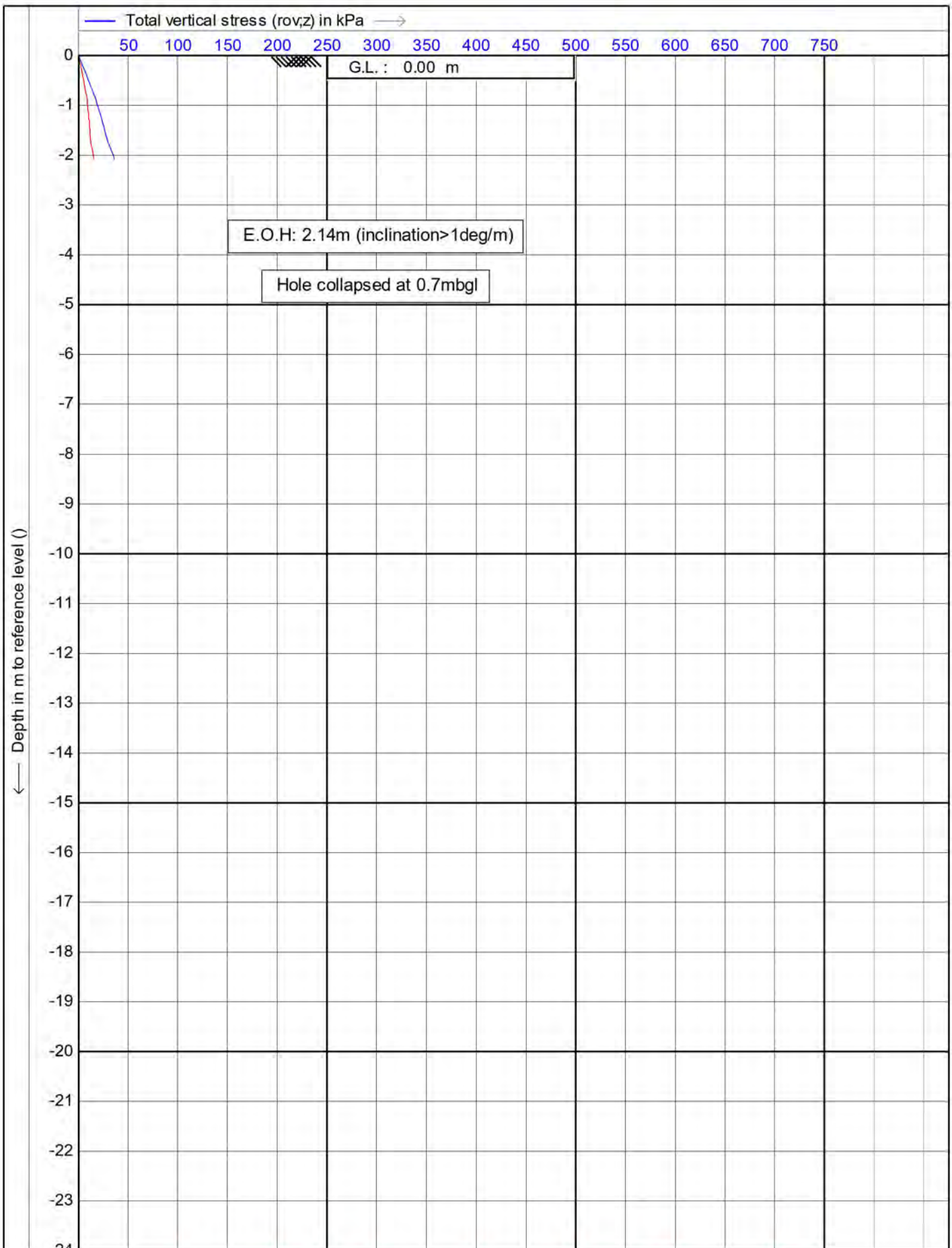
Date : **19/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_13** 5/15





Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

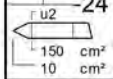
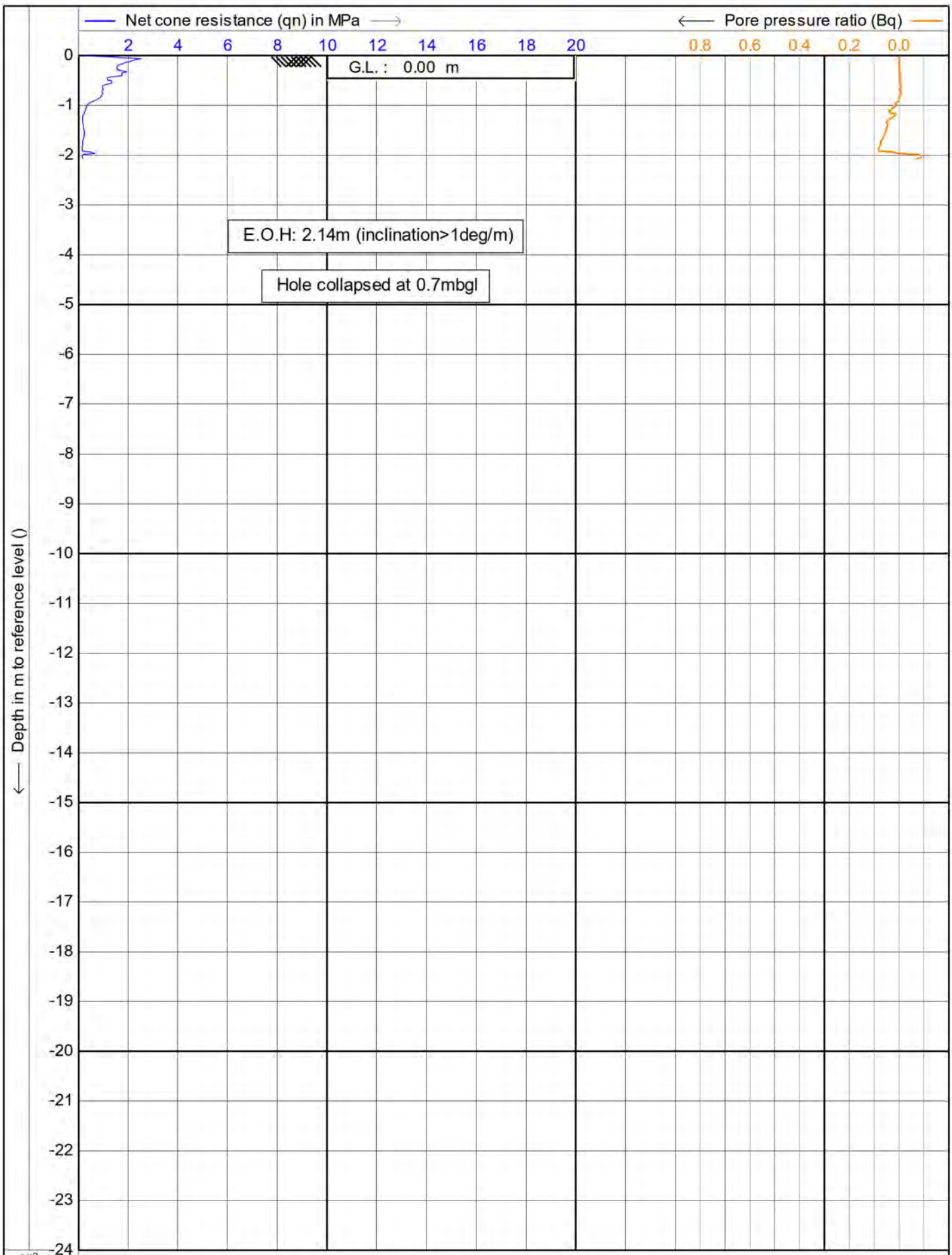
Position: 174.95888, -37.03867 WGS 84

Date : 19/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_13** 6/15



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

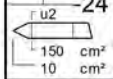
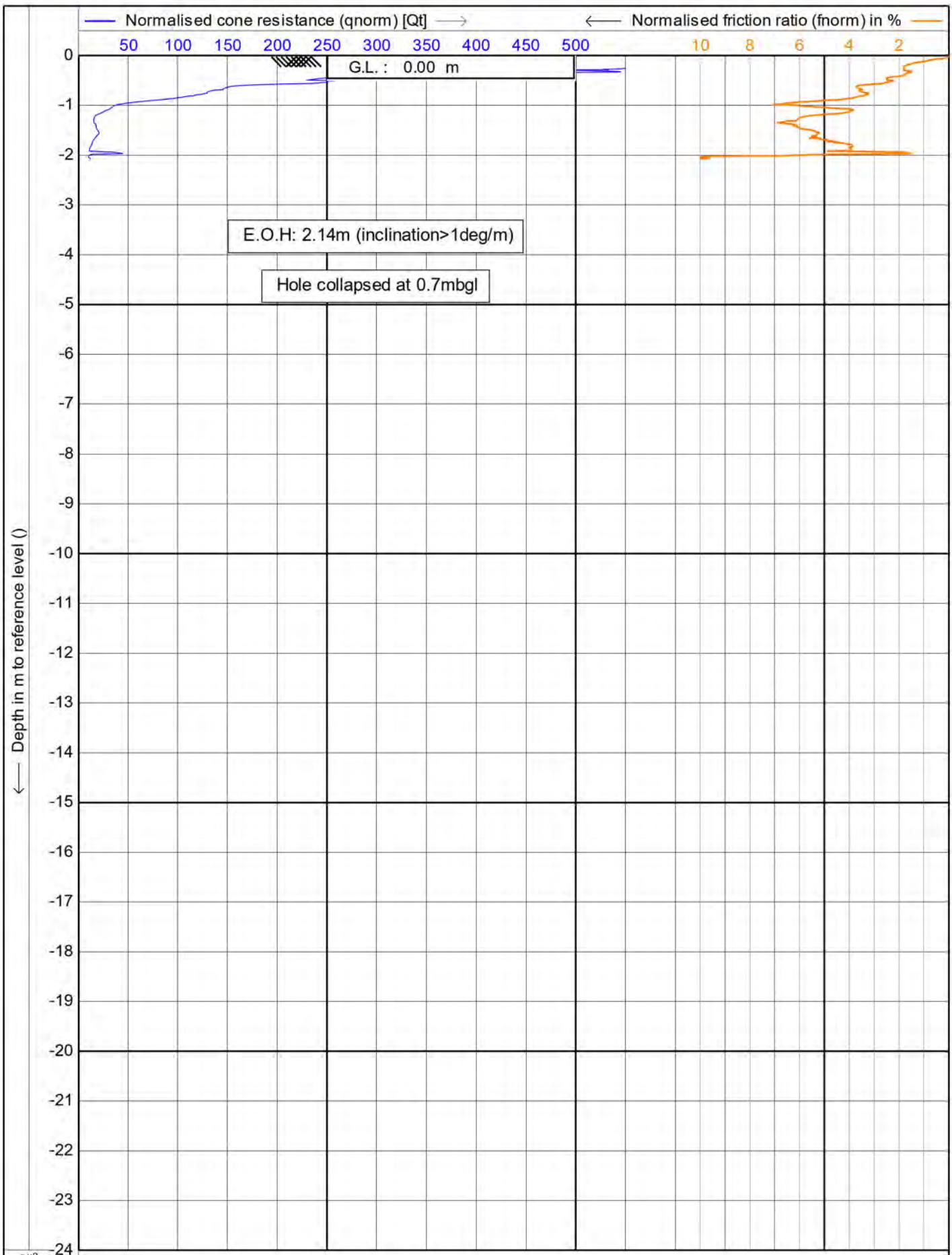
Position: 174.95888, -37.03867 WGS 84

Date : 19/04/2021

Cone no. : S10CFIIP.S16082

Project no. : DF21GE034

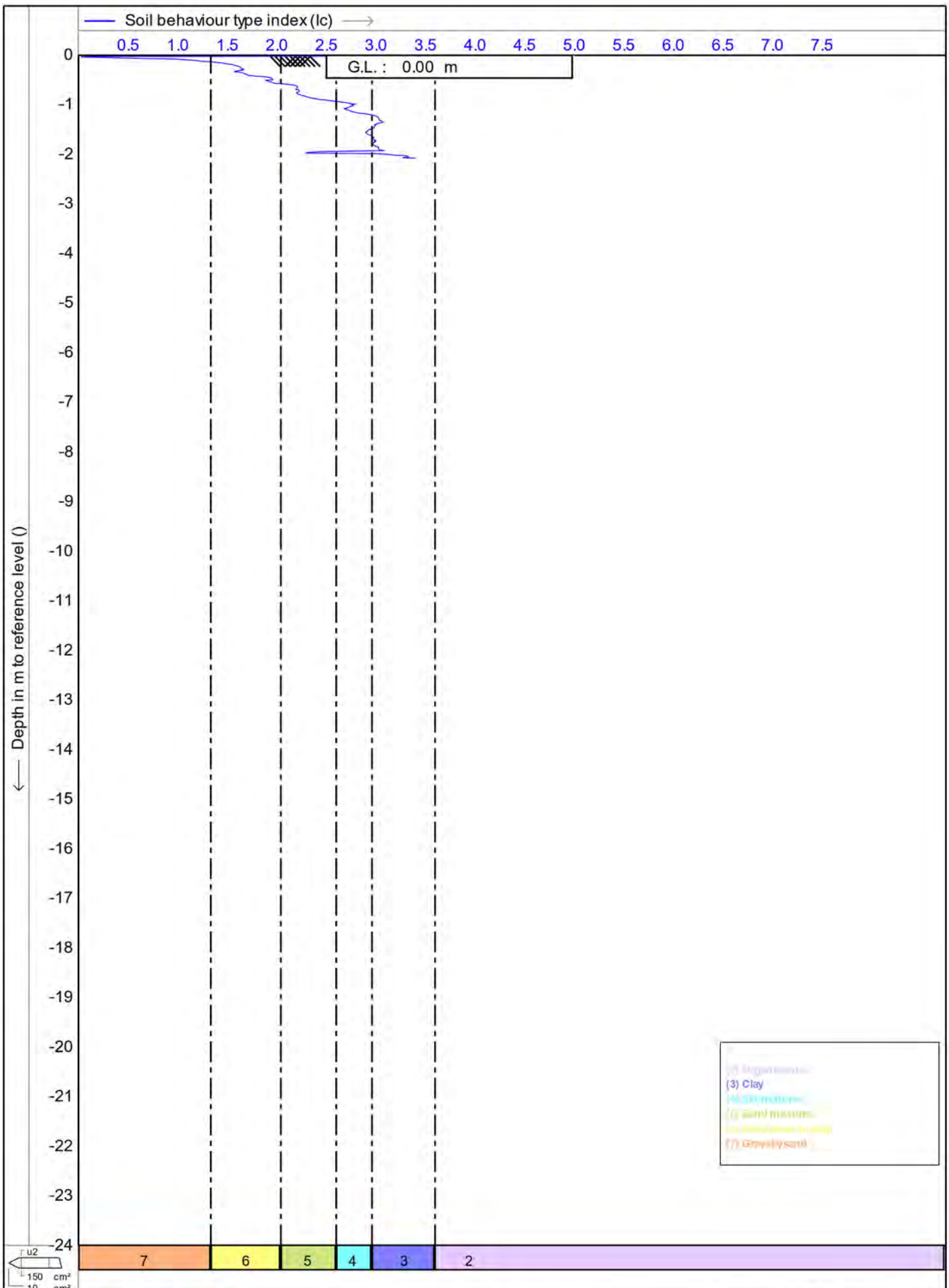
CPT no. : CPT\_13 7/15



Test according NEN 5140 class 1  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95888, -37.03867 WGS 84

Date : 19/04/2021  
 Cone no. : S10CFIIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_13 8/15

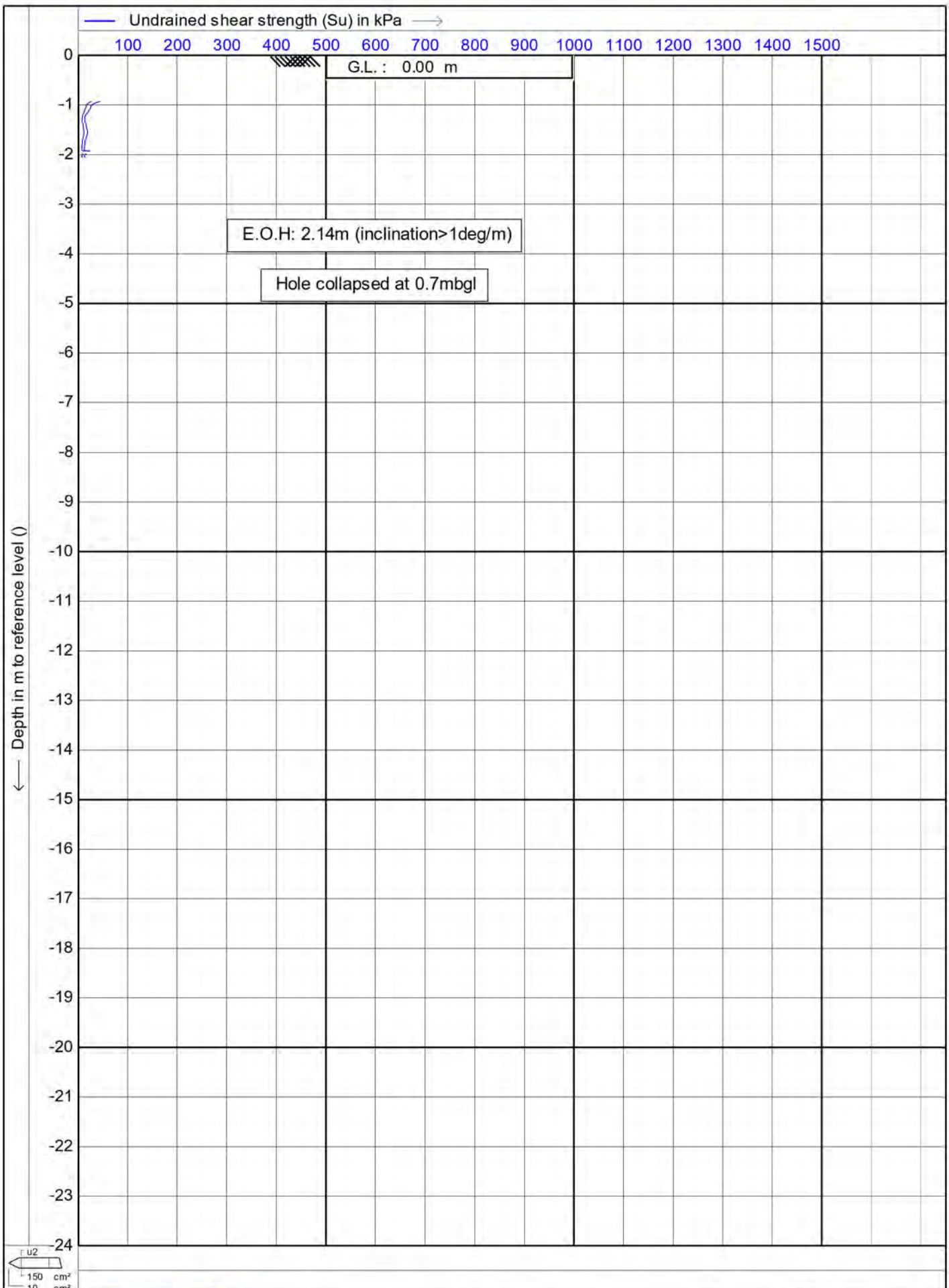




Test according NEN 5140 class 1

Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.95888, -37.03867 WGS 84**

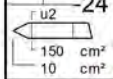
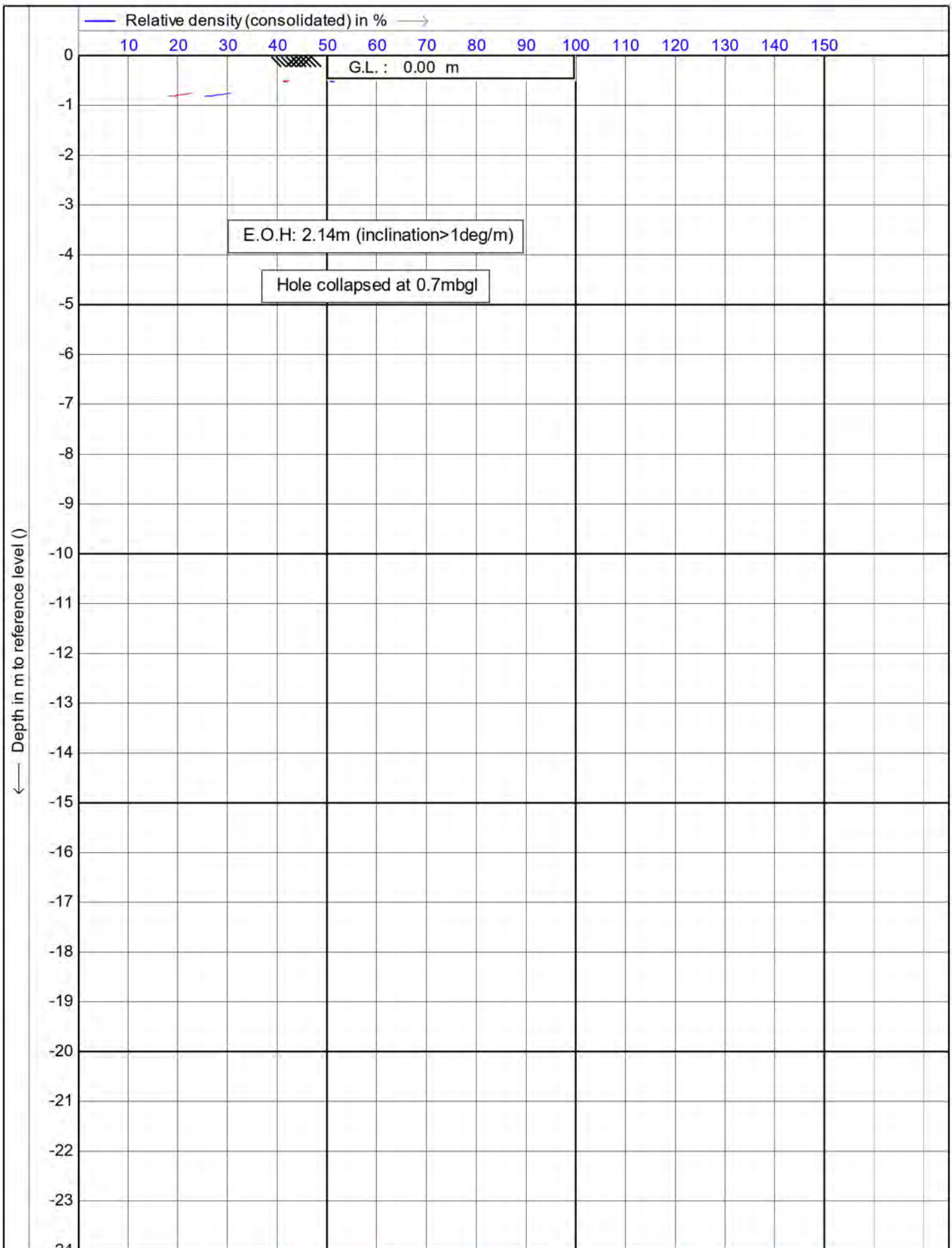
Date : **19/04/2021**  
 Cone no. : **S10CFIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_13** 9/15



Test according NEN 5140 class 1

Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**  
 Cone no. : **S10CFIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_13** 10/15



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.95888, -37.03867 WGS 84**

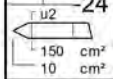
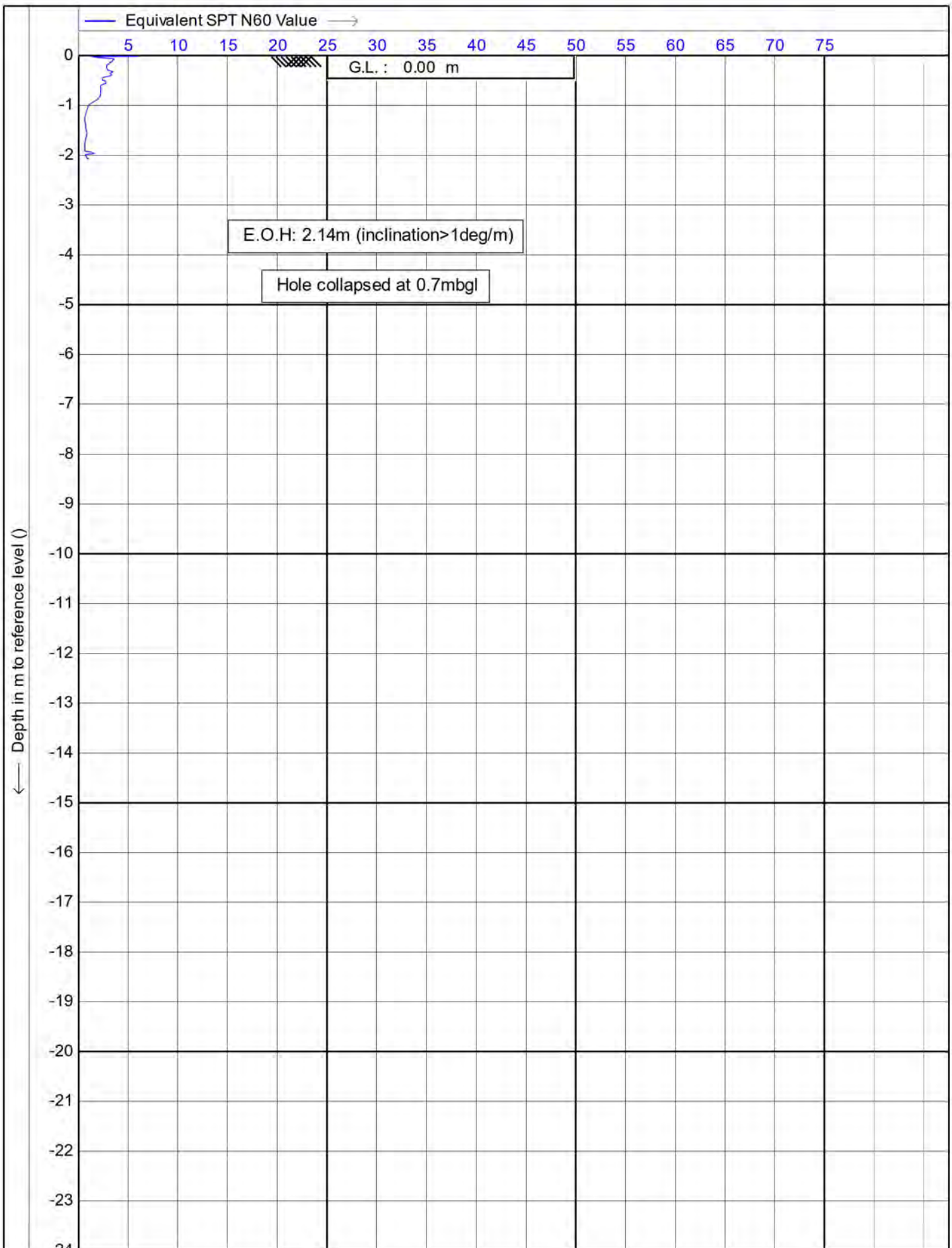
Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_13** 11/15





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

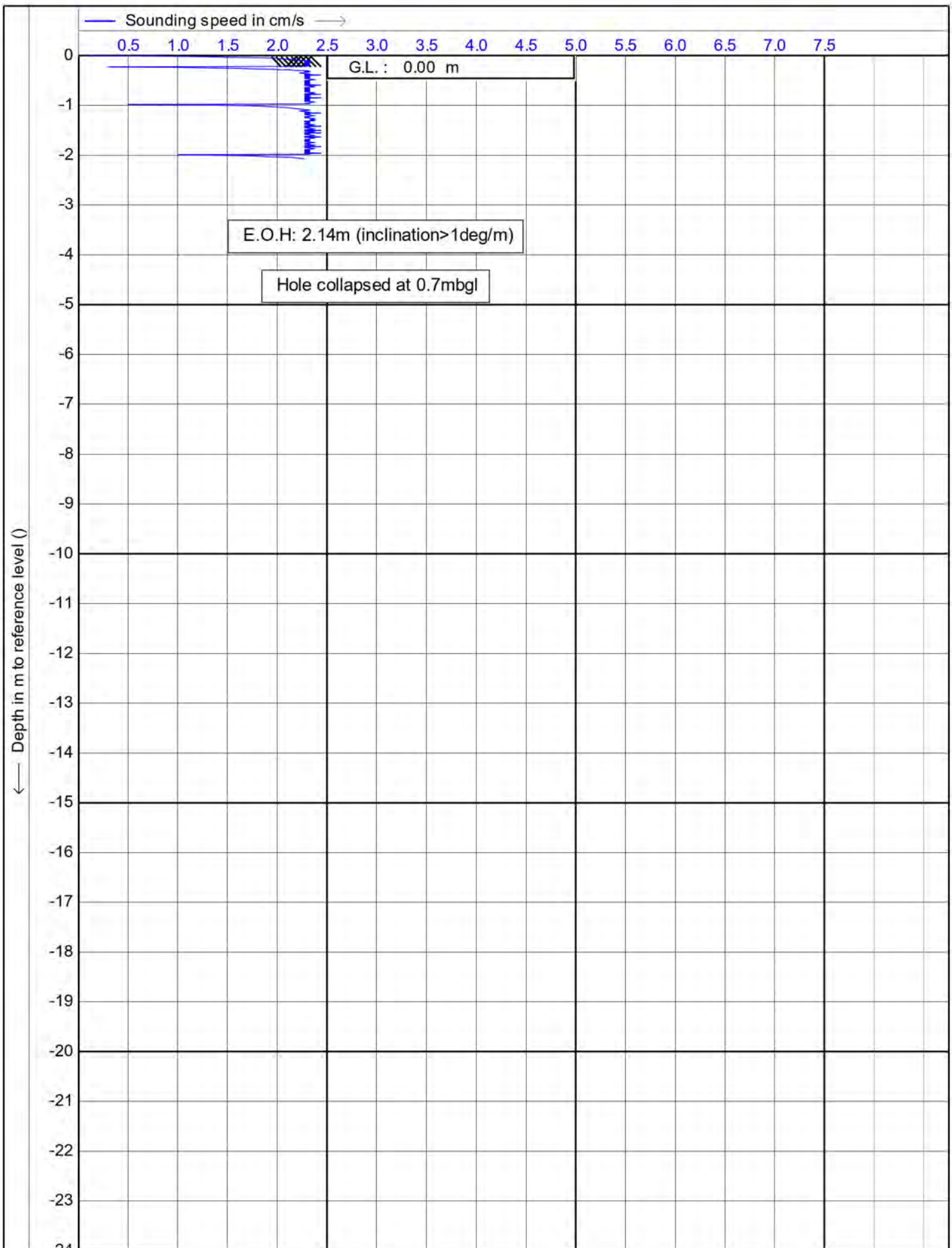
Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_13** 12/15



150 cm<sup>2</sup>  
10 cm<sup>2</sup>



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

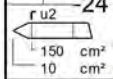
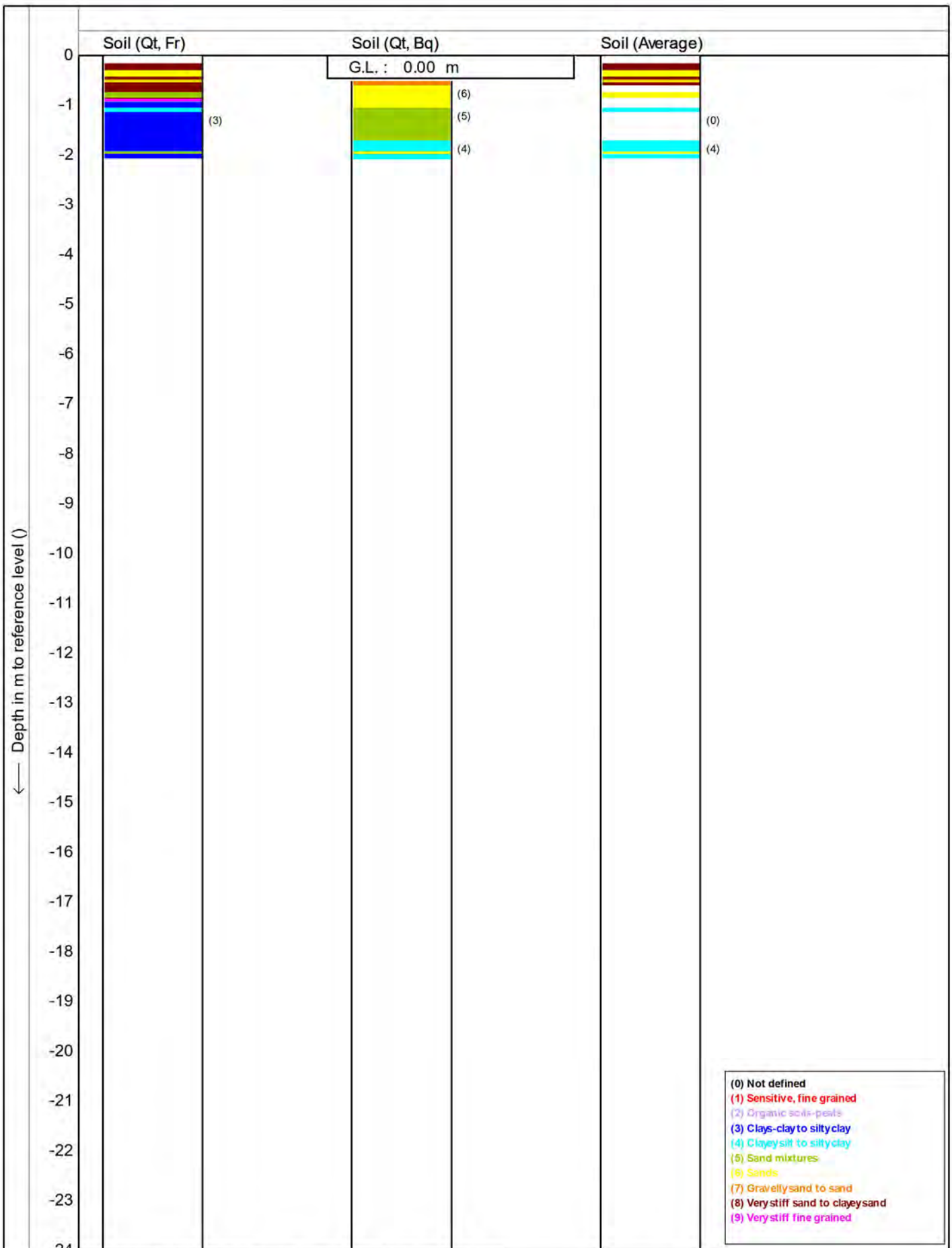
Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_13** 13/15



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95888, -37.03867 WGS 84

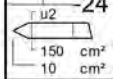
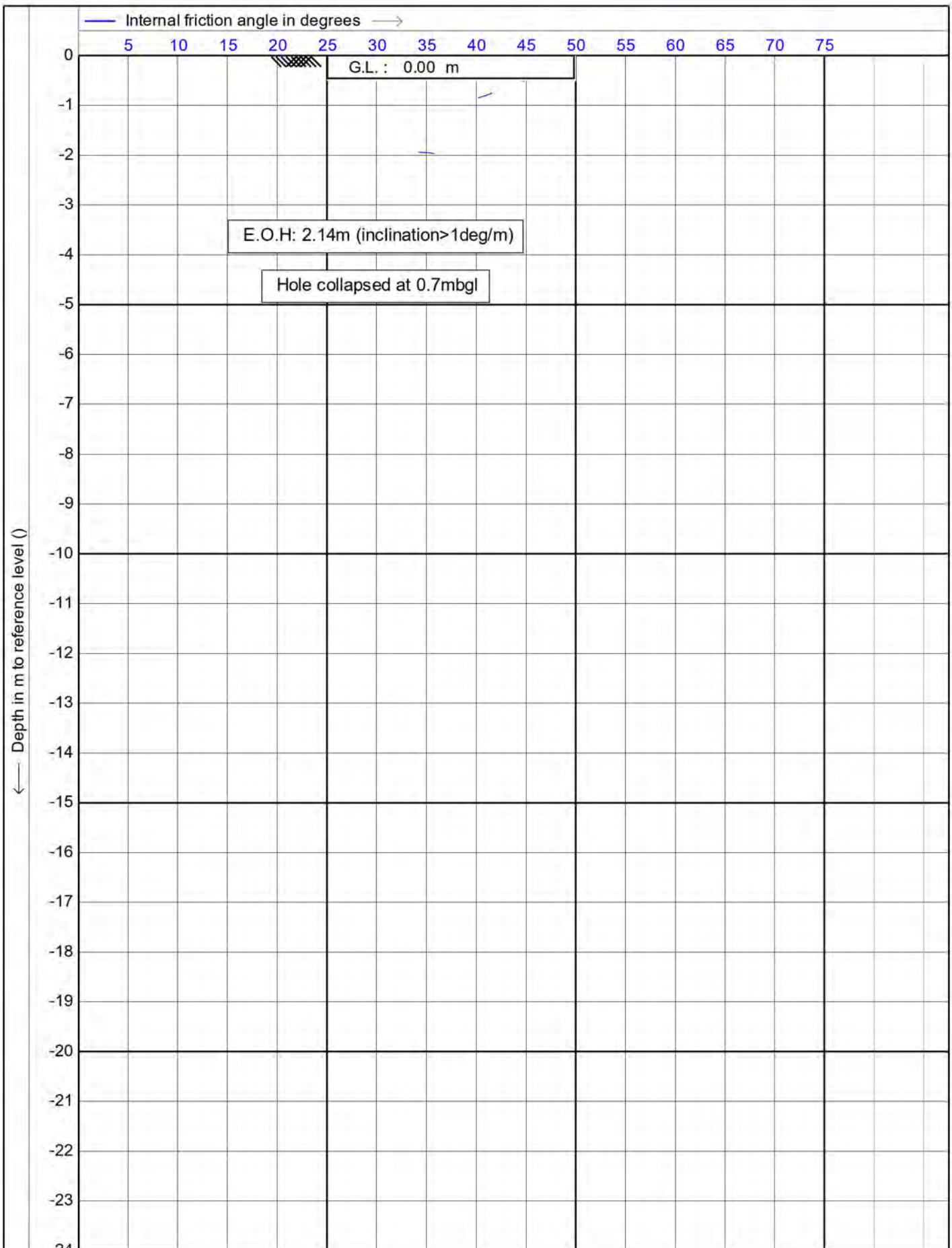
Date : 19/04/2021

Cone no. : S10CFIP.S16082

Project no. : DF21GE034

CPT no. : CPT\_13 14/15





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

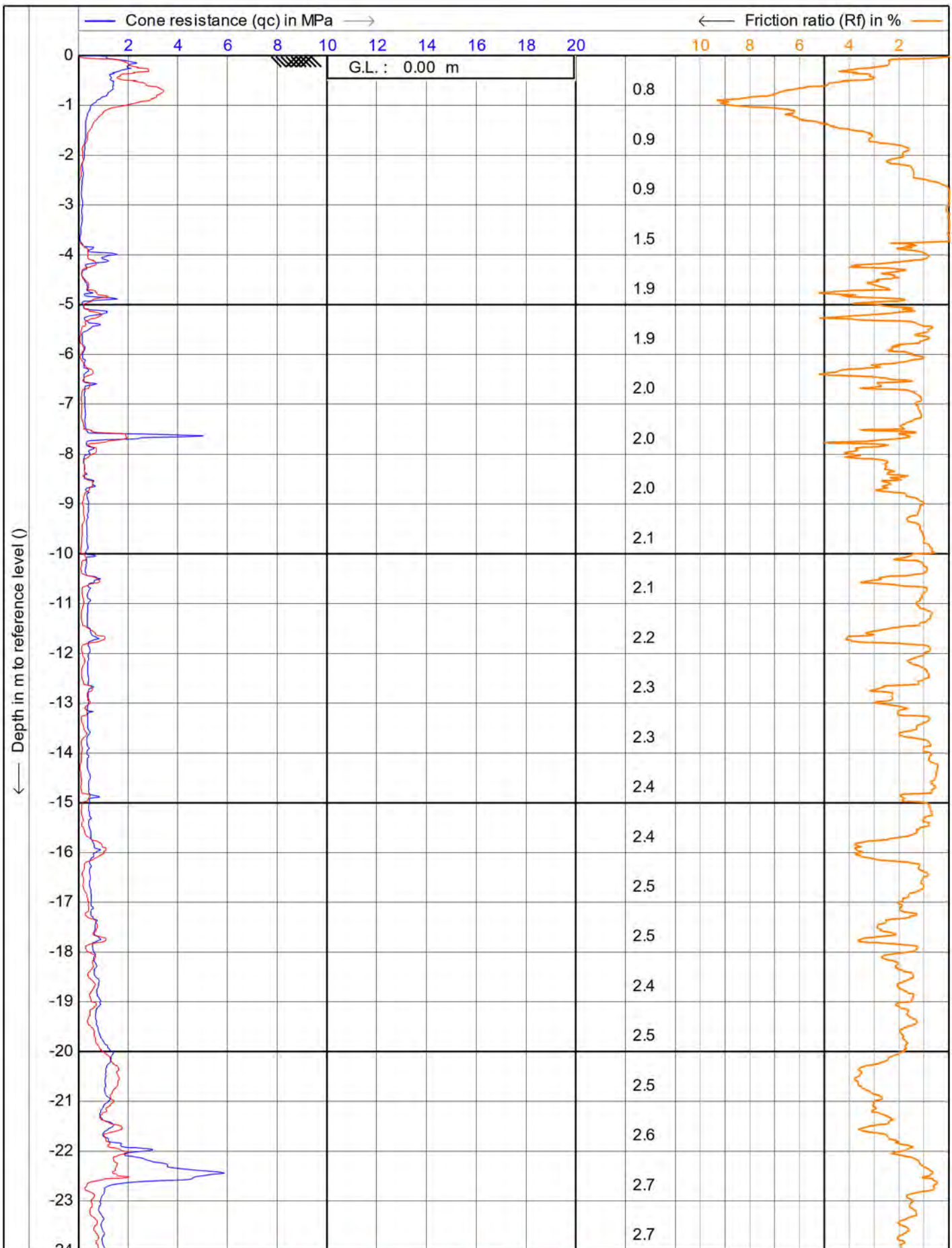
Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**

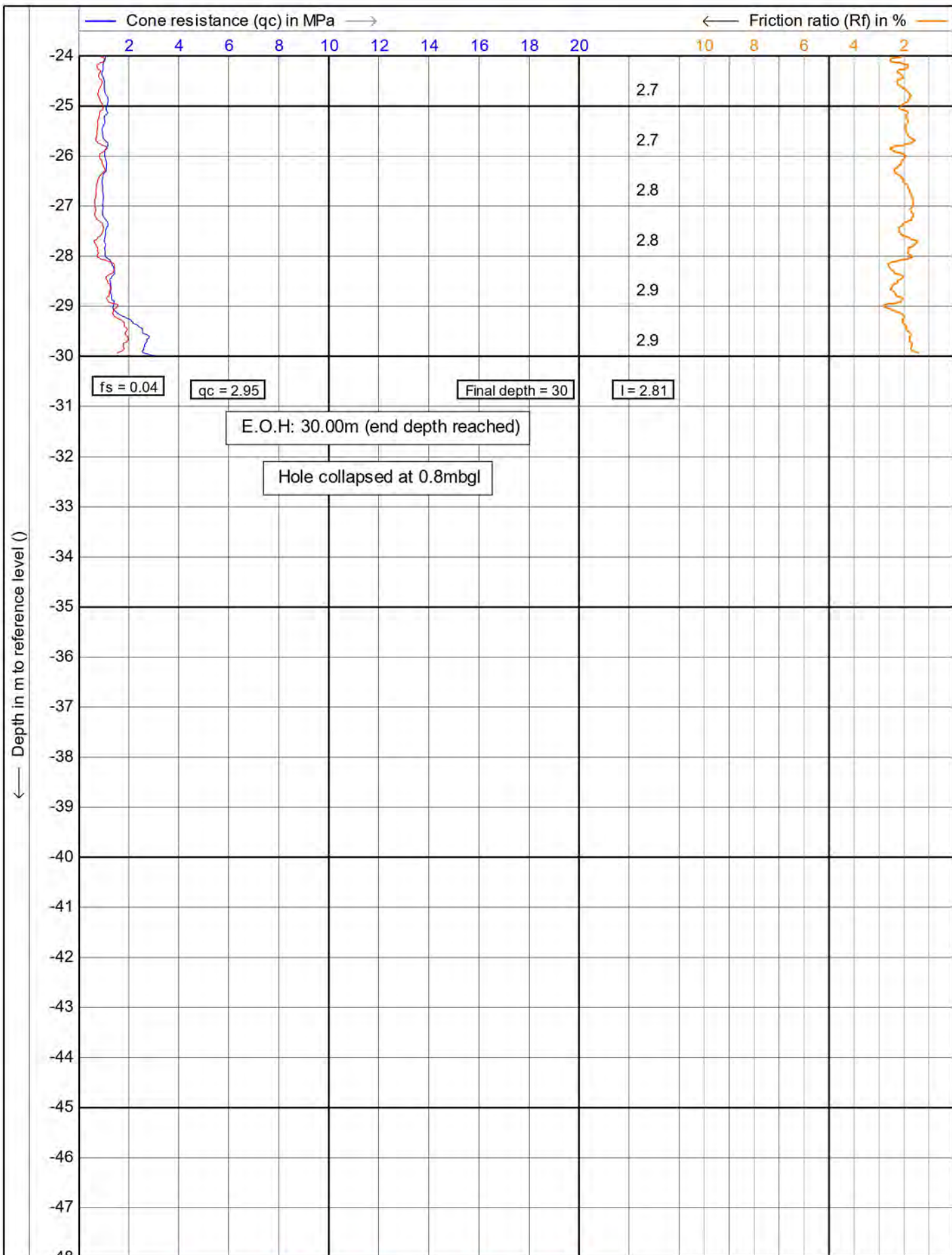
Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_13** 15/15

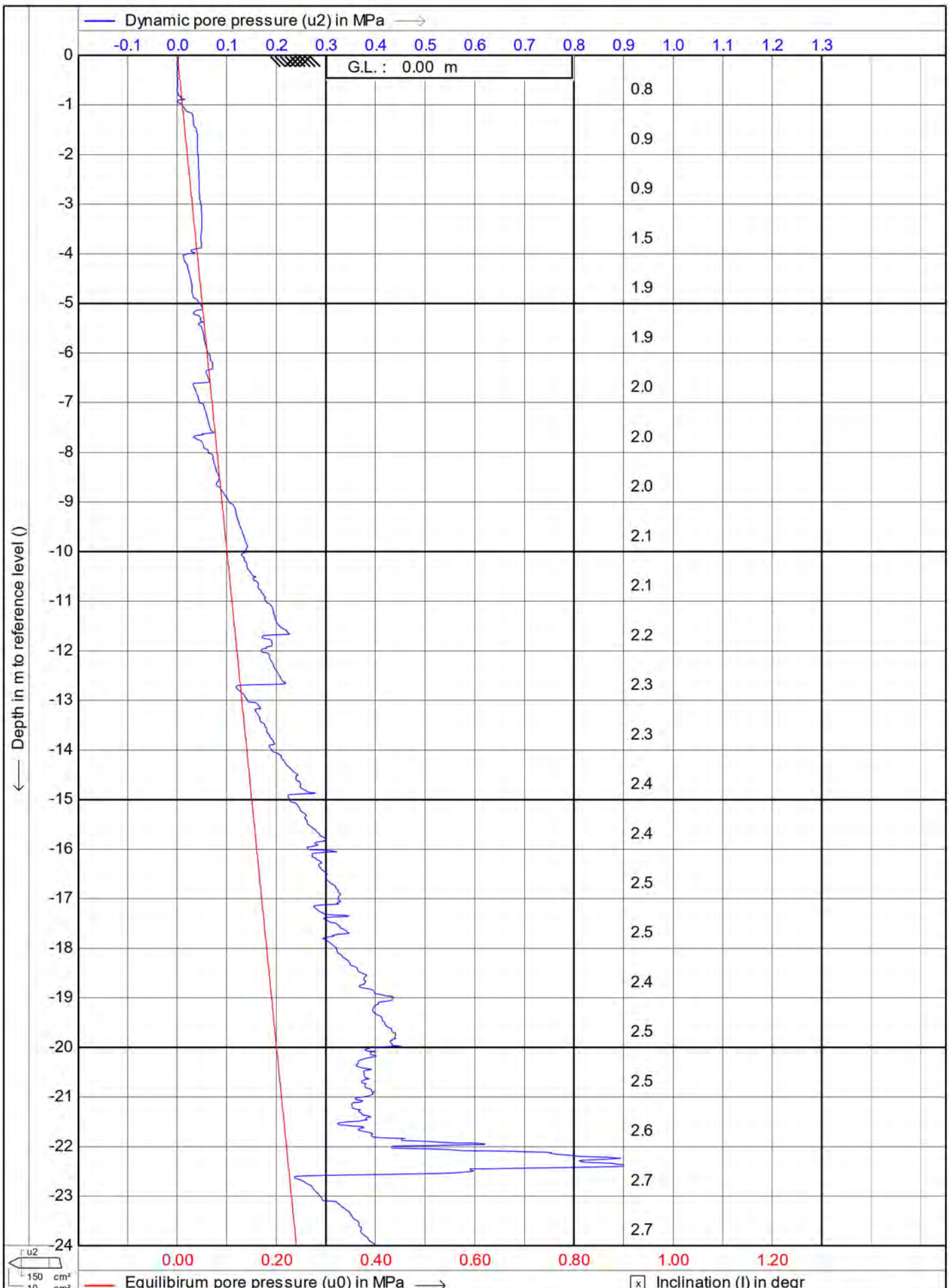


Test according NEN 5140 class 1		Date : 19/04/2021
Project : Hamlin Rd		Cone no. : S10CFIP.S16082
Location: Hamlin Rd, Ardmore		Project no. : <b>DF21GE034</b>
Position: 174.95888, -37.03867 WGS 84		CPT no. : CPT_13A 1/30



	Test according NEN 5140 class 1	Date : 19/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
	Position: 174.95888, -37.03867 WGS 84	CPT no. : CPT_13A 2/30





Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

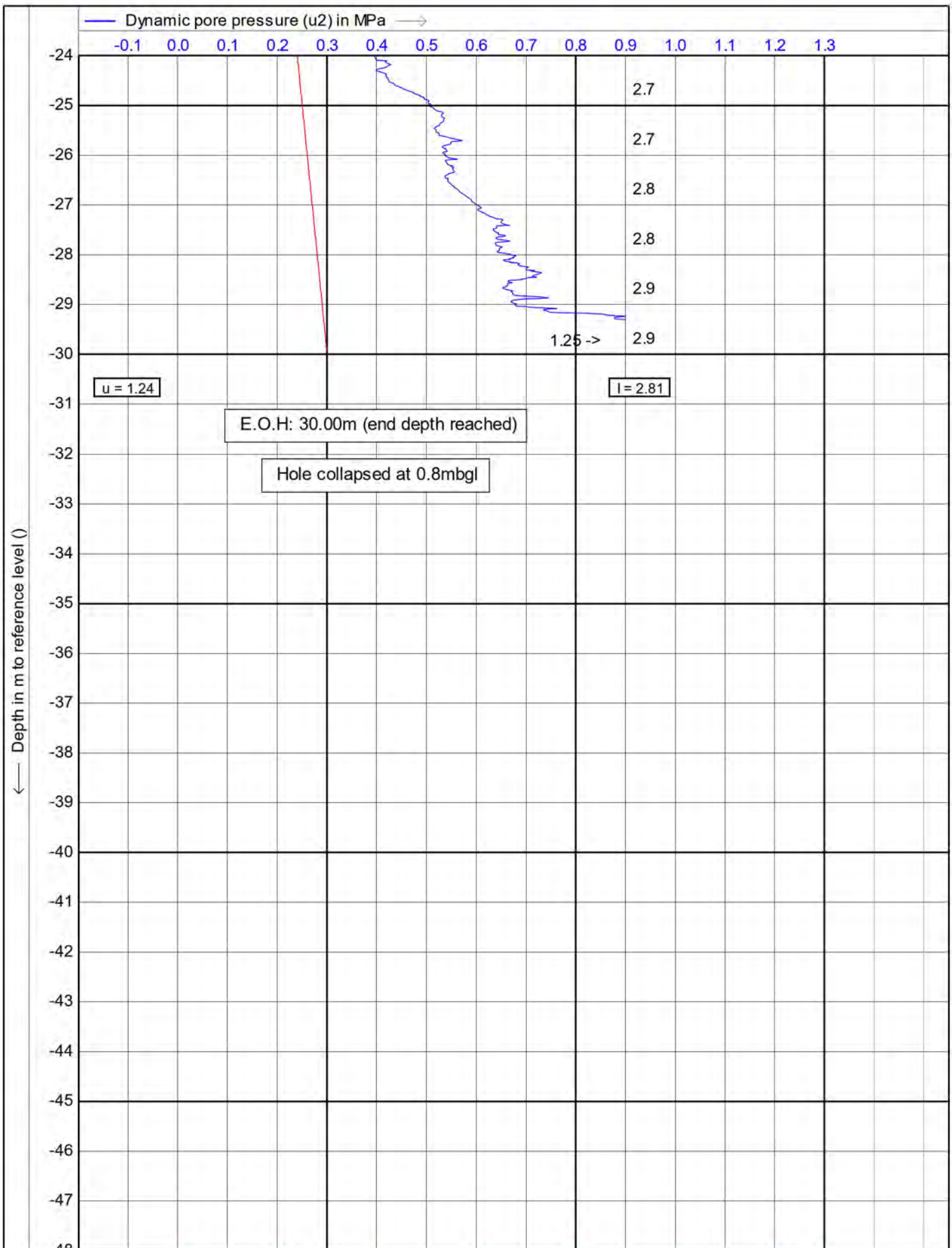
Position: 174.95888, -37.03867 WGS 84

Date : 19/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : CPT\_13A 3/30

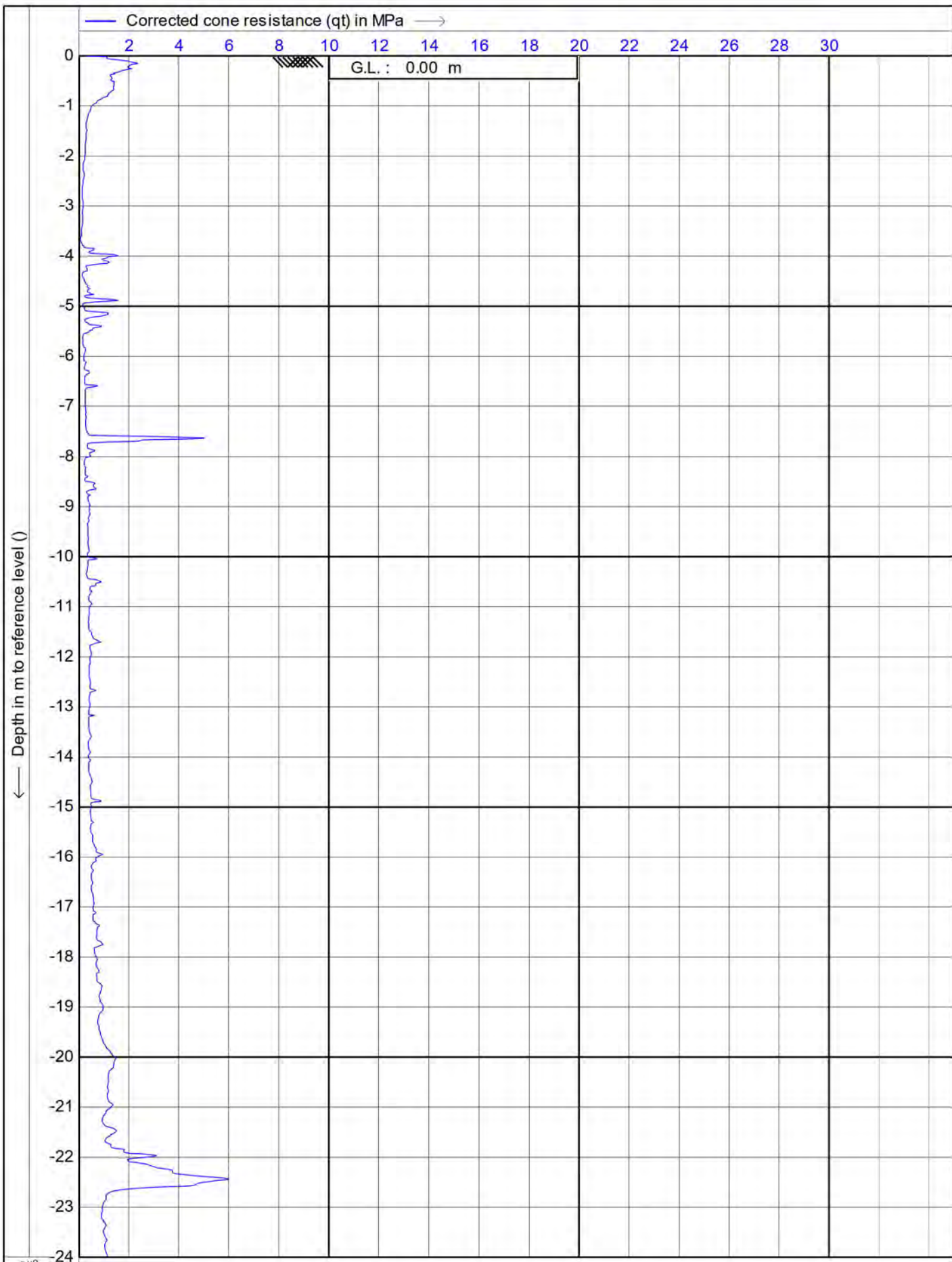


**DRILLFORCE**  
THE DRILLING SPECIALISTS

Test according NEN 5140 class 1

Project : Hamlin Rd  
Location: Hamlin Rd, Ardmore  
Position: 174.95888, -37.03867 WGS 84

Date : 19/04/2021  
Cone no. : S10CFIIP.S16082  
Project no. : **DF21GE034**  
CPT no. : CPT\_13A 4/30



150 cm<sup>2</sup>  
10 cm<sup>2</sup>



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.95888, -37.03867 WGS 84**

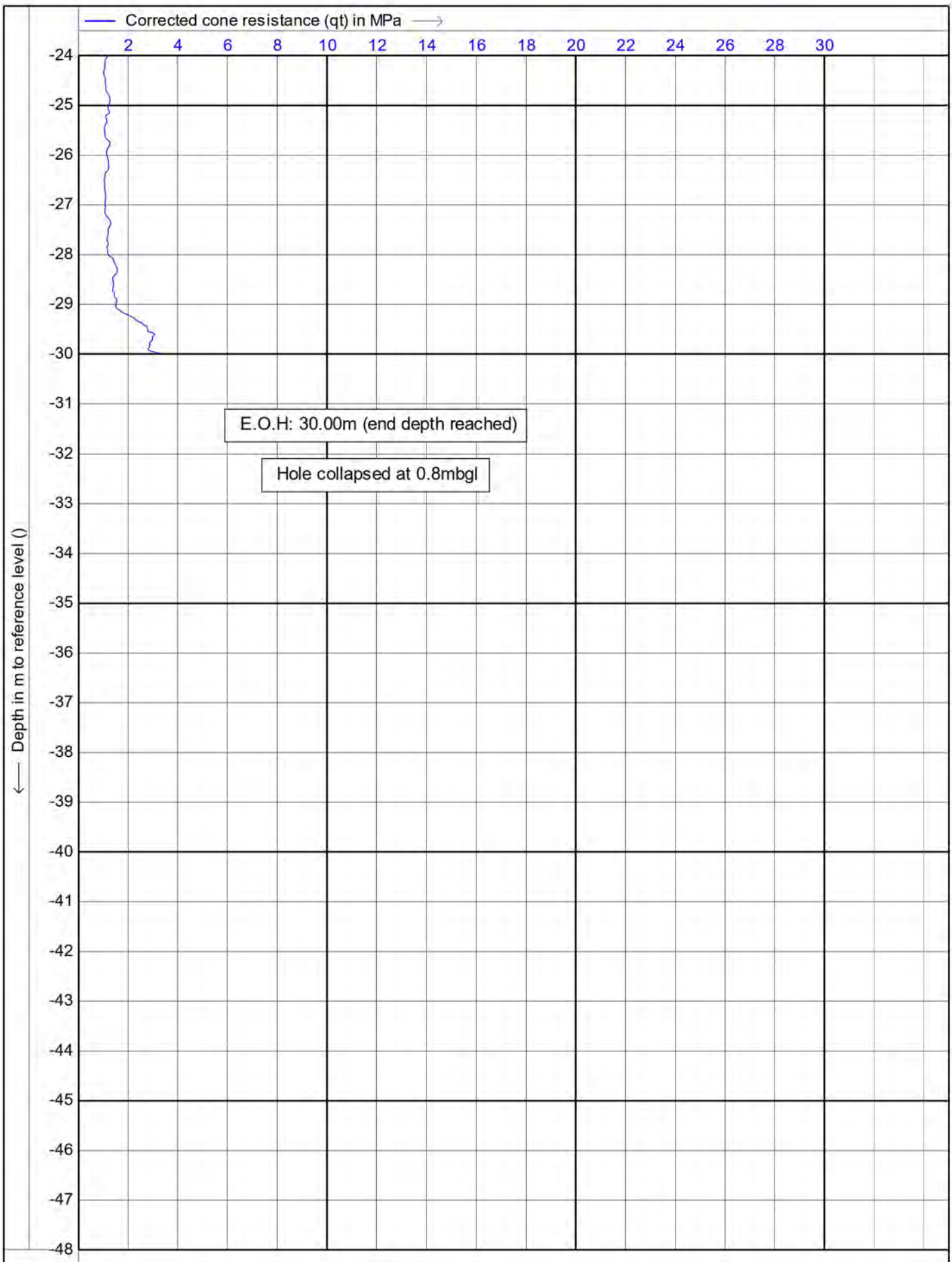
Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_13A 5/30**

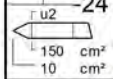
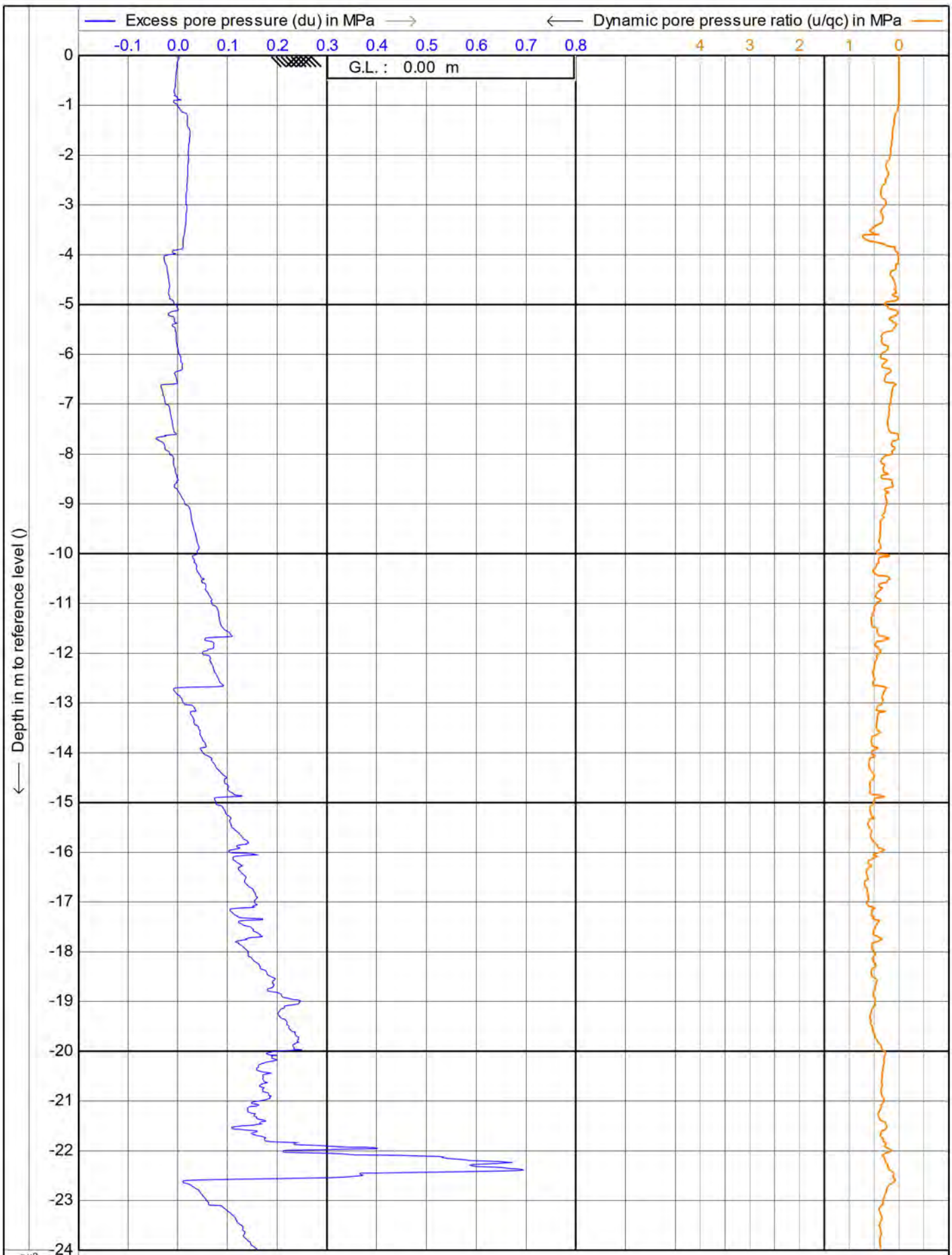




Test according NEN 5140 class 1

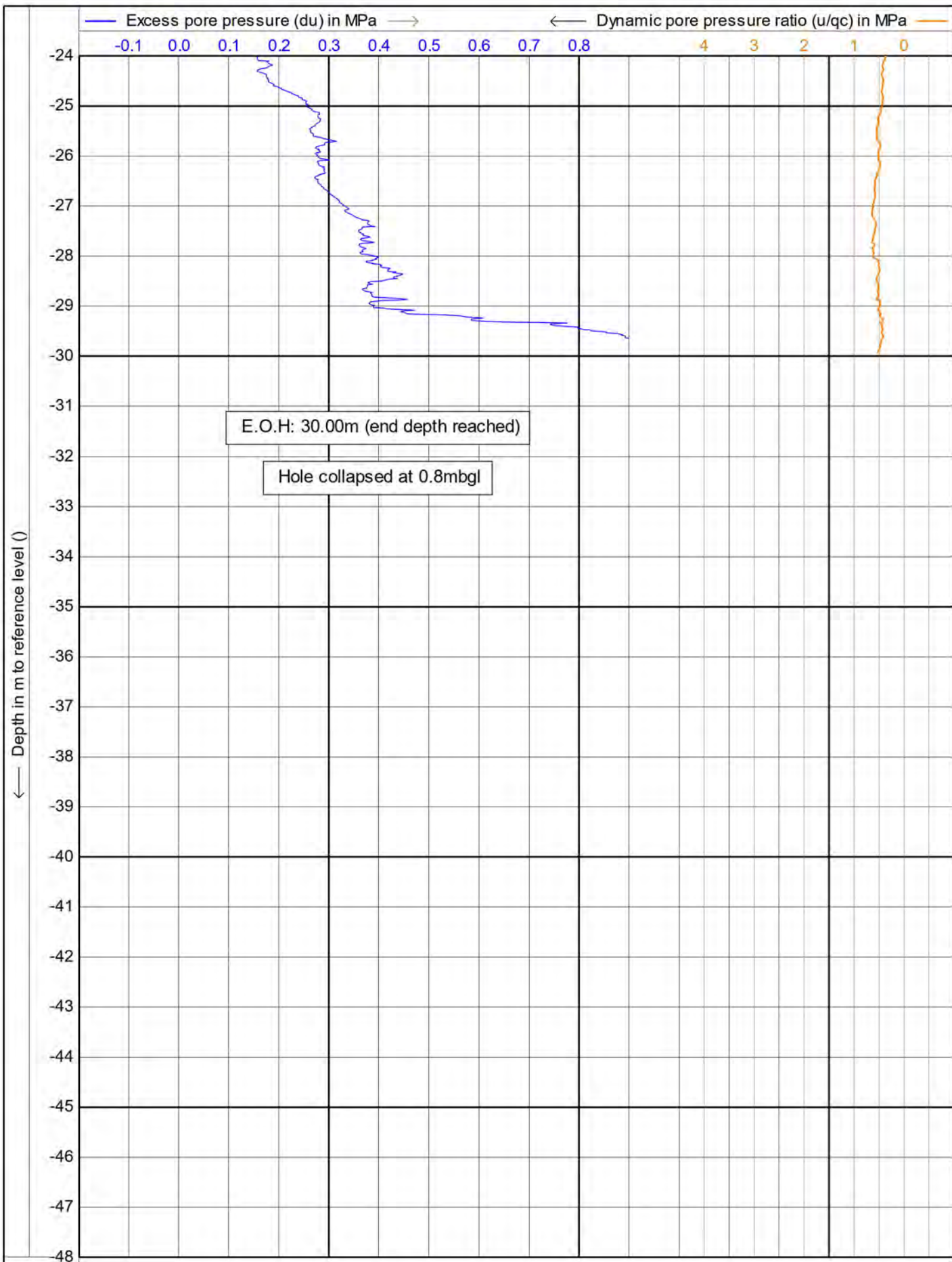
Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**  
 Cone no. : **S10CFIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_13A 6/30**



Test according NEN 5140 class 1  
 Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**  
 Cone no. : **S10CFIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_13A 7/30**



E.O.H: 30.00m (end depth reached)

Hole collapsed at 0.8mbgl

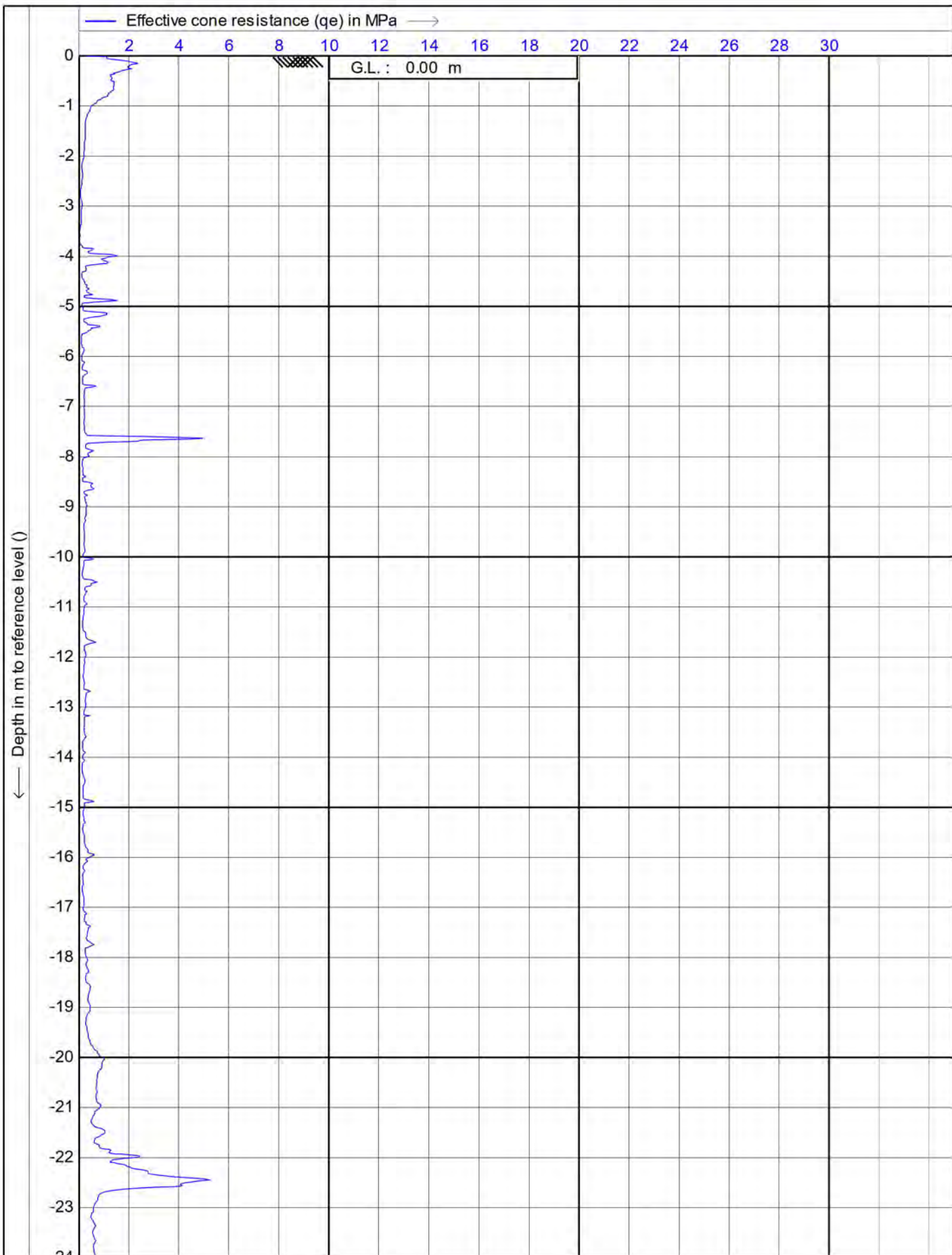


Test according NEN 5140 class 1

Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95888, -37.03867 WGS 84

Date : 19/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_13A 8/30





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.95888, -37.03867 WGS 84**

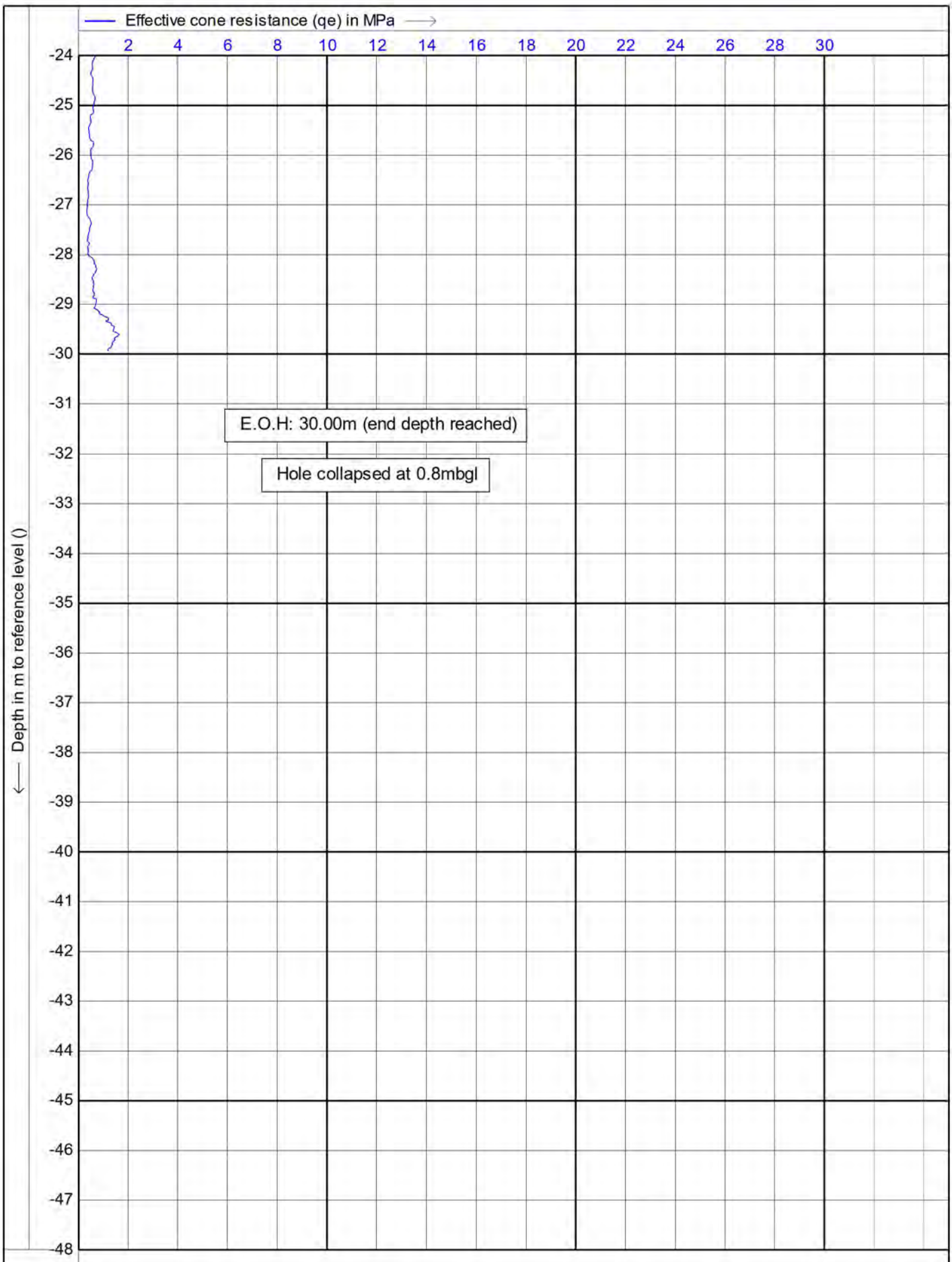
Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_13A 9/30**





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

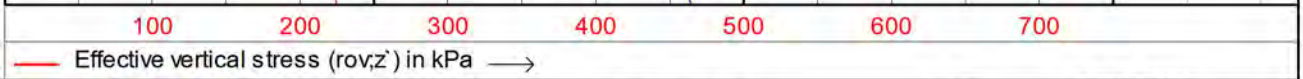
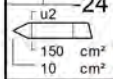
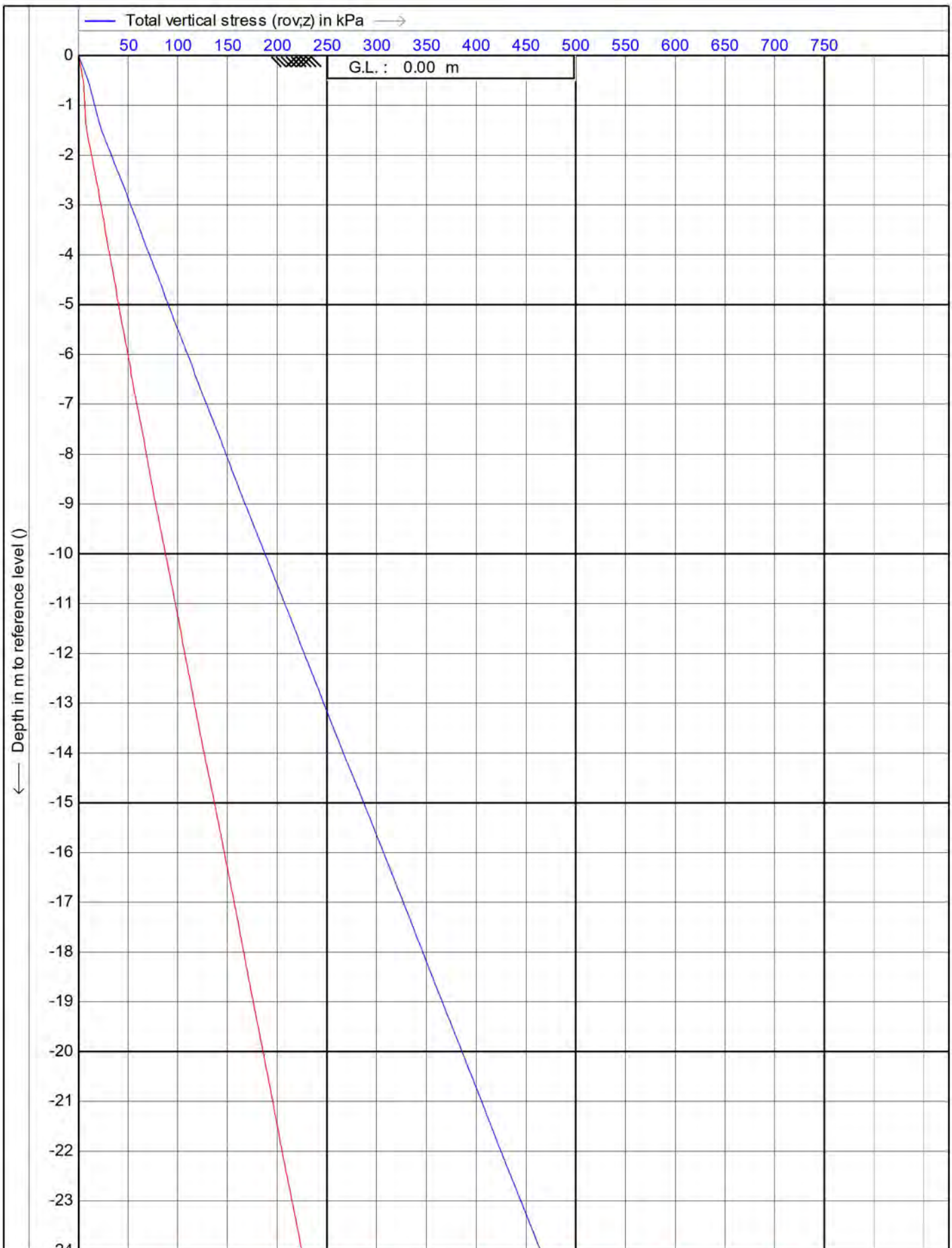
Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

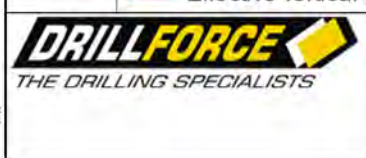
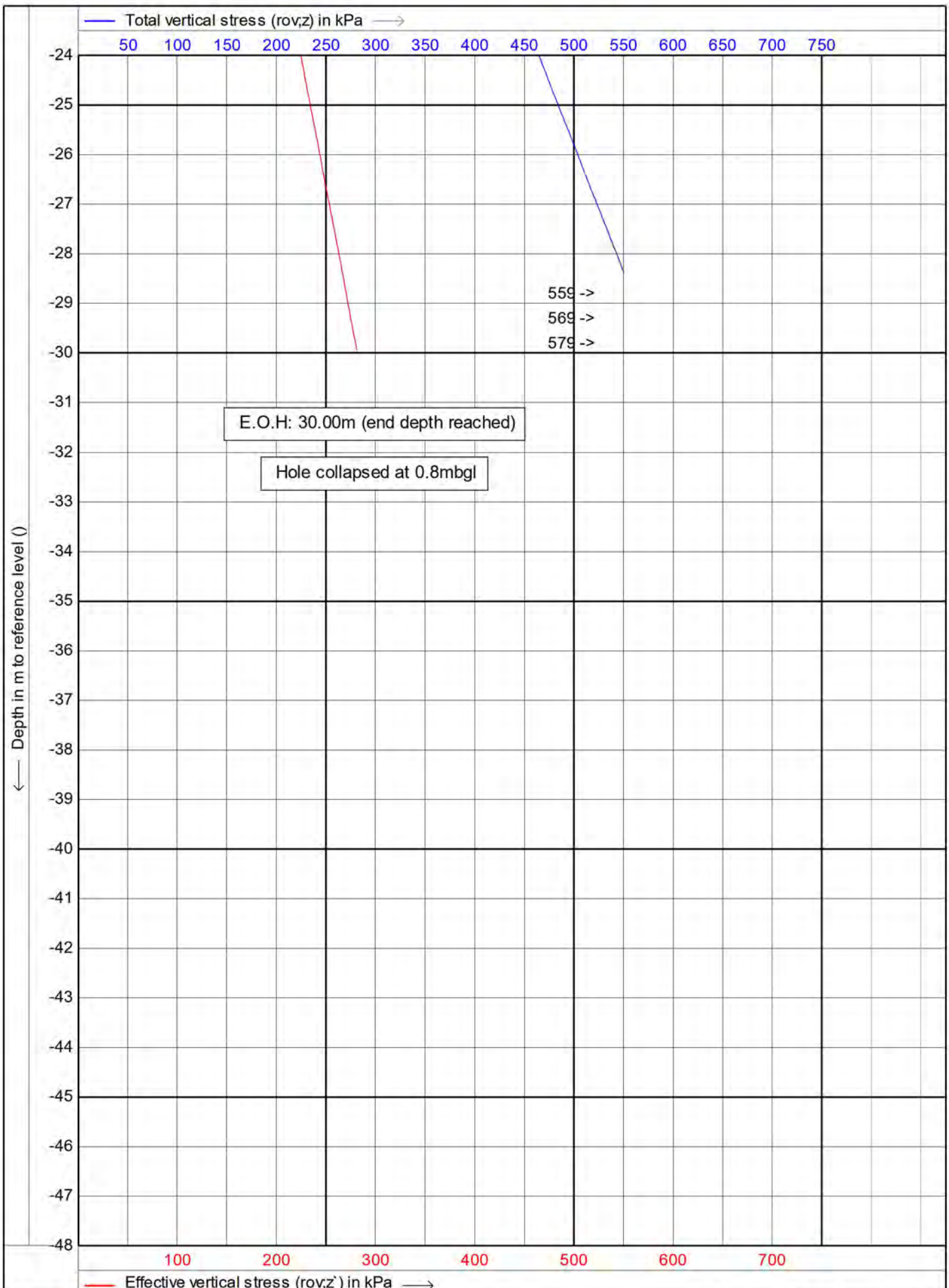
Project no. : **DF21GE034**

CPT no. : **CPT\_13A 10/30**



Test according NEN 5140 class 1  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95888, -37.03867 WGS 84

Date : 19/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_13A 11/30



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95888, -37.03867 WGS 84

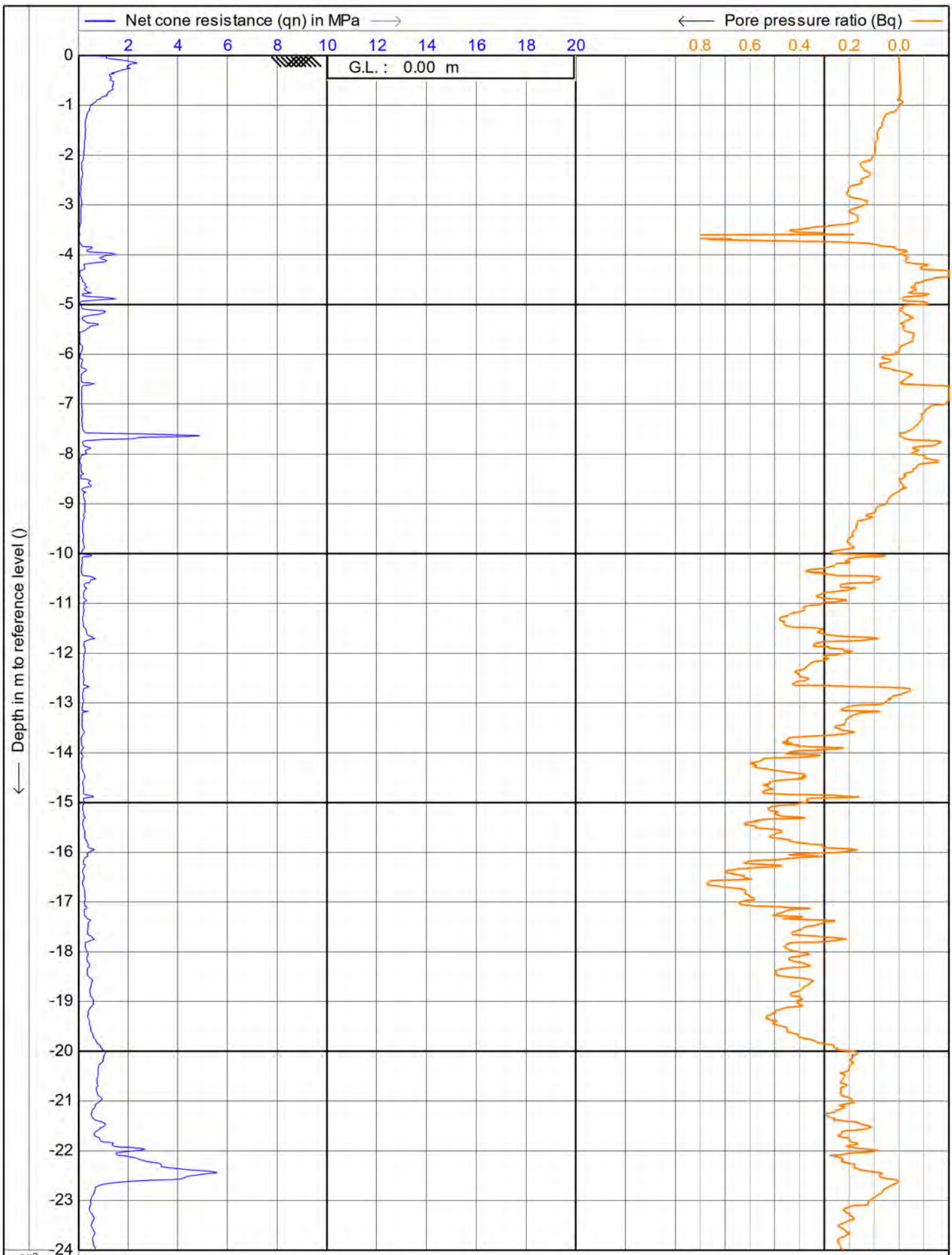
Date : 19/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : CPT\_13A 12/30





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.95888, -37.03867 WGS 84**

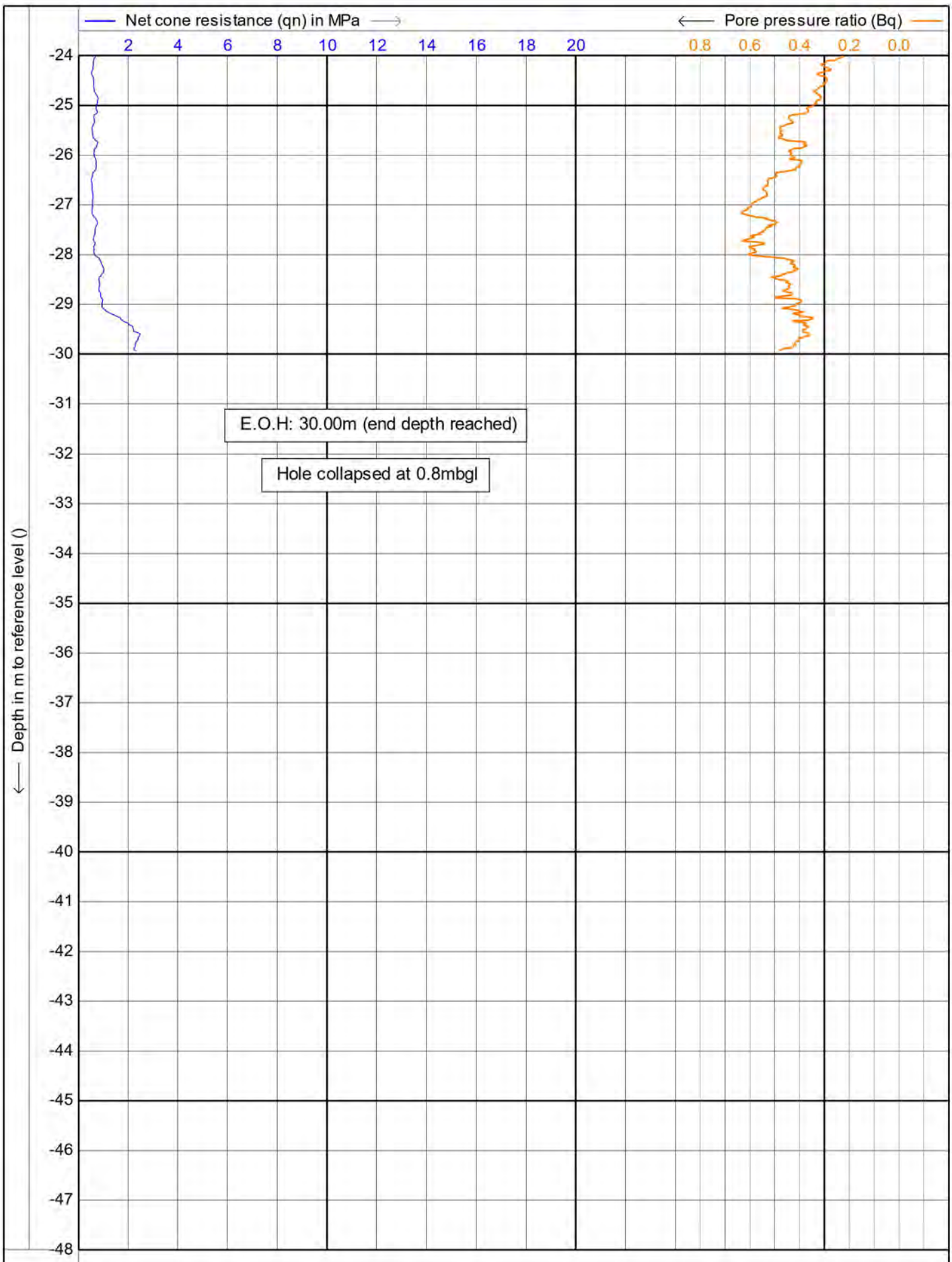
Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_13A 13/30**





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

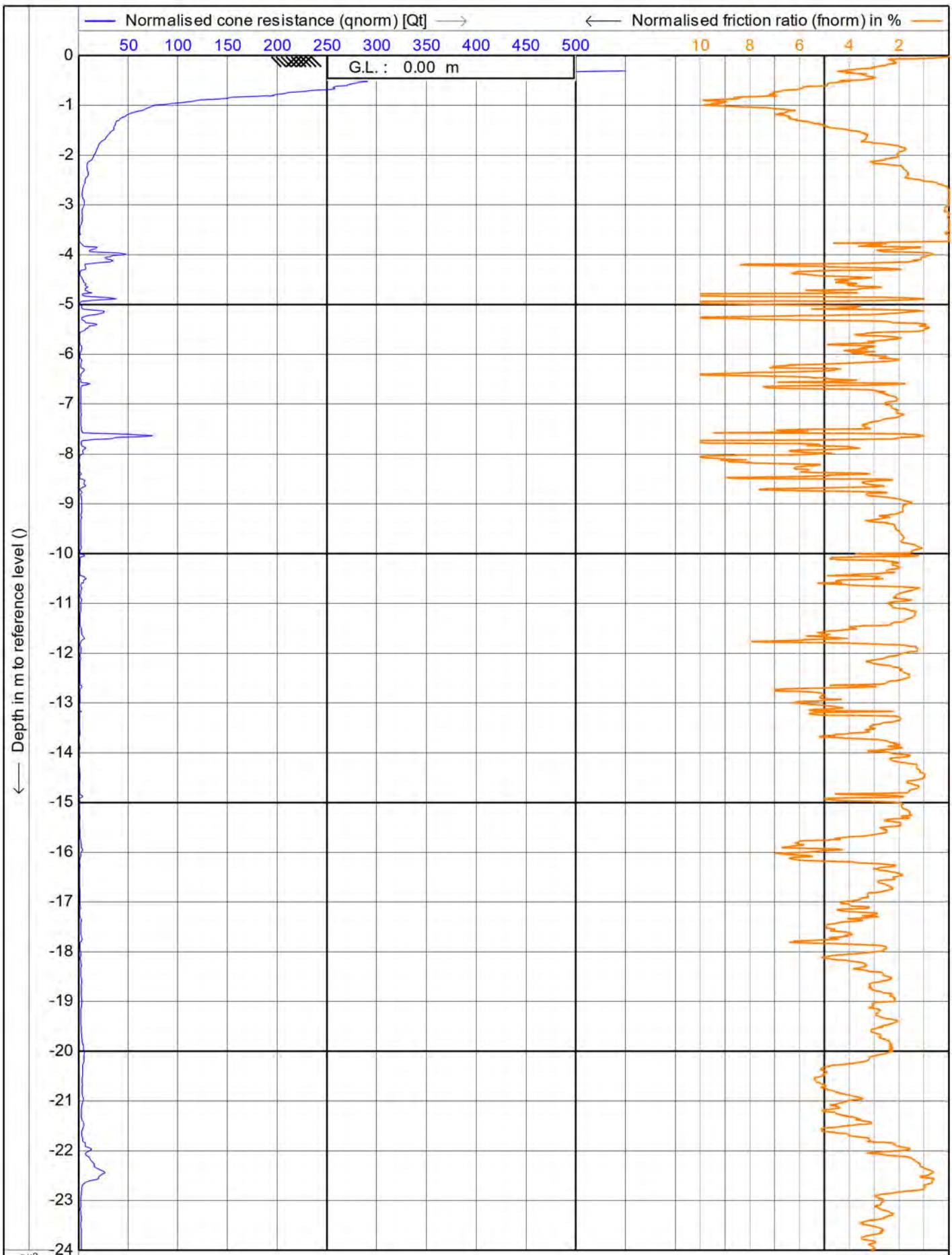
Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIIP.S16082**

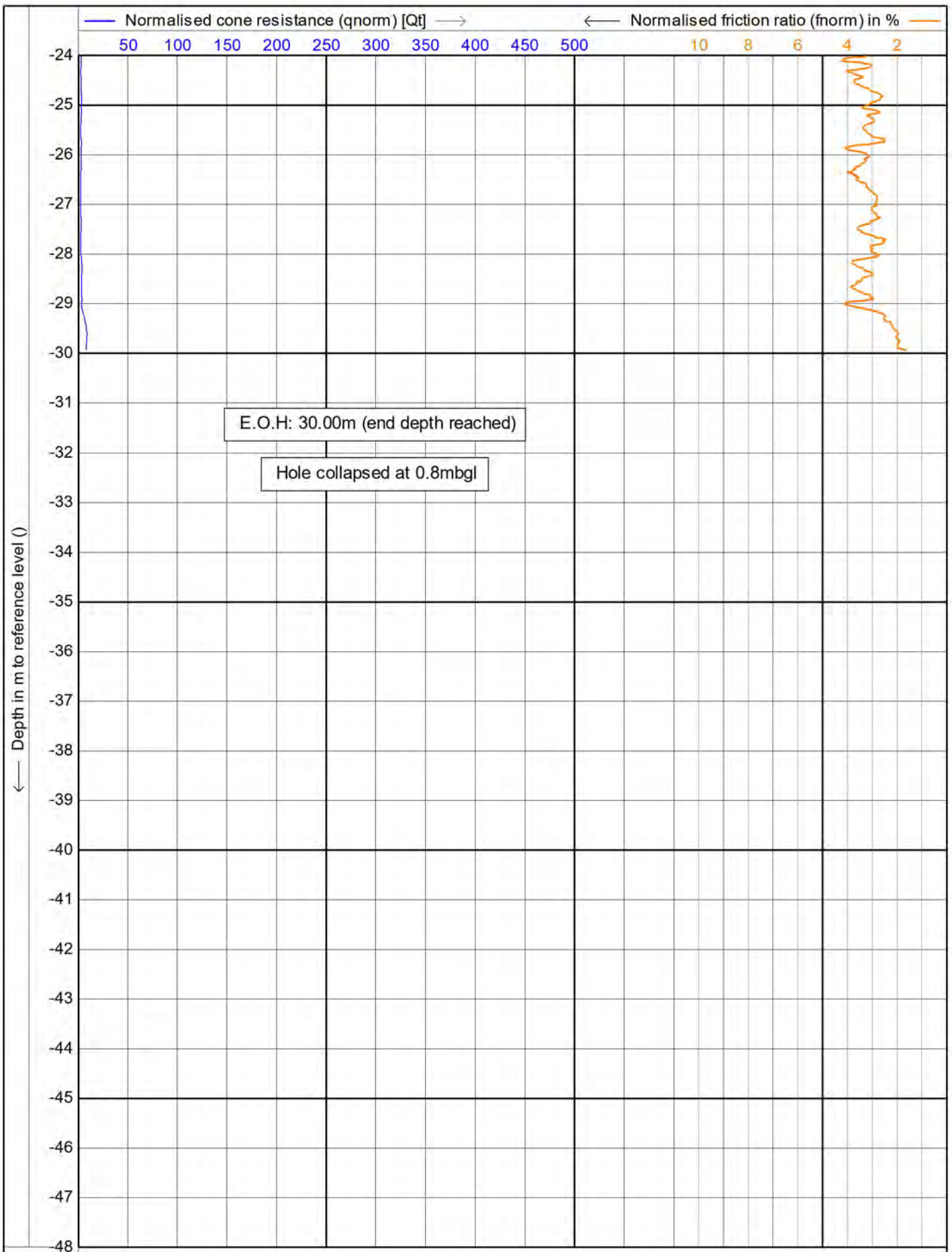
Project no. : **DF21GE034**

CPT no. : **CPT\_13A 14/30**



Test according NEN 5140 class 1  
 Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.95888, -37.03867 WGS 84**

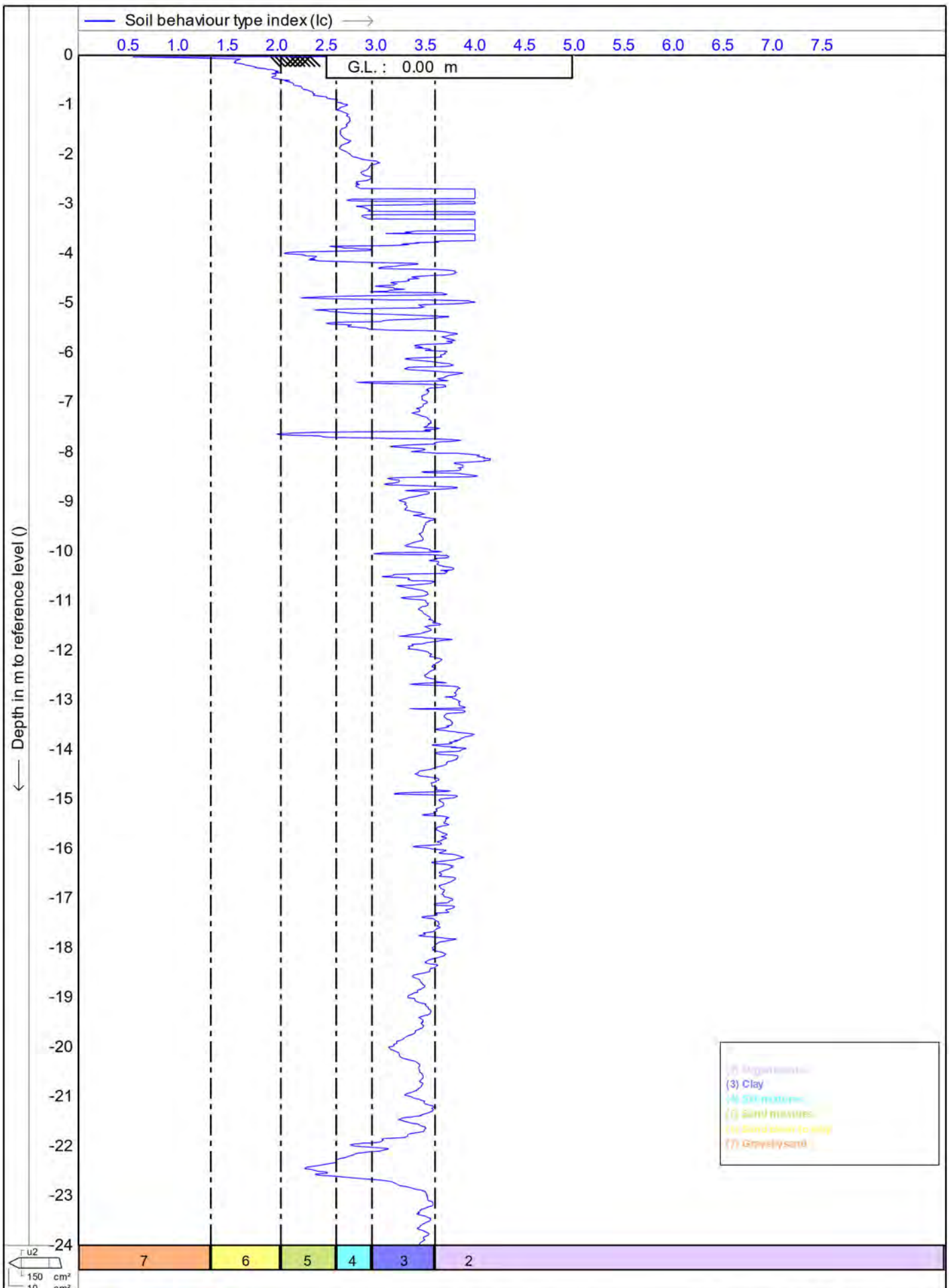
Date : **19/04/2021**  
 Cone no. : **S10CFIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_13A 15/30**



Test according NEN 5140 class 1  
 Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**  
 Cone no. : **S10CFIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_13A 16/30**





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

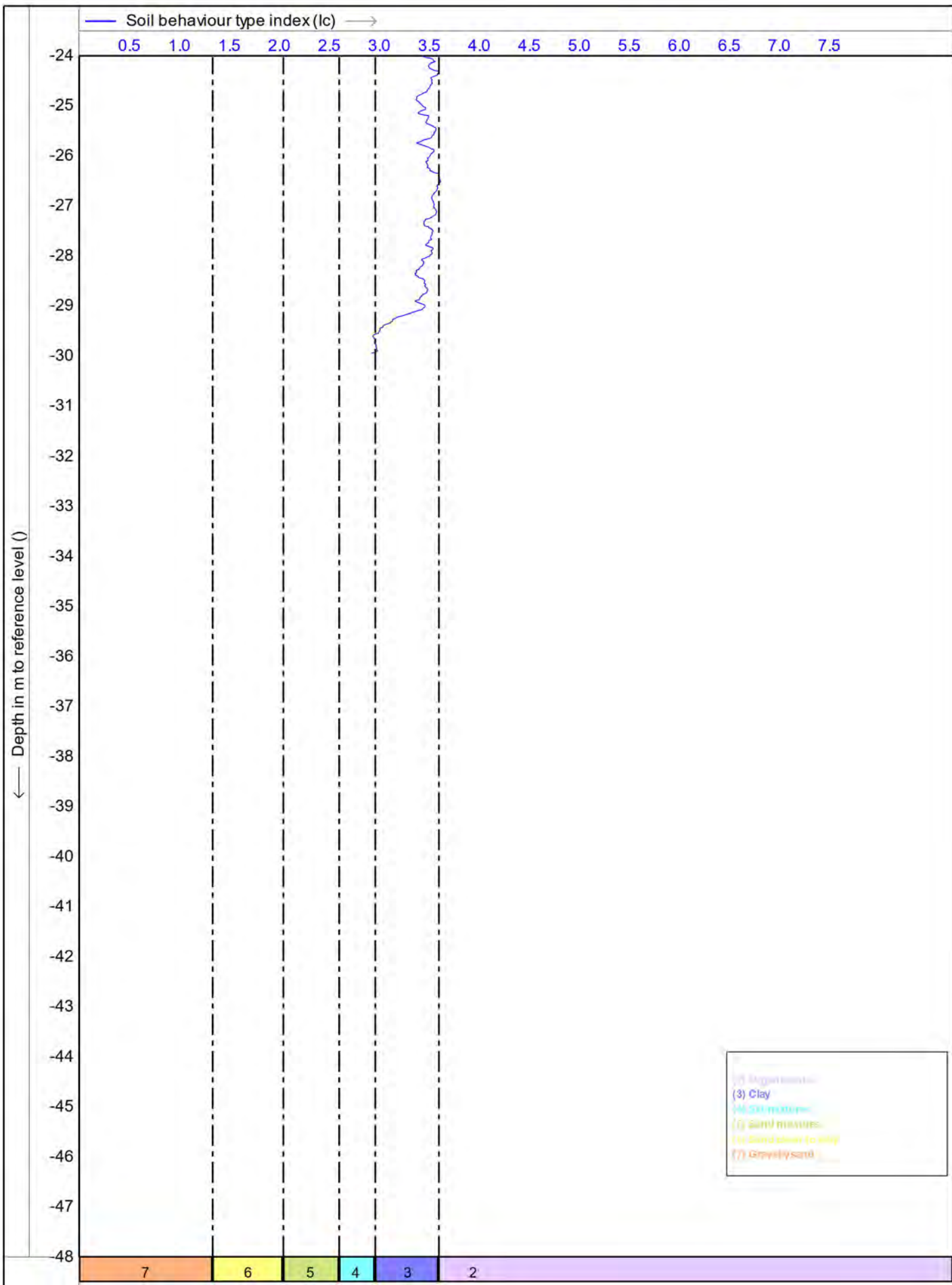
Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_13A** 17/30



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

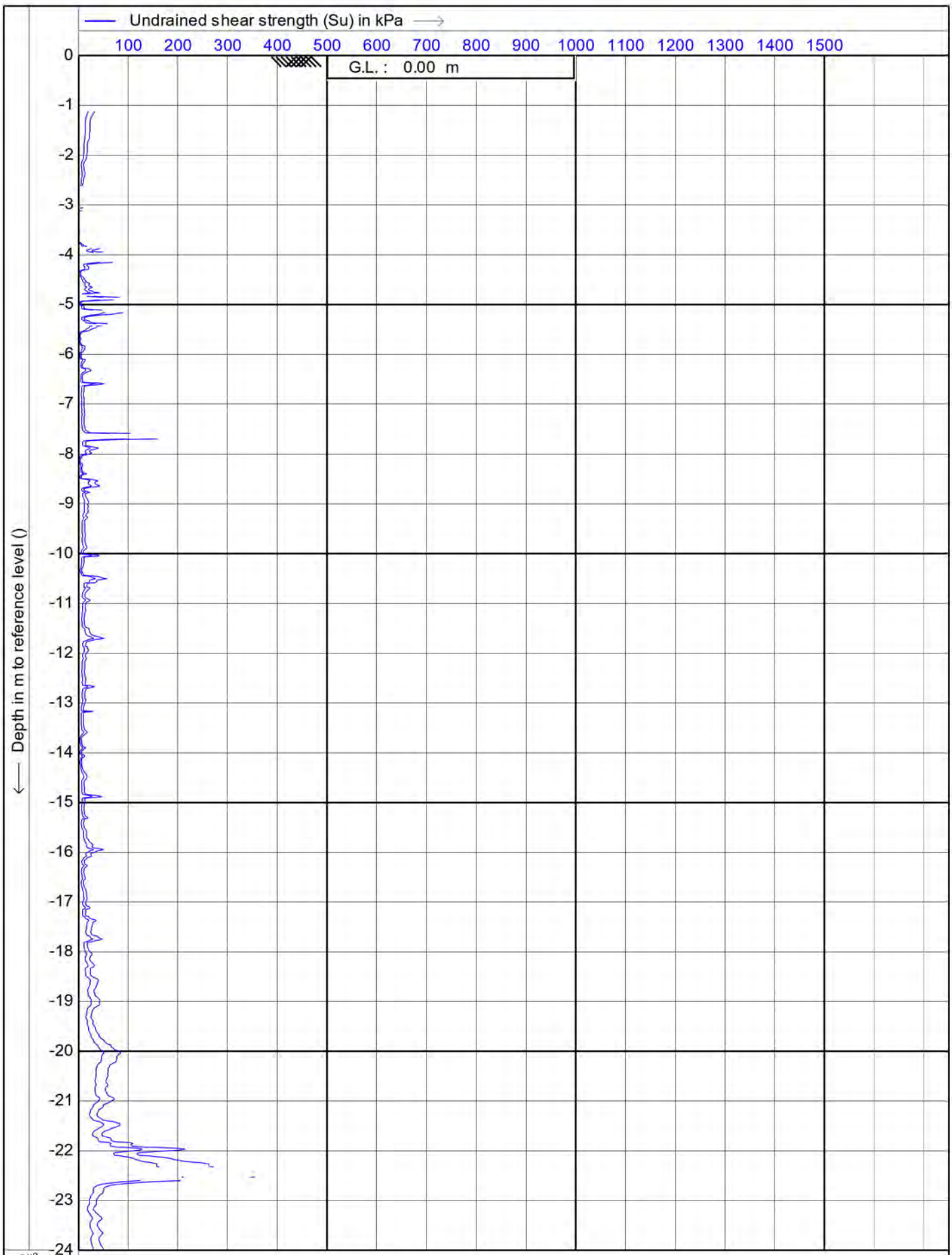
Position: 174.95888, -37.03867 WGS 84

Date : 19/04/2021

Cone no. : S10CFIP.S16082

Project no. : DF21GE034

CPT no. : CPT\_13A 18/30



F U2  
150 cm<sup>2</sup>  
10 cm<sup>2</sup>



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.95888, -37.03867 WGS 84**

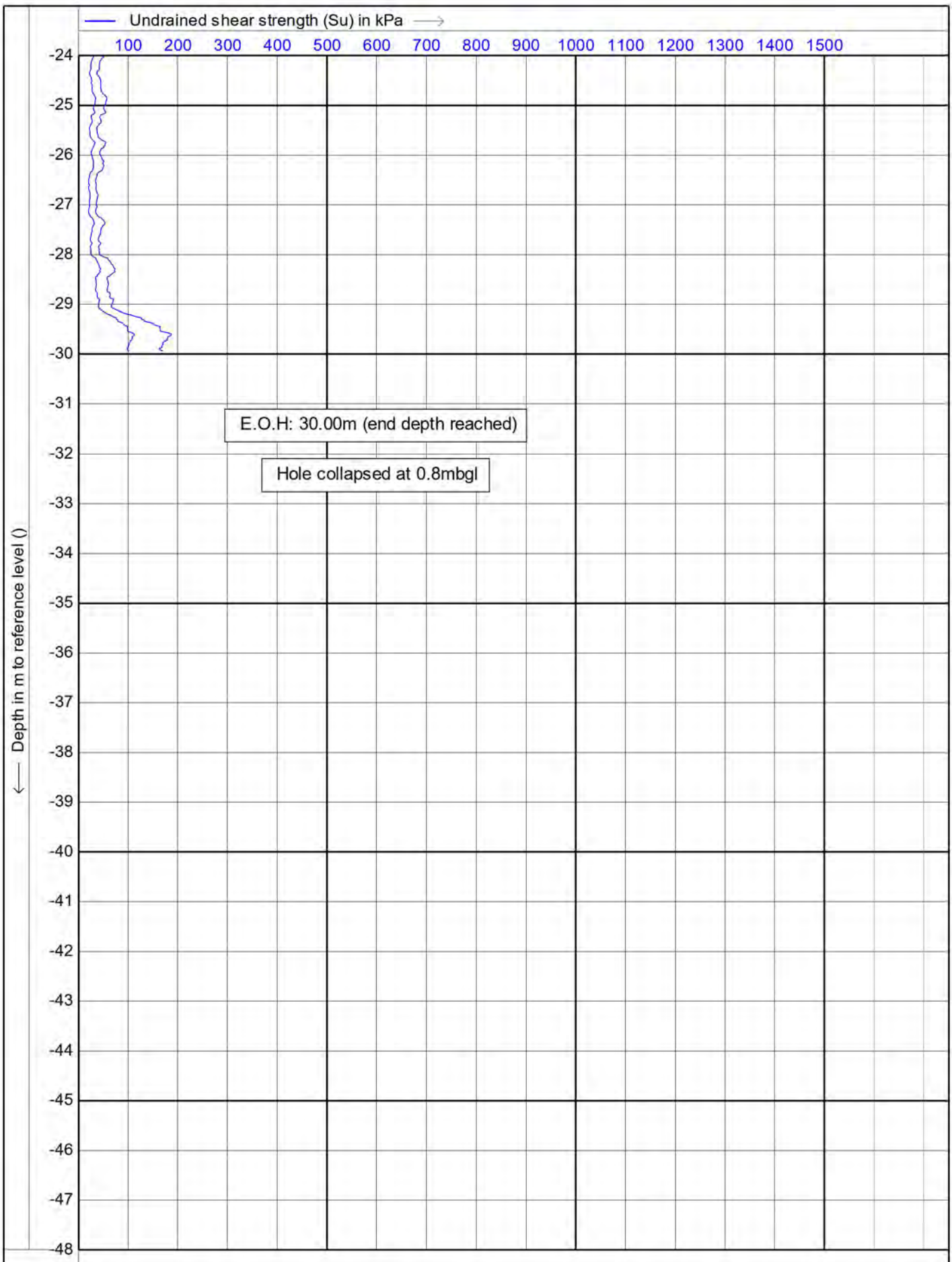
Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_13A 19/30**





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

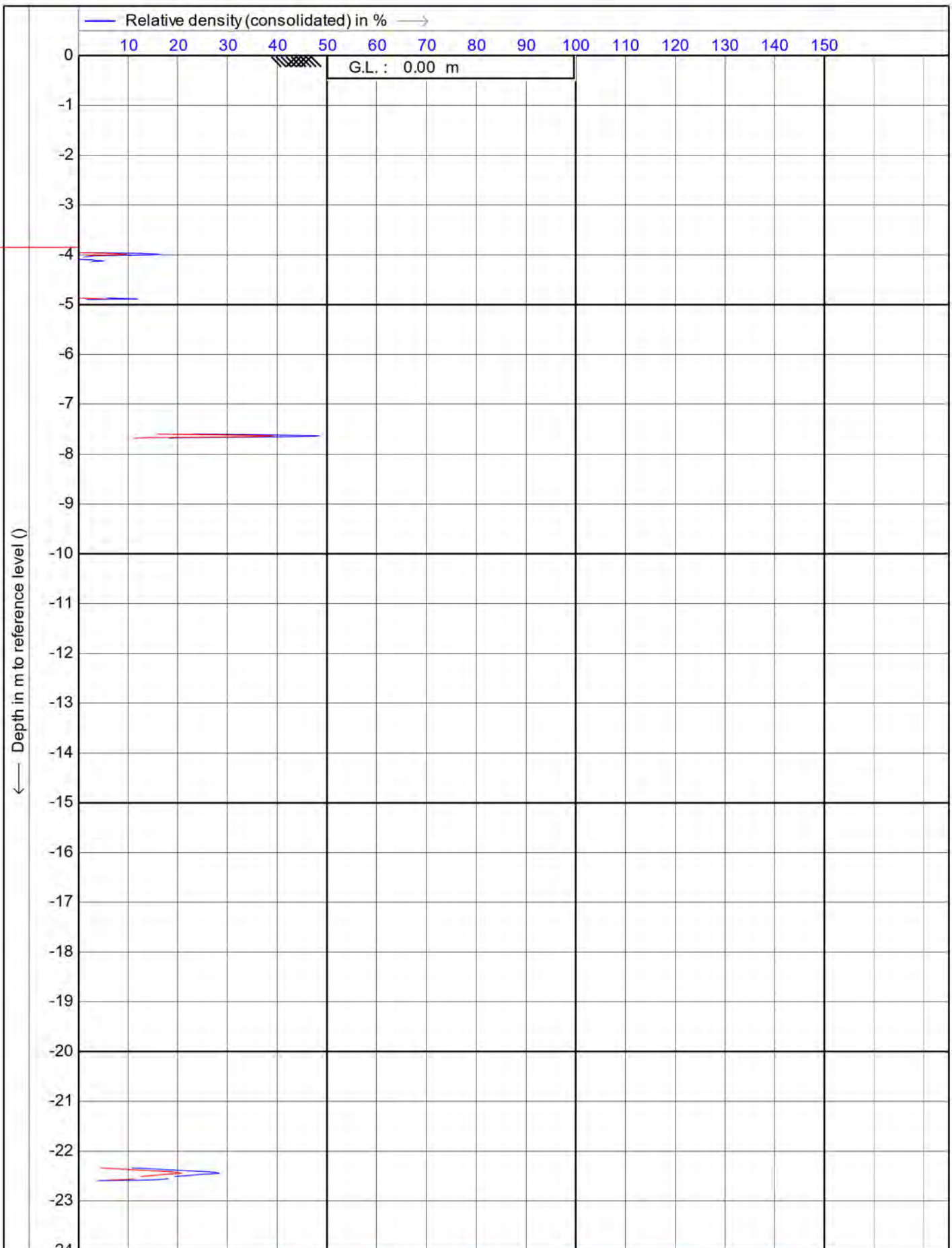
Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**

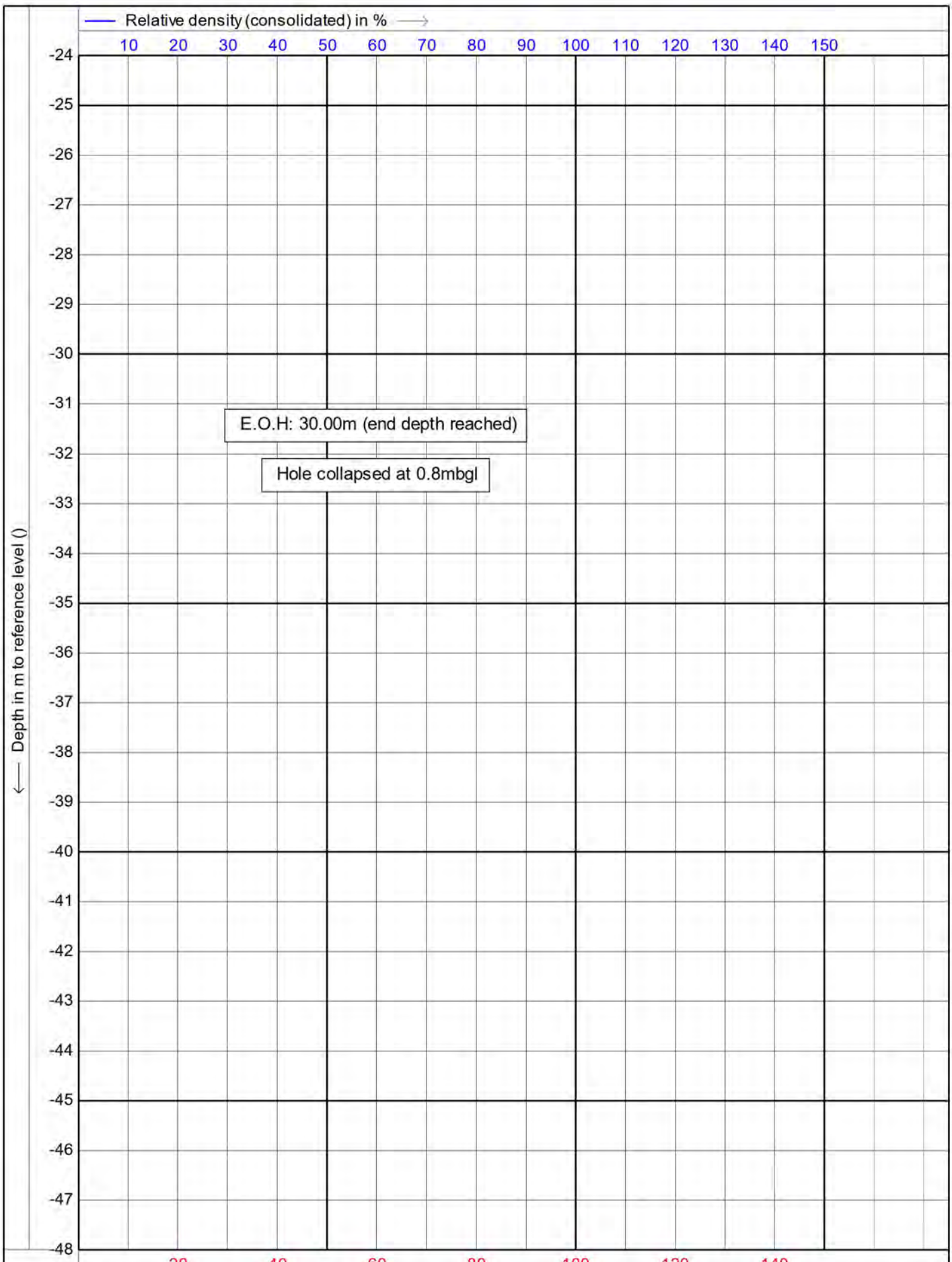
Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_13A 20/30**



Test according NEN 5140 class 1		Date : 19/04/2021
Project : Hamlin Rd		Cone no. : S10CFIP.S16082
Location: Hamlin Rd, Ardmore		Project no. : <b>DF21GE034</b>
Position: 174.95888, -37.03867 WGS 84		CPT no. : CPT_13A 21/30



E.O.H: 30.00m (end depth reached)

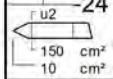
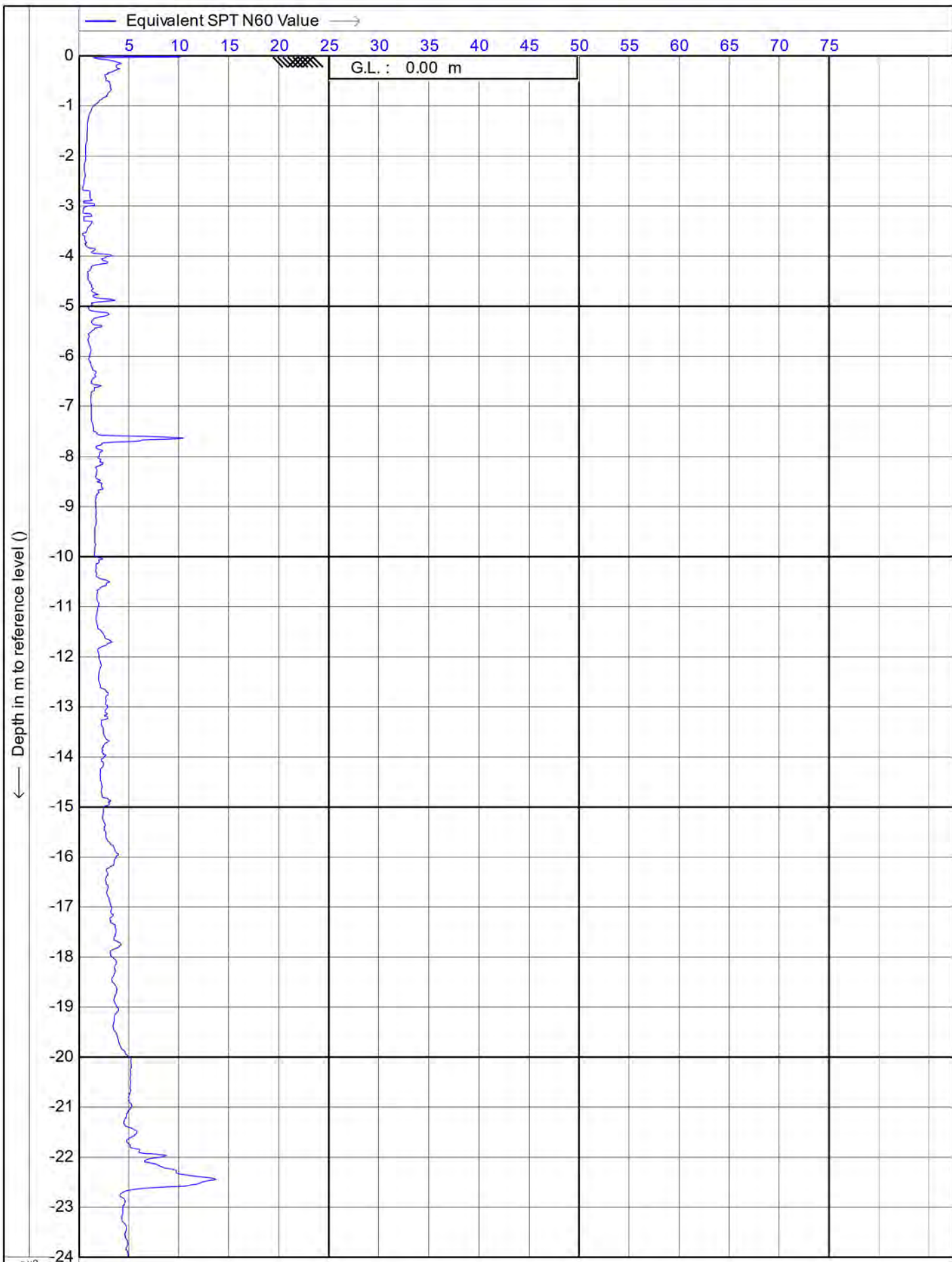
Hole collapsed at 0.8mbgl



Test according NEN 5140 class 1  
 Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**  
 Cone no. : **S10CFIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_13A 22/30**





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

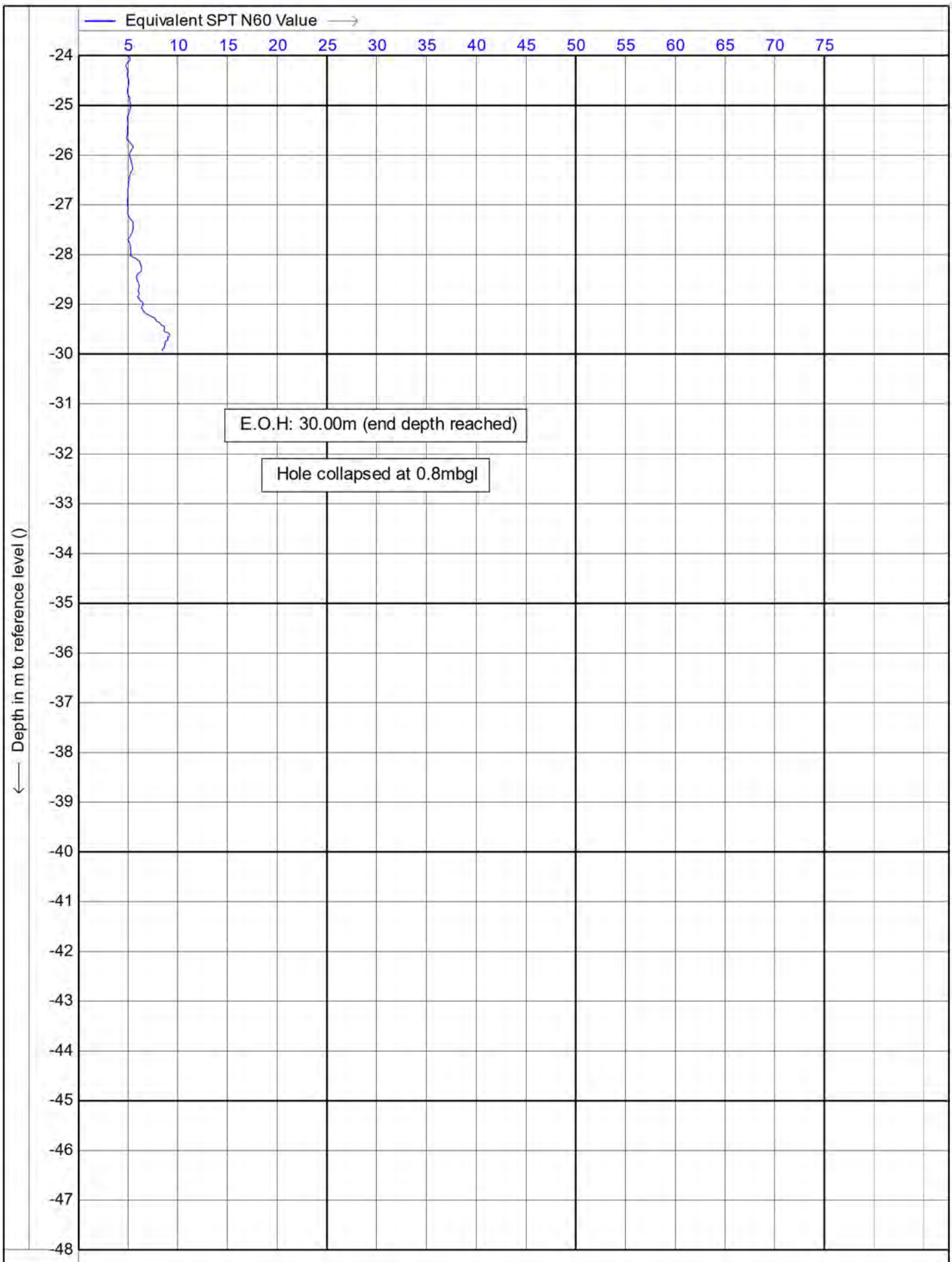
Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_13A** 23/30



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

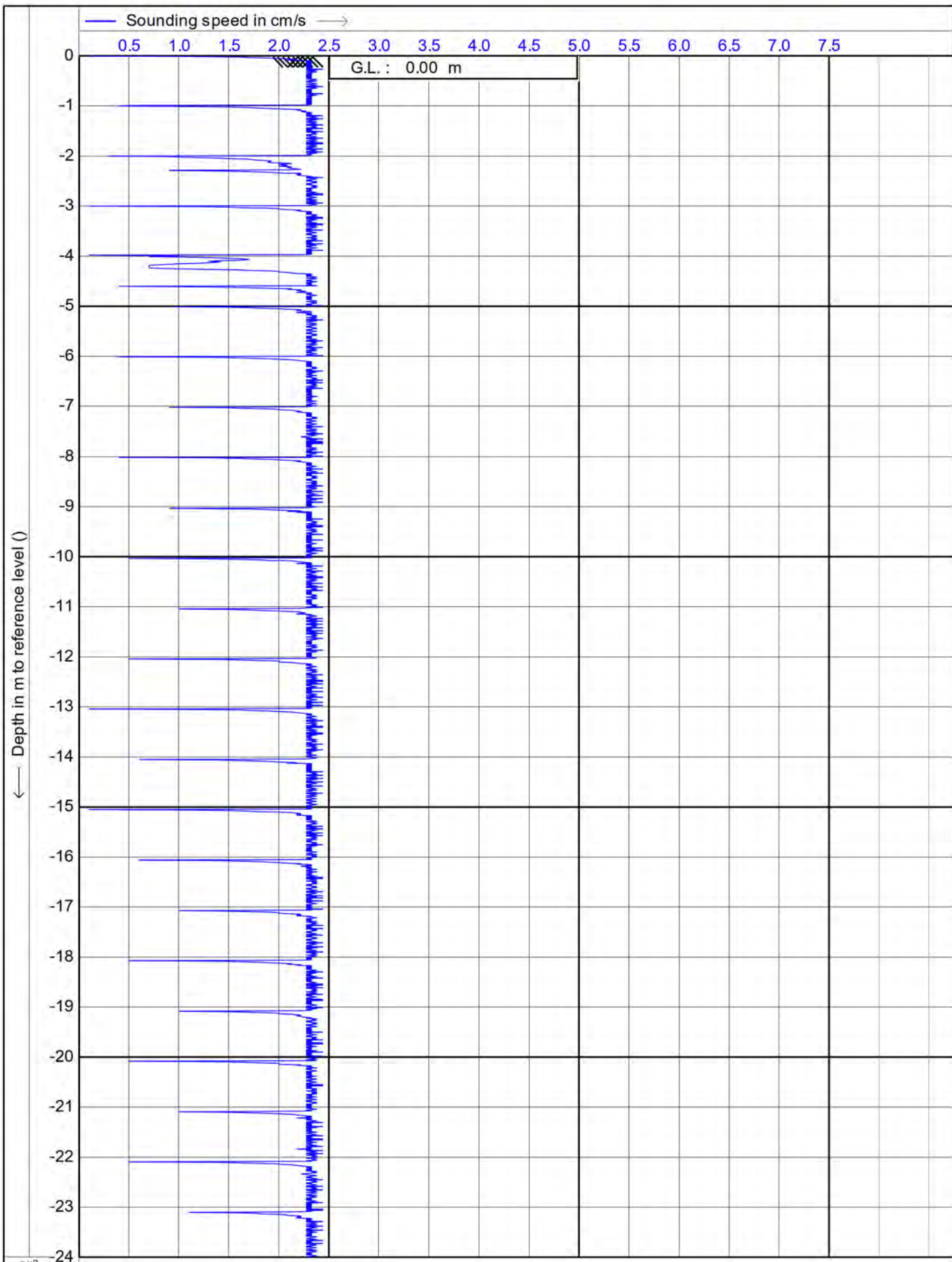
Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_13A 24/30**



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.95888, -37.03867 WGS 84**

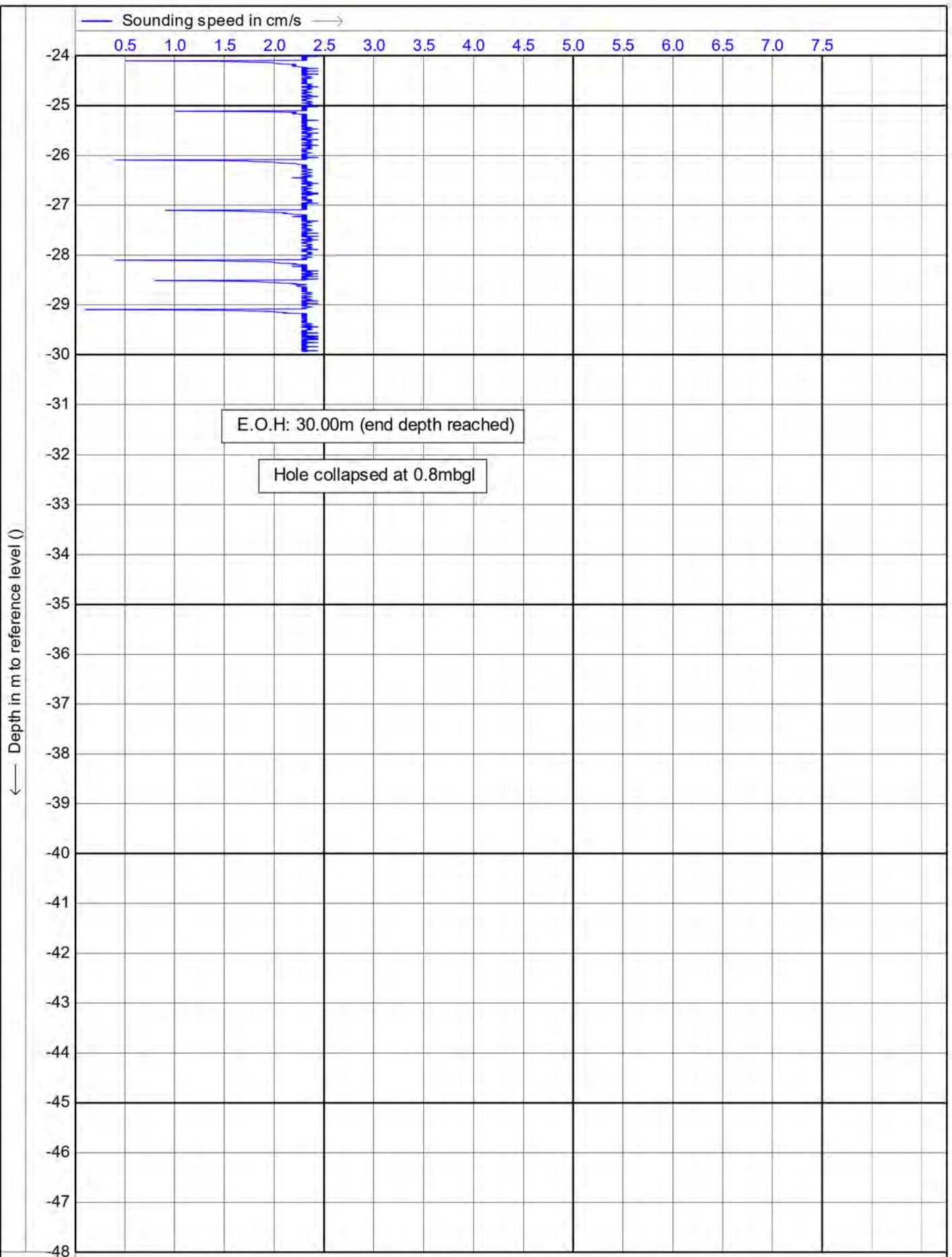
Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_13A** 25/30

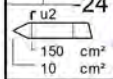
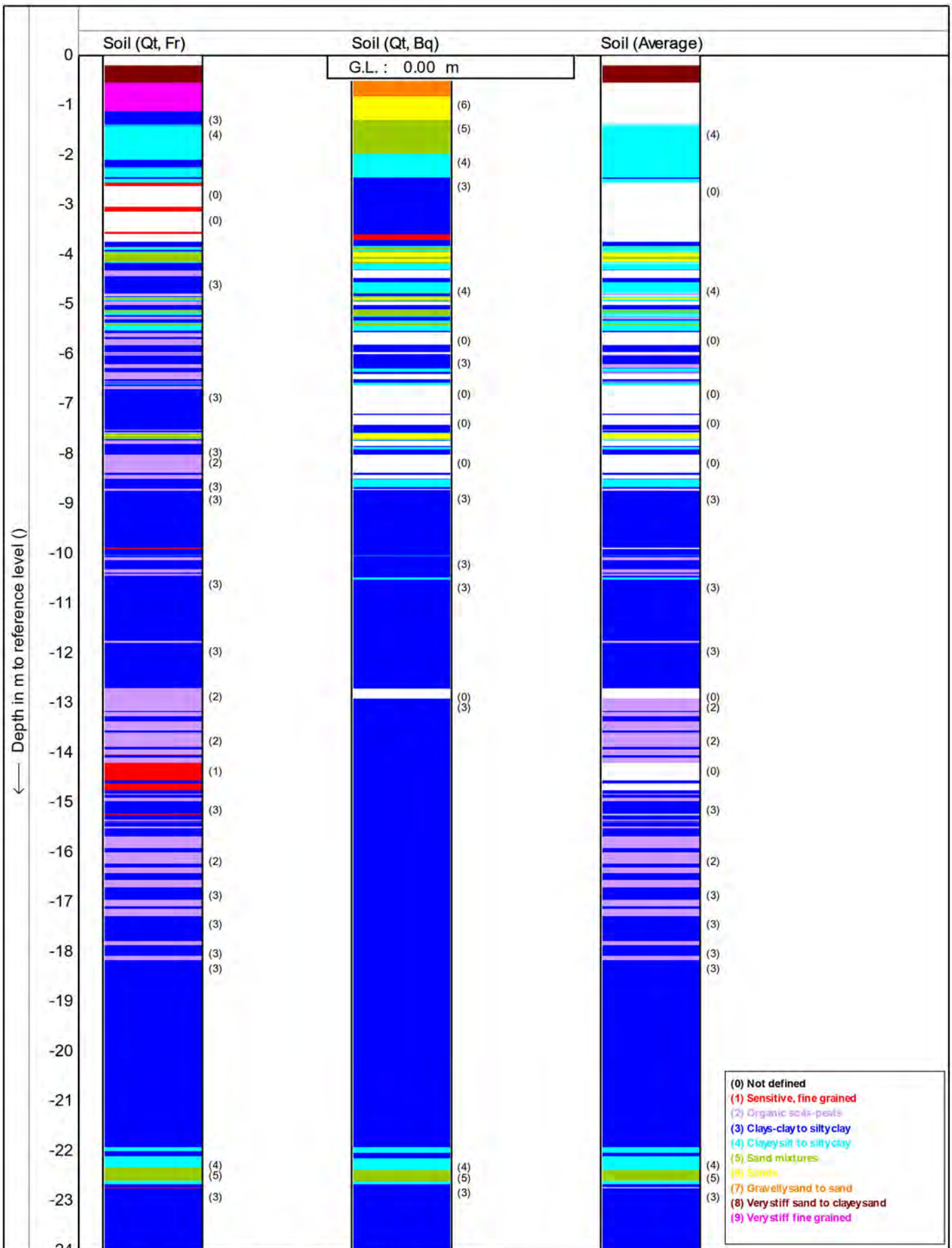




Test according NEN 5140 class 1

Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**  
 Cone no. : **S10CFIIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_13A** 26/30



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

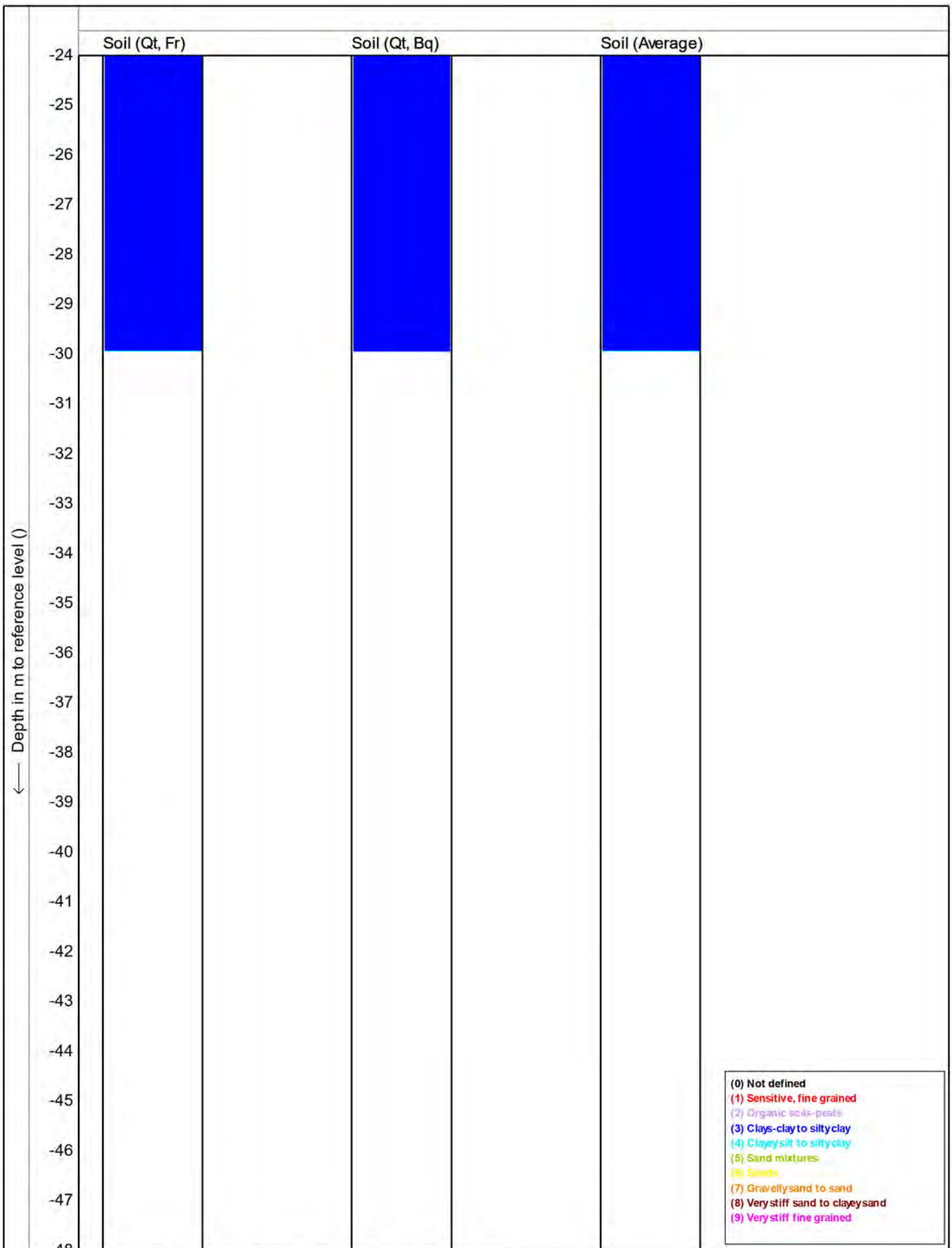
Position: 174.95888, -37.03867 WGS 84

Date : 19/04/2021

Cone no. : S10CFIP.S16082

Project no. : DF21GE034

CPT no. : CPT\_13A 27/30

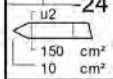
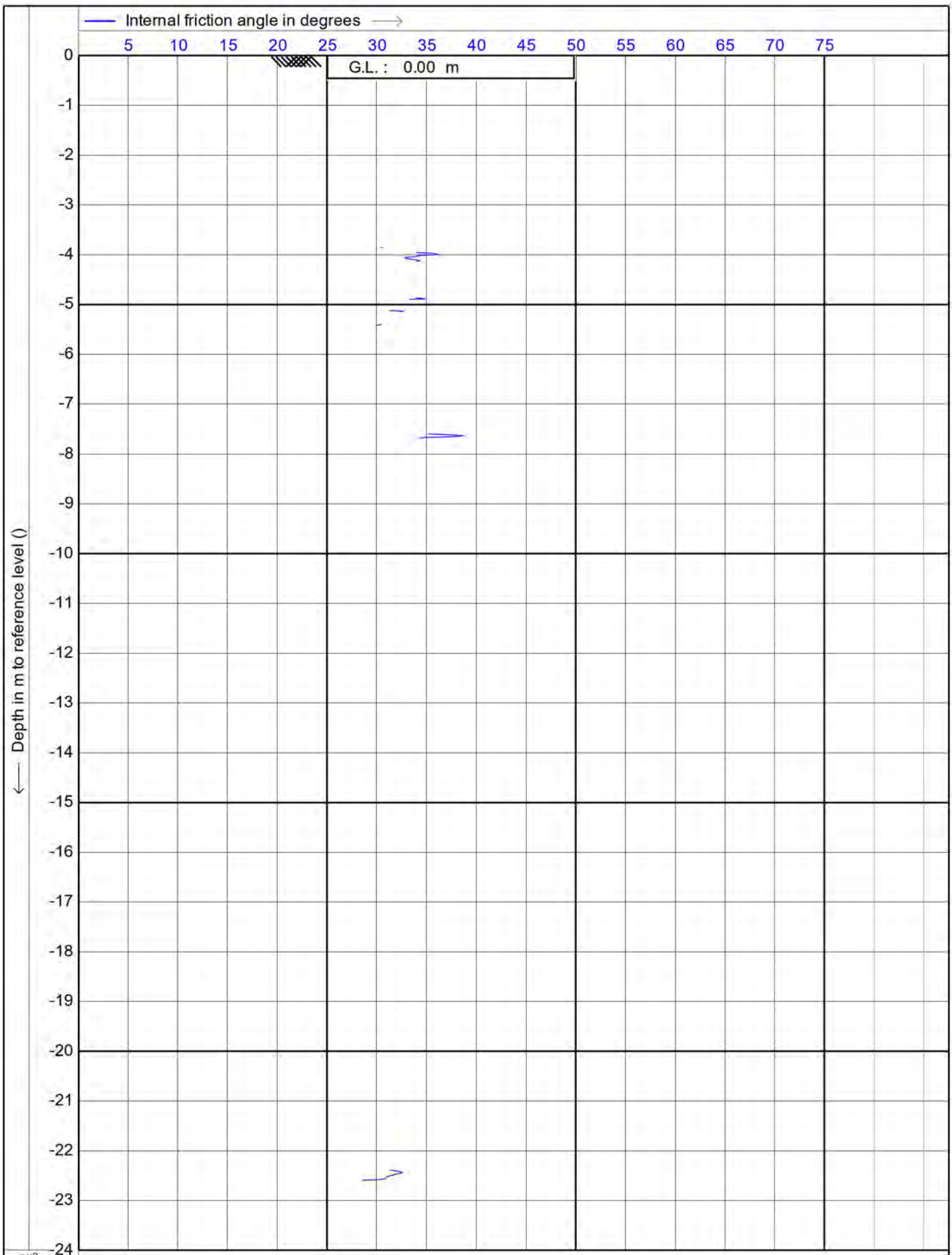


Soil behaviour type classification after Robertson 1990



Test according NEN 5140 class 1 Project : <b>Hamlin Rd</b> Location: <b>Hamlin Rd, Ardmore</b> Position: <b>174.95888, -37.03867 WGS 84</b>	Date : <b>19/04/2021</b>
	Cone no. : <b>S10CFIIP.S16082</b>
	Project no. : <b>DF21GE034</b>
	CPT no. : <b>CPT_13A</b> 28/30





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

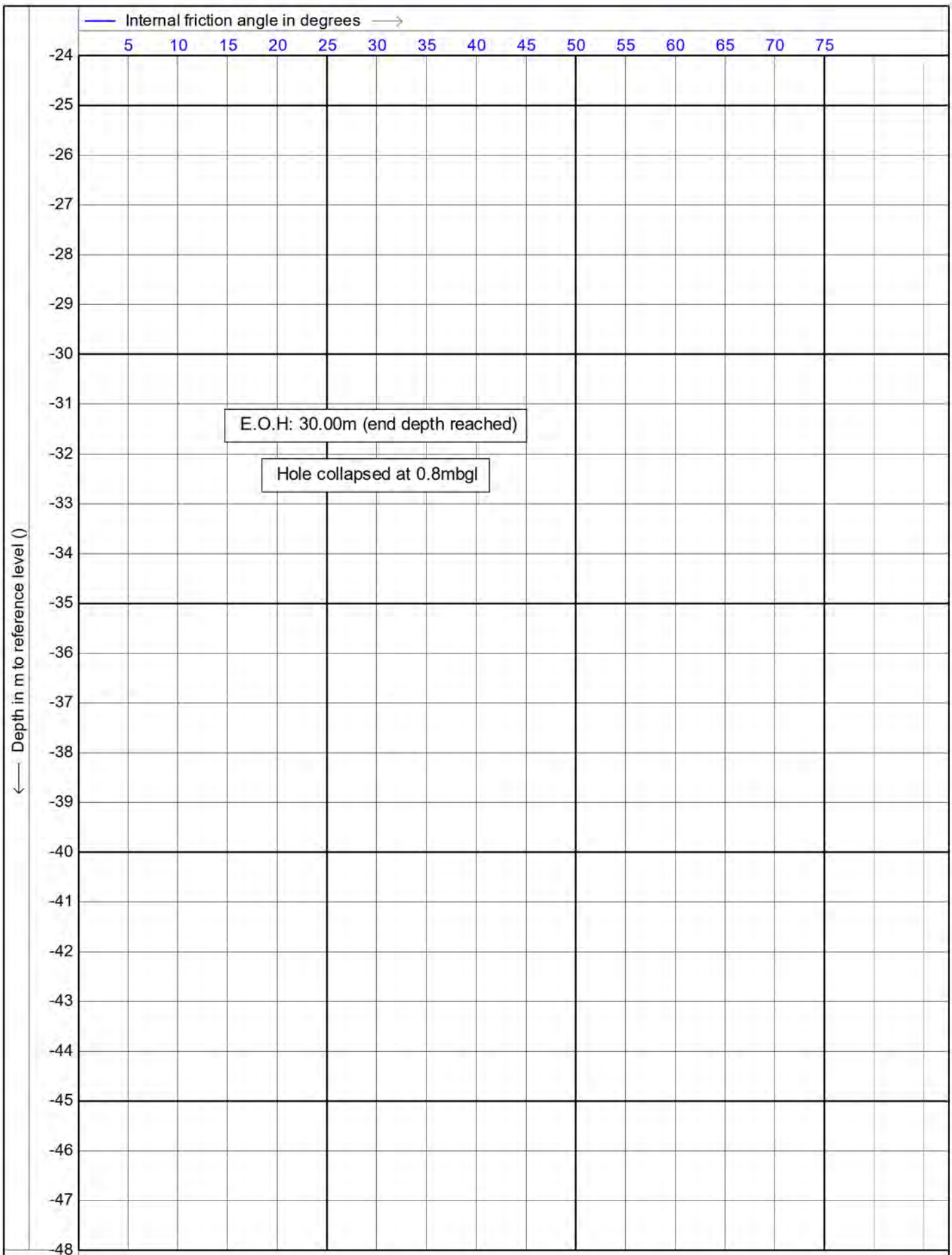
Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_13A** 29/30



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

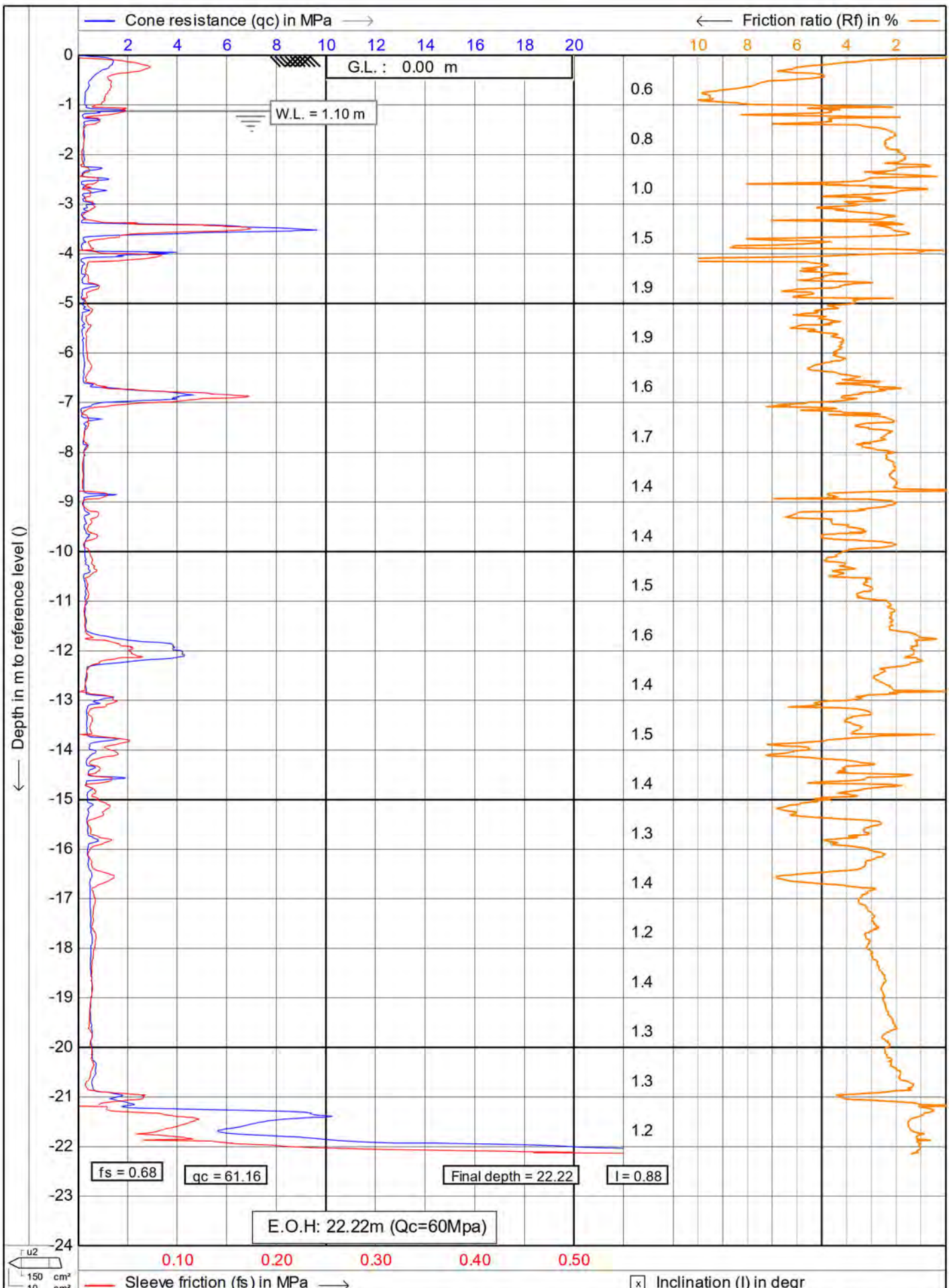
Position: **174.95888, -37.03867 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

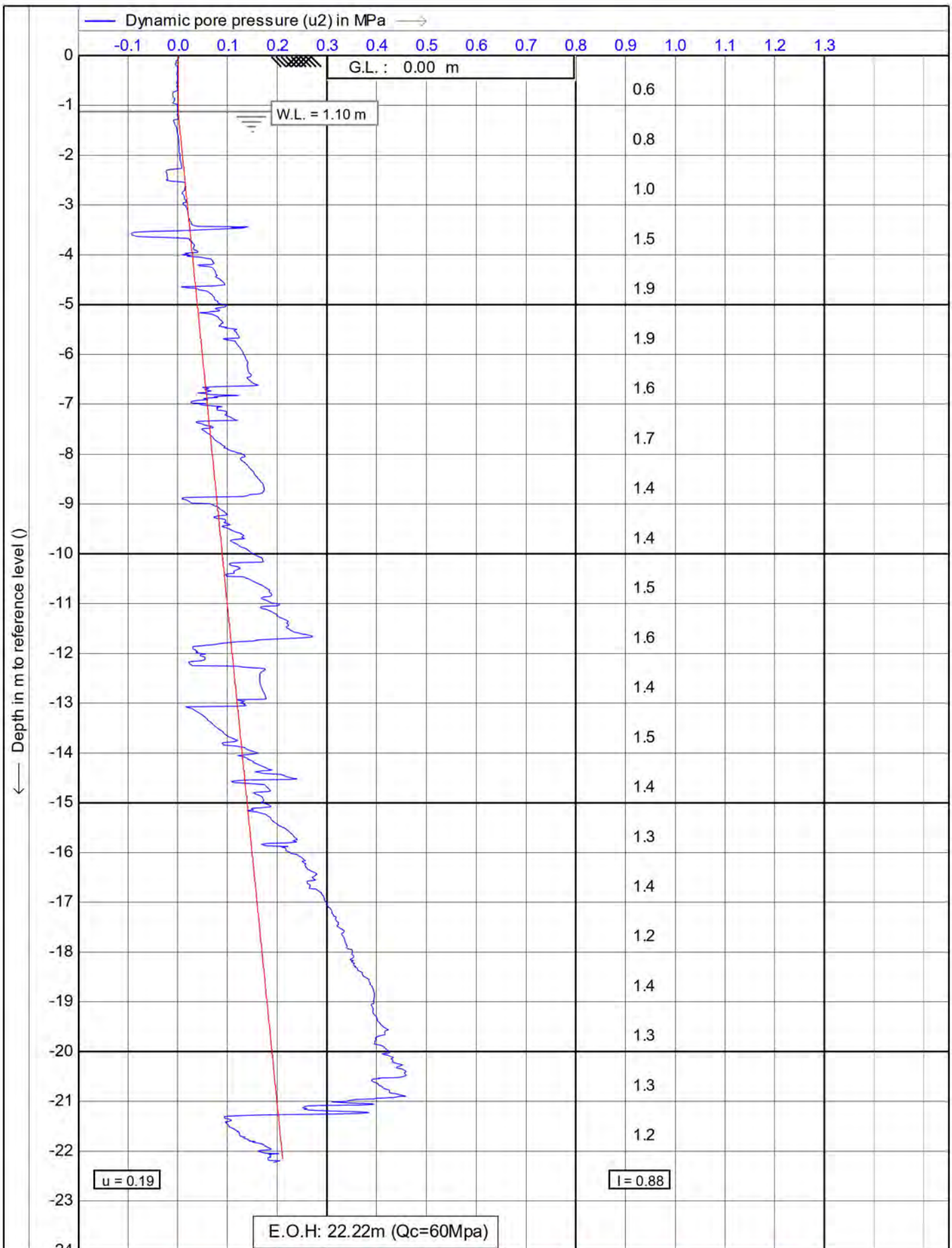
Project no. : **DF21GE034**

CPT no. : **CPT\_13A 30/30**



Test according NEN 5140 class 1		Date : 20/04/2021
Project : Hamlin Rd		Cone no. : S10CFIIP.S16082
Location: Hamlin Rd, Ardmore		Project no. : DF21GE034
Position: 174.95695, -37.04073 WGS 84		CPT no. : CPT_14 1/15





1.47

150 cm<sup>2</sup>  
10 cm<sup>2</sup>

0.00 0.20 0.40 0.60 0.80 1.00 1.20



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

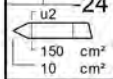
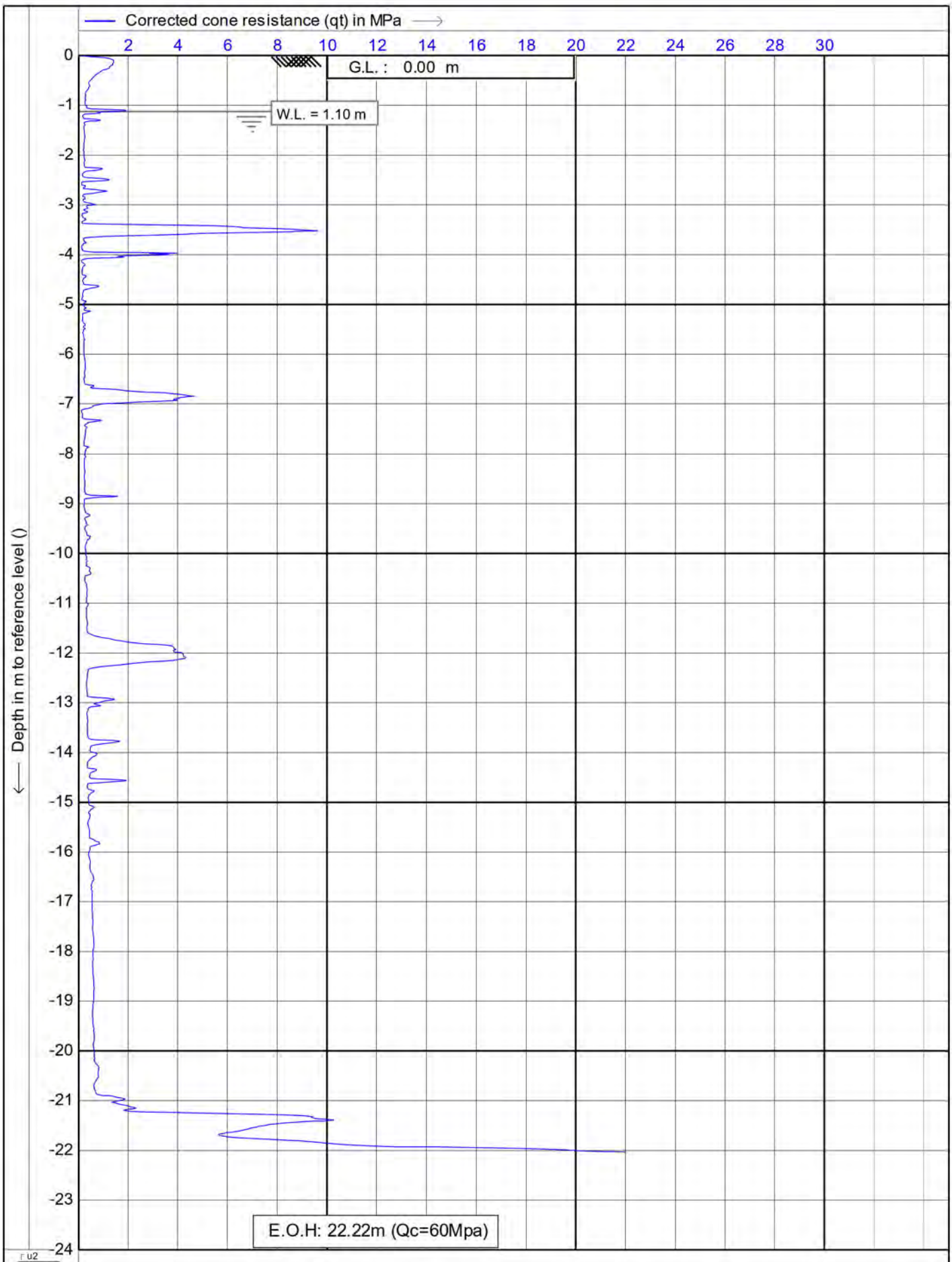
Position: 174.95695, -37.04073 WGS 84

Date : 20/04/2021

Cone no. : S10CFIP.S16082

Project no. : DF21GE034

CPT no. : CPT\_14 2/15



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

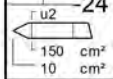
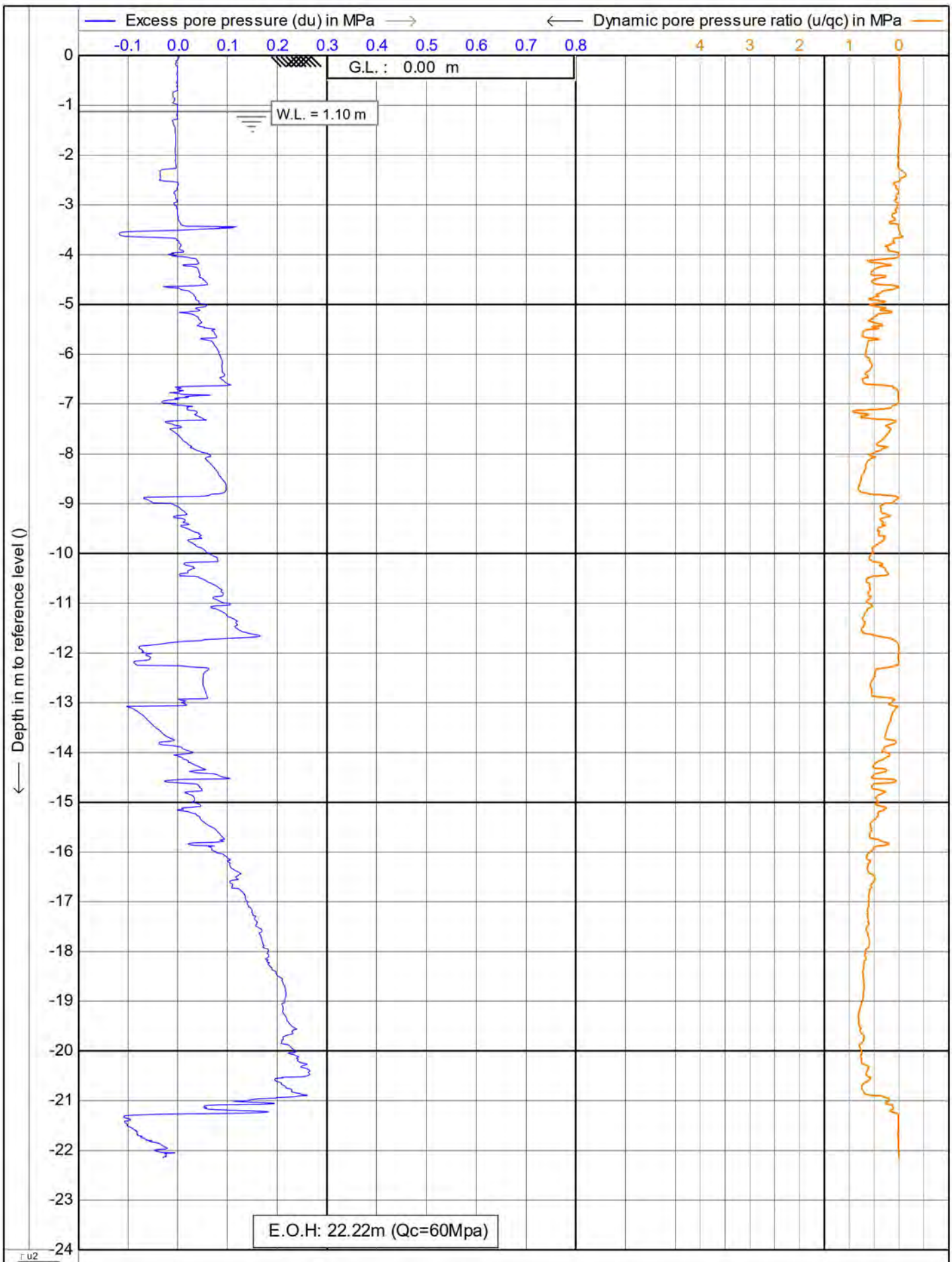
Position: **174.95695, -37.04073 WGS 84**

Date : **20/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

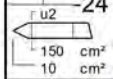
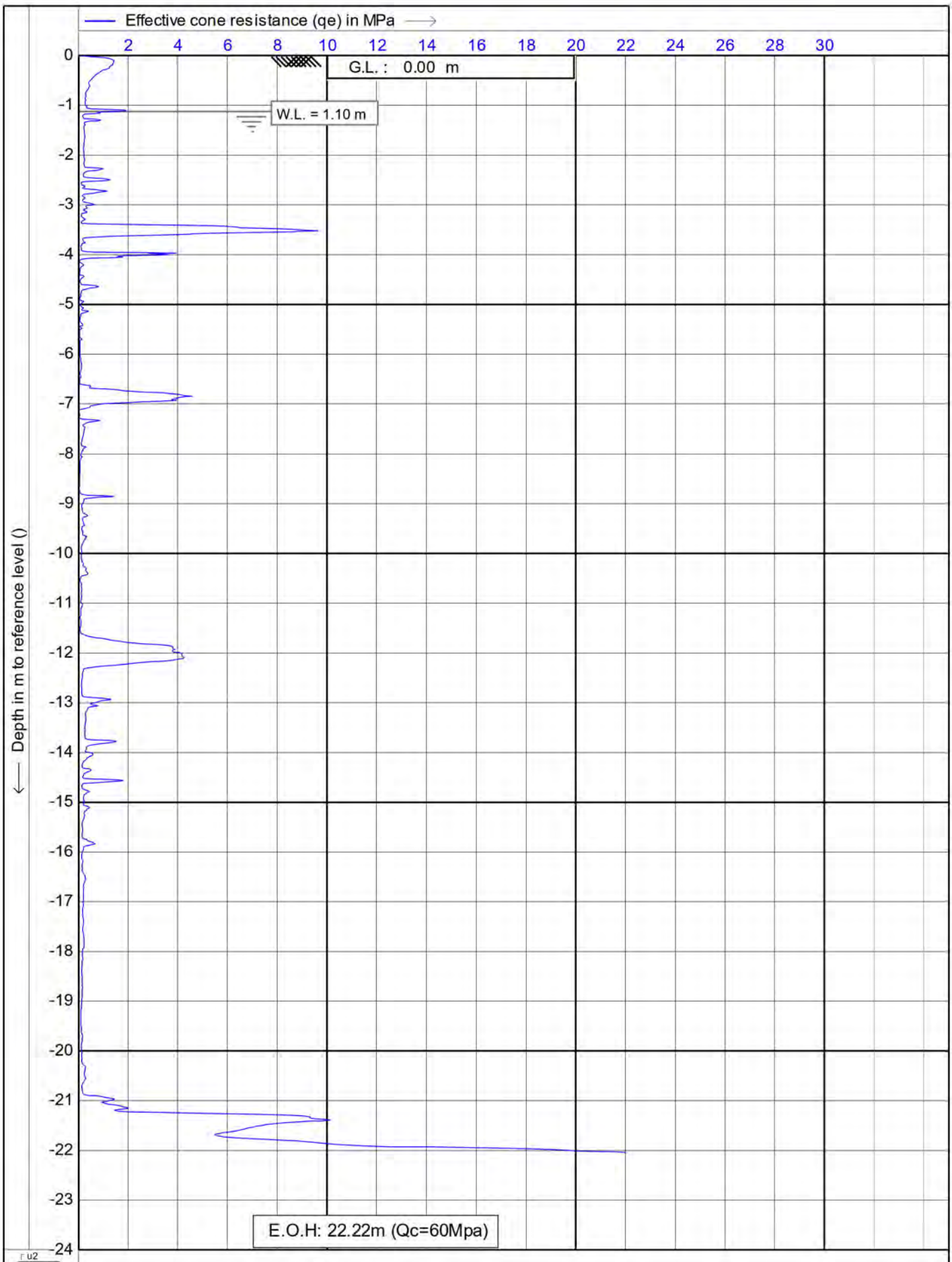
CPT no. : **CPT\_14** 3/15



Test according NEN 5140 class 1  
 Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.95695, -37.04073 WGS 84**

Date : **20/04/2021**  
 Cone no. : **S10CFIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_14 4/15**





Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

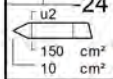
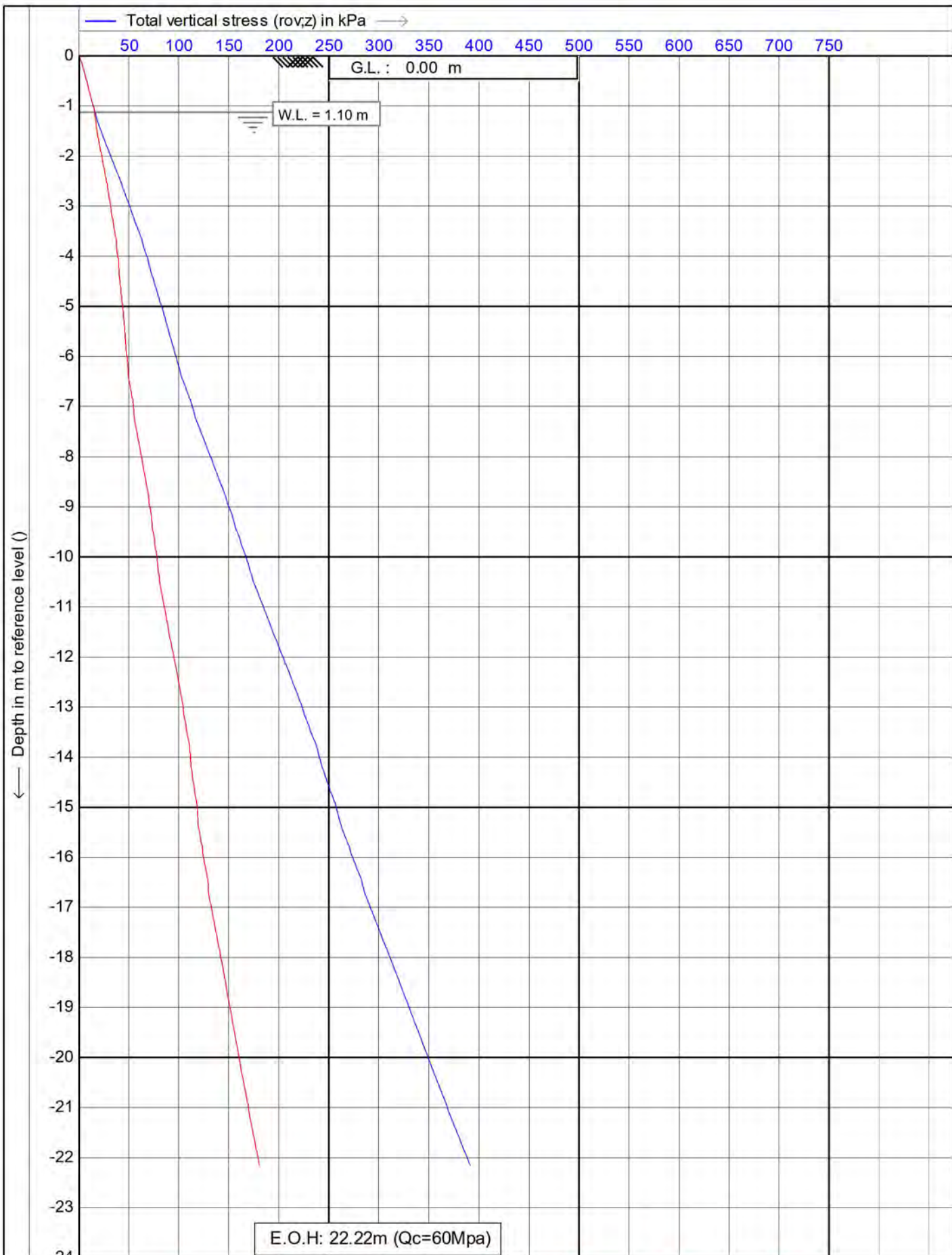
Position: 174.95695, -37.04073 WGS 84

Date : 20/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_14** 5/15



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

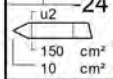
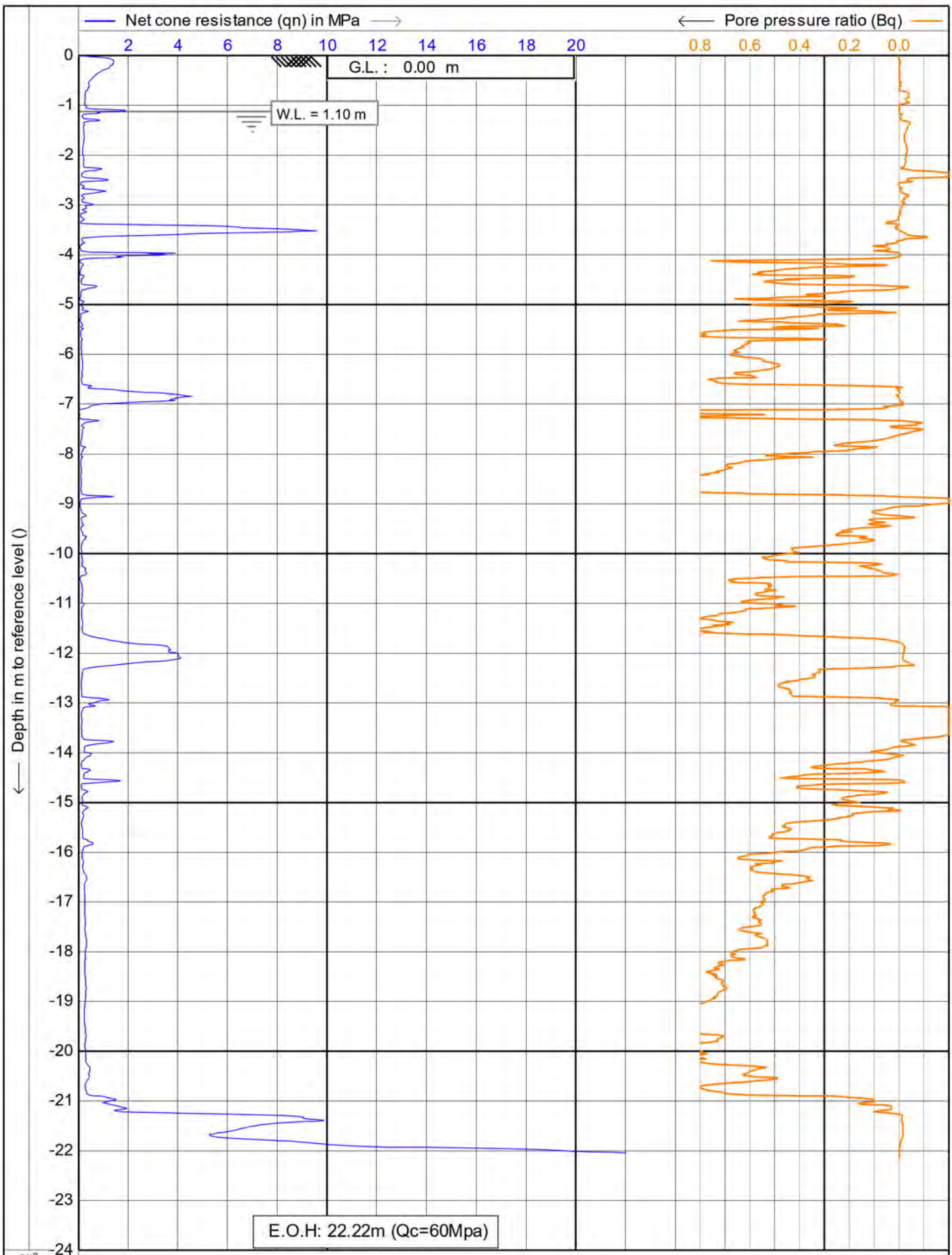
Position: 174.95695, -37.04073 WGS 84

Date : 20/04/2021

Cone no. : S10CFIP.S16082

Project no. : DF21GE034

CPT no. : CPT\_14 6/15



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95695, -37.04073 WGS 84

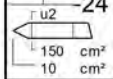
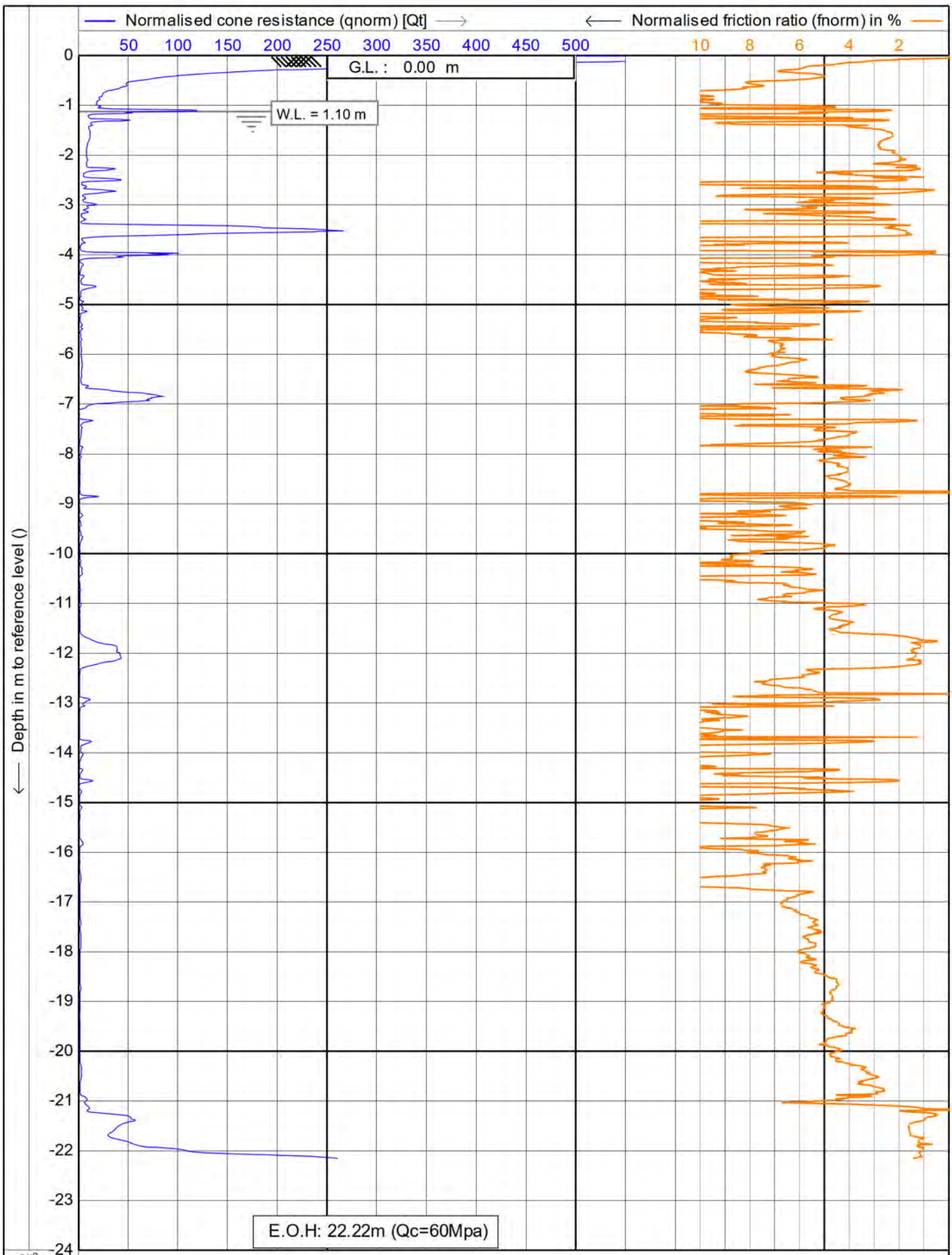
Date : 20/04/2021

Cone no. : S10CFIP.S16082

Project no. : DF21GE034

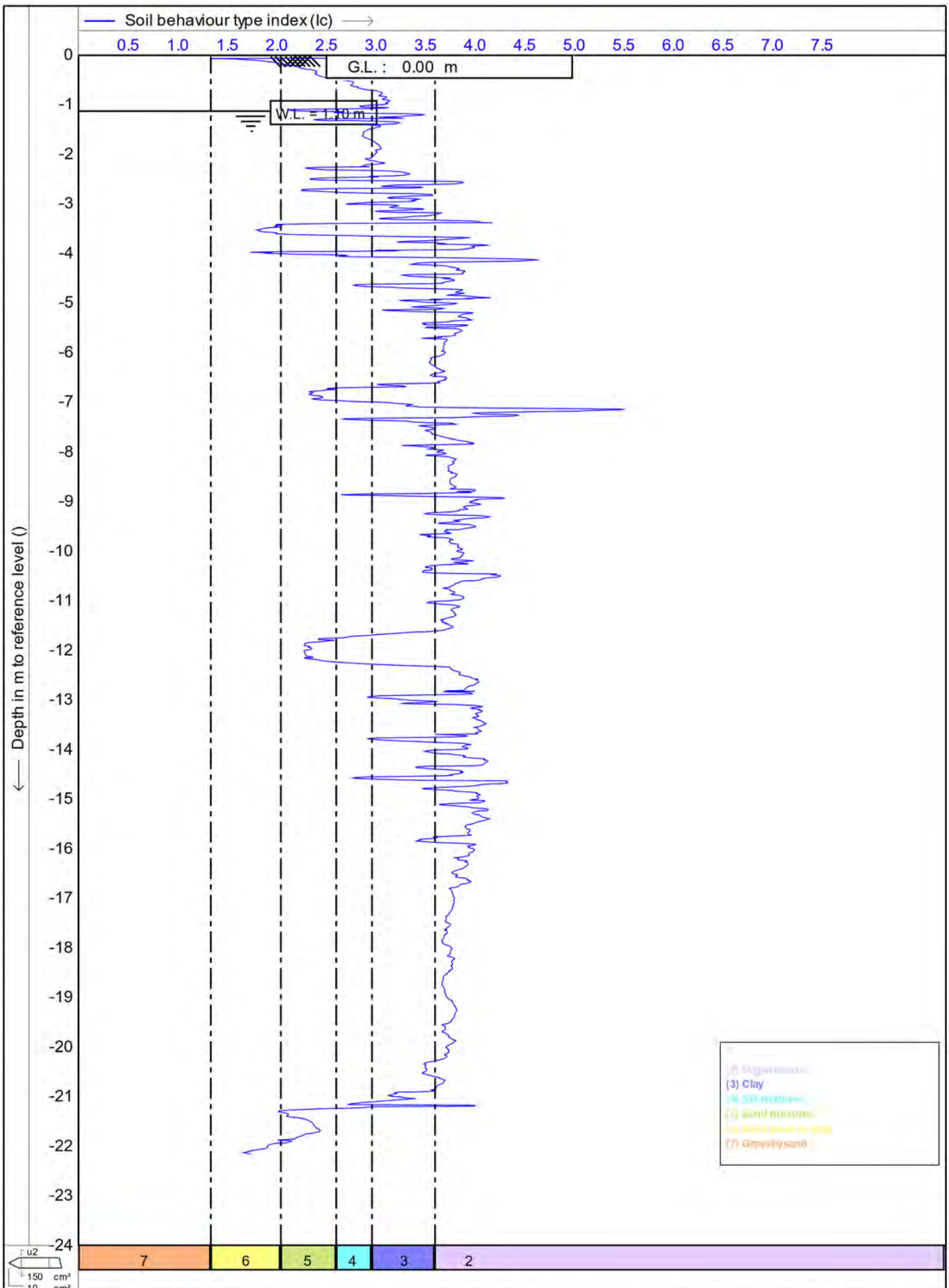
CPT no. : CPT\_14 7/15





Test according NEN 5140 class 1  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95695, -37.04073 WGS 84

Date : 20/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_14 8/15



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

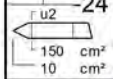
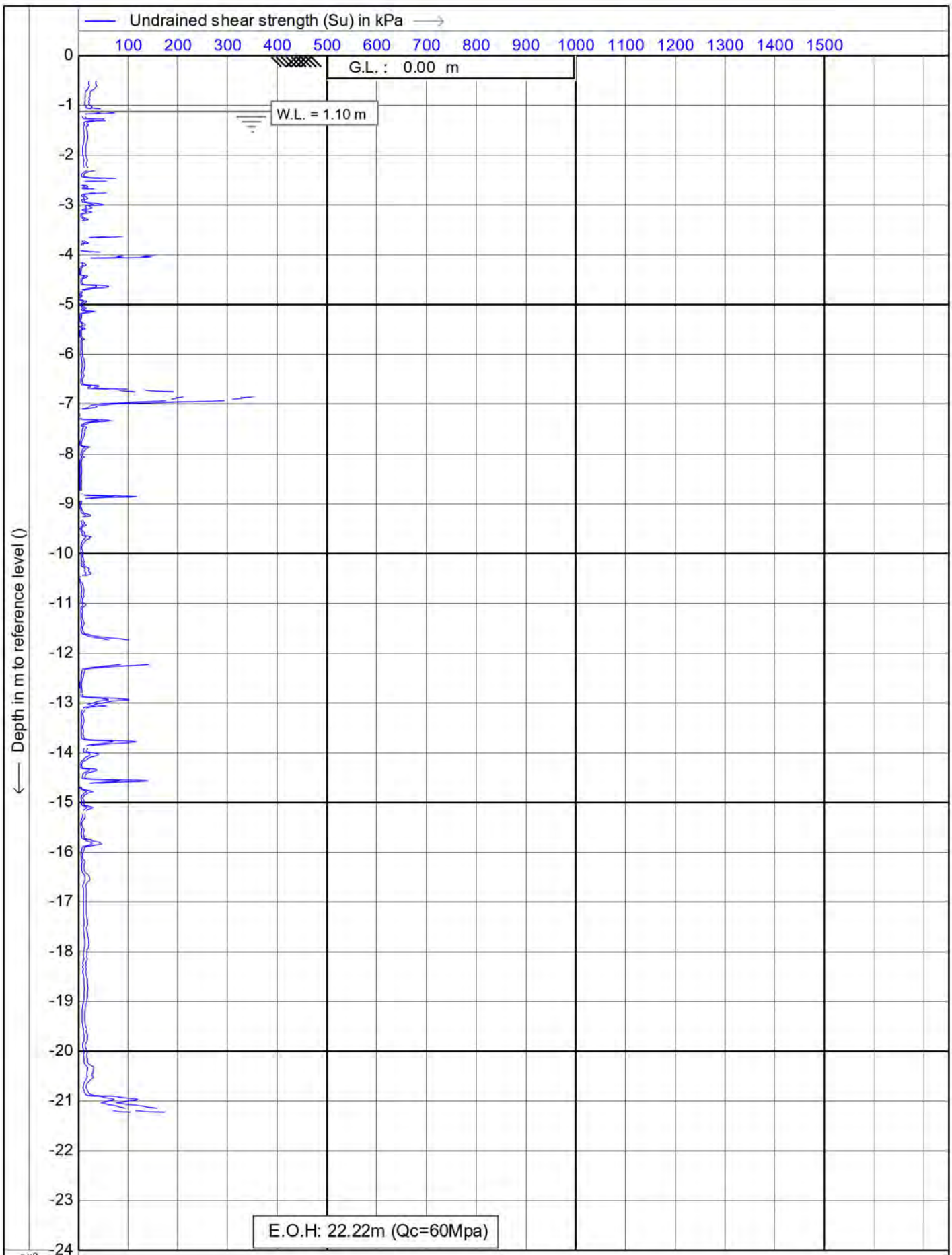
Position: **174.95695, -37.04073 WGS 84**

Date : **20/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_14** 9/15



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95695, -37.04073 WGS 84

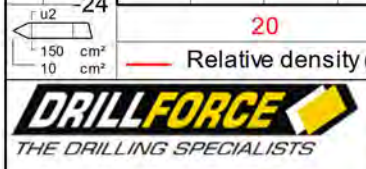
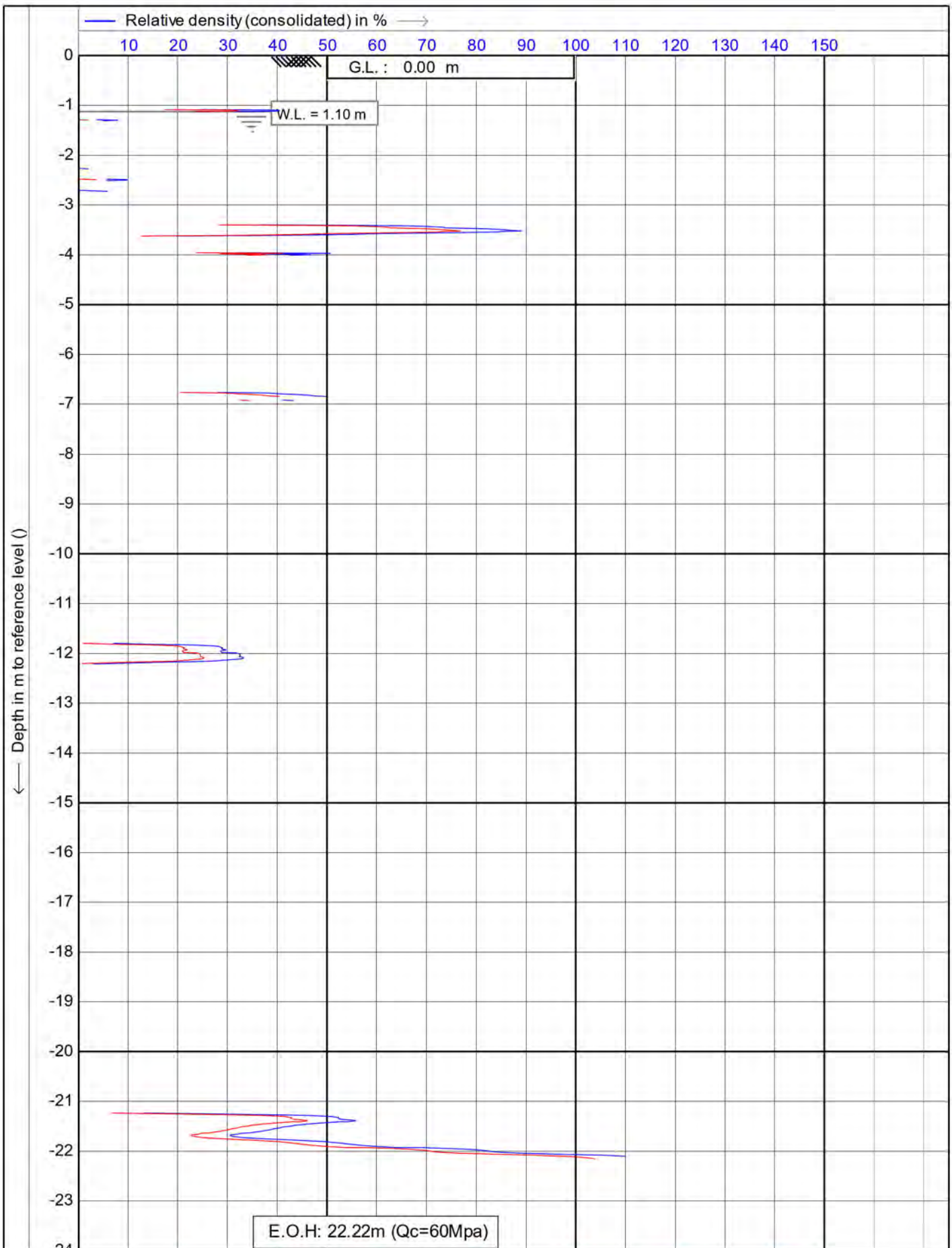
Date : 20/04/2021

Cone no. : S10CFIIP.S16082

Project no. : DF21GE034

CPT no. : CPT\_14 10/15





Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

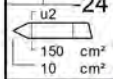
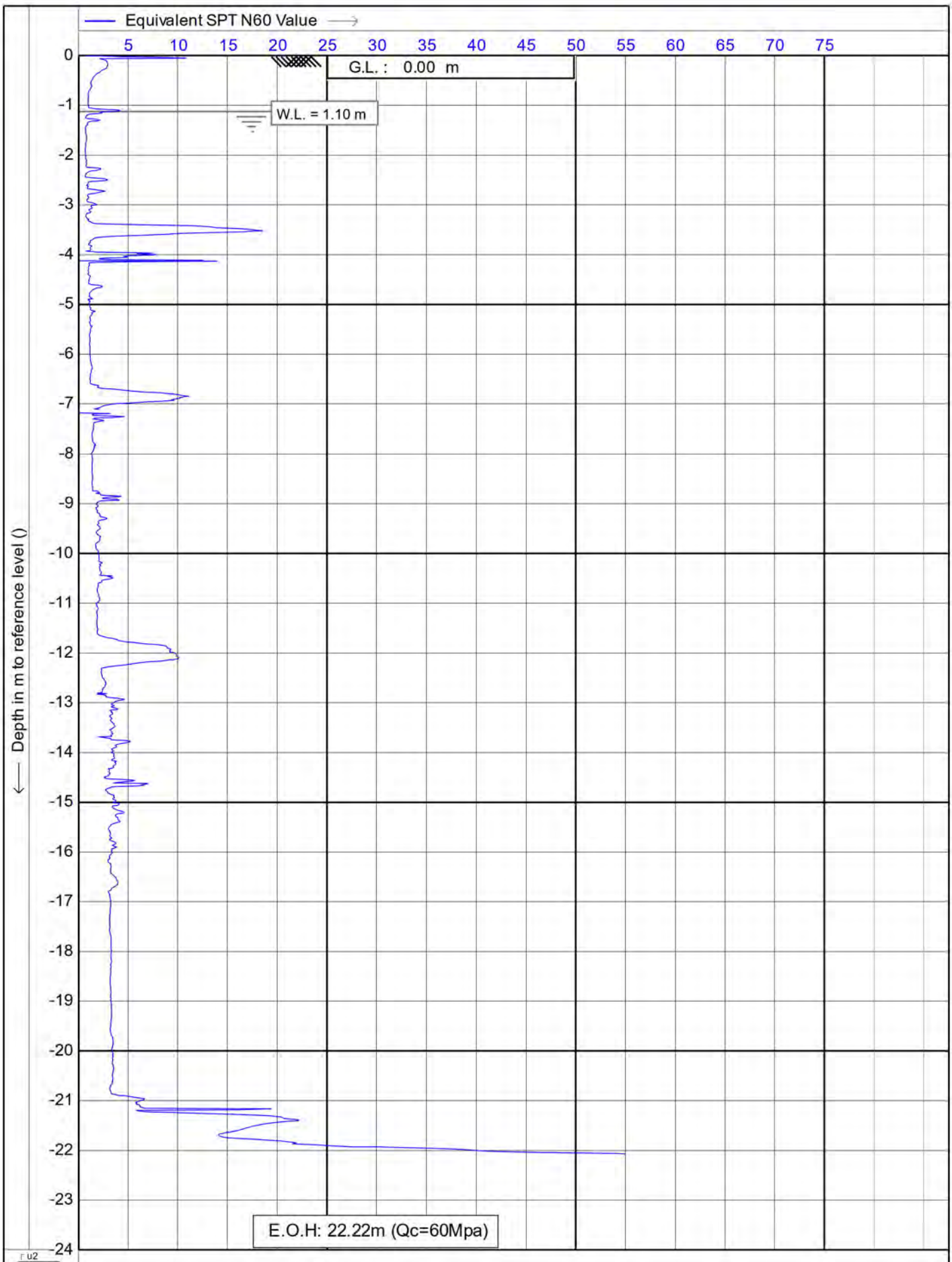
Position: 174.95695, -37.04073 WGS 84

Date : 20/04/2021

Cone no. : S10CFIP.S16082

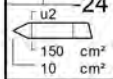
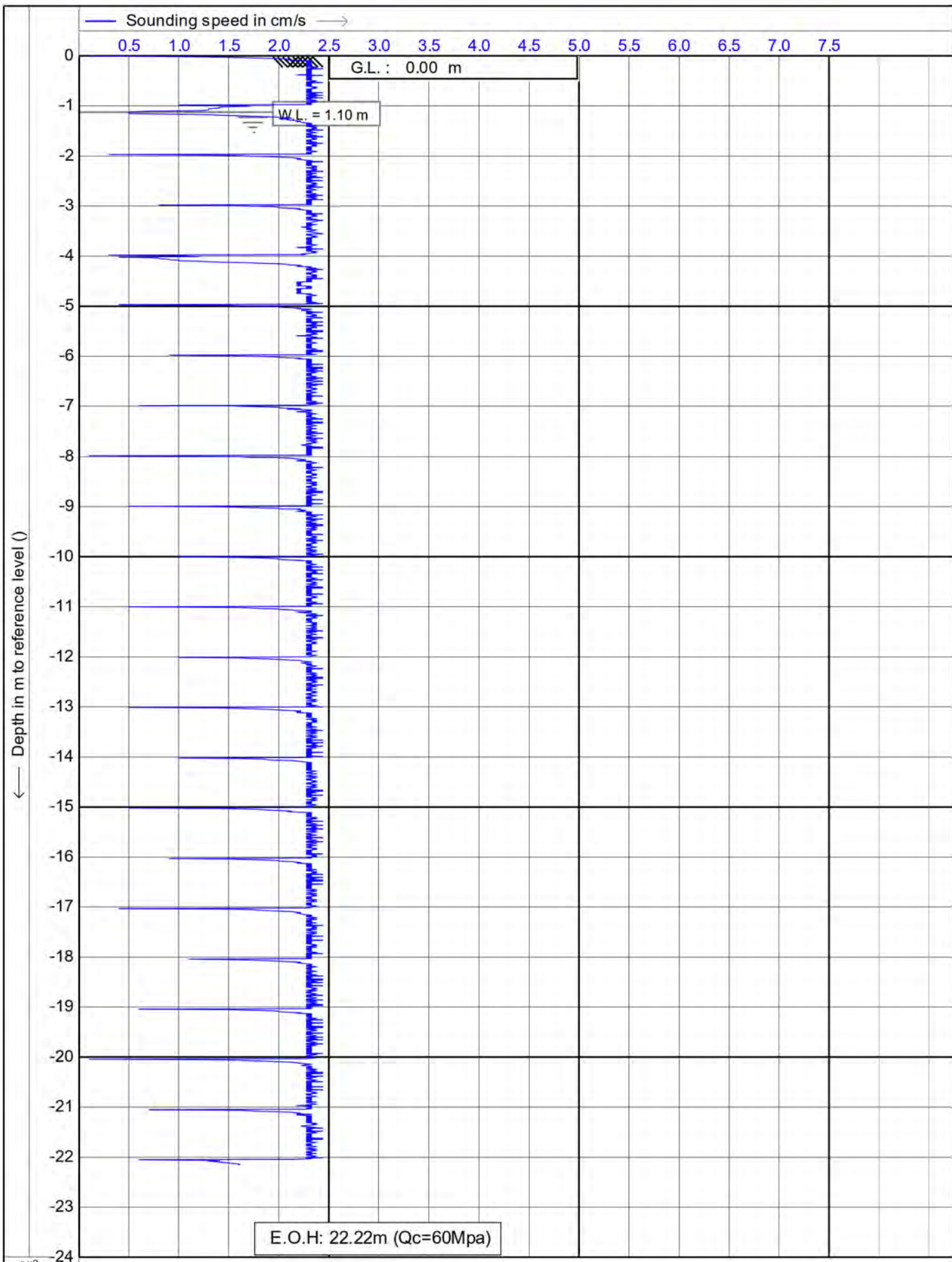
Project no. : DF21GE034

CPT no. : CPT\_14 11/15



Test according NEN 5140 class 1  
 Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.95695, -37.04073 WGS 84**

Date : **20/04/2021**  
 Cone no. : **S10CFIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_14** 12/15



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.95695, -37.04073 WGS 84**

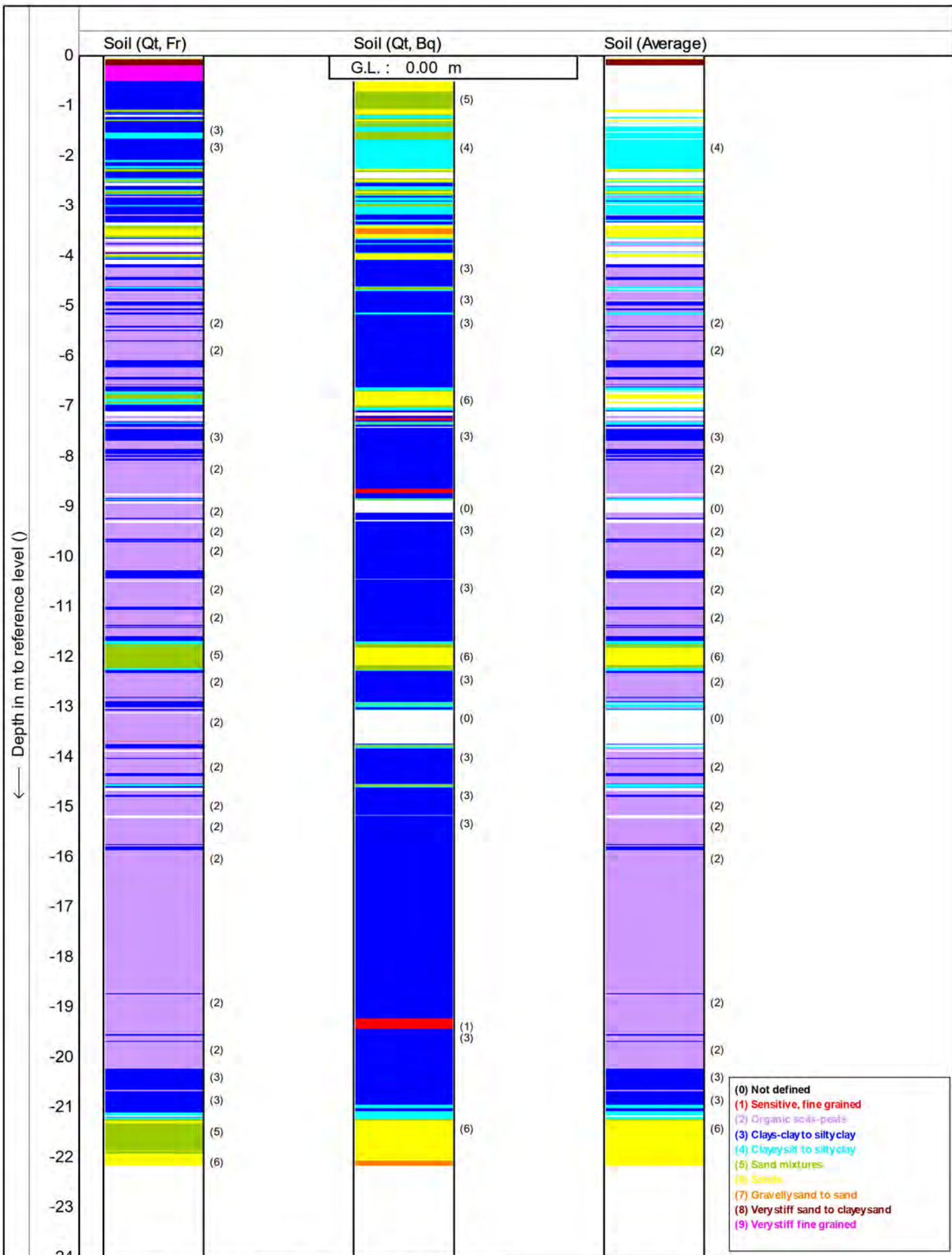
Date : **20/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_14** 13/15



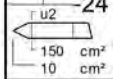
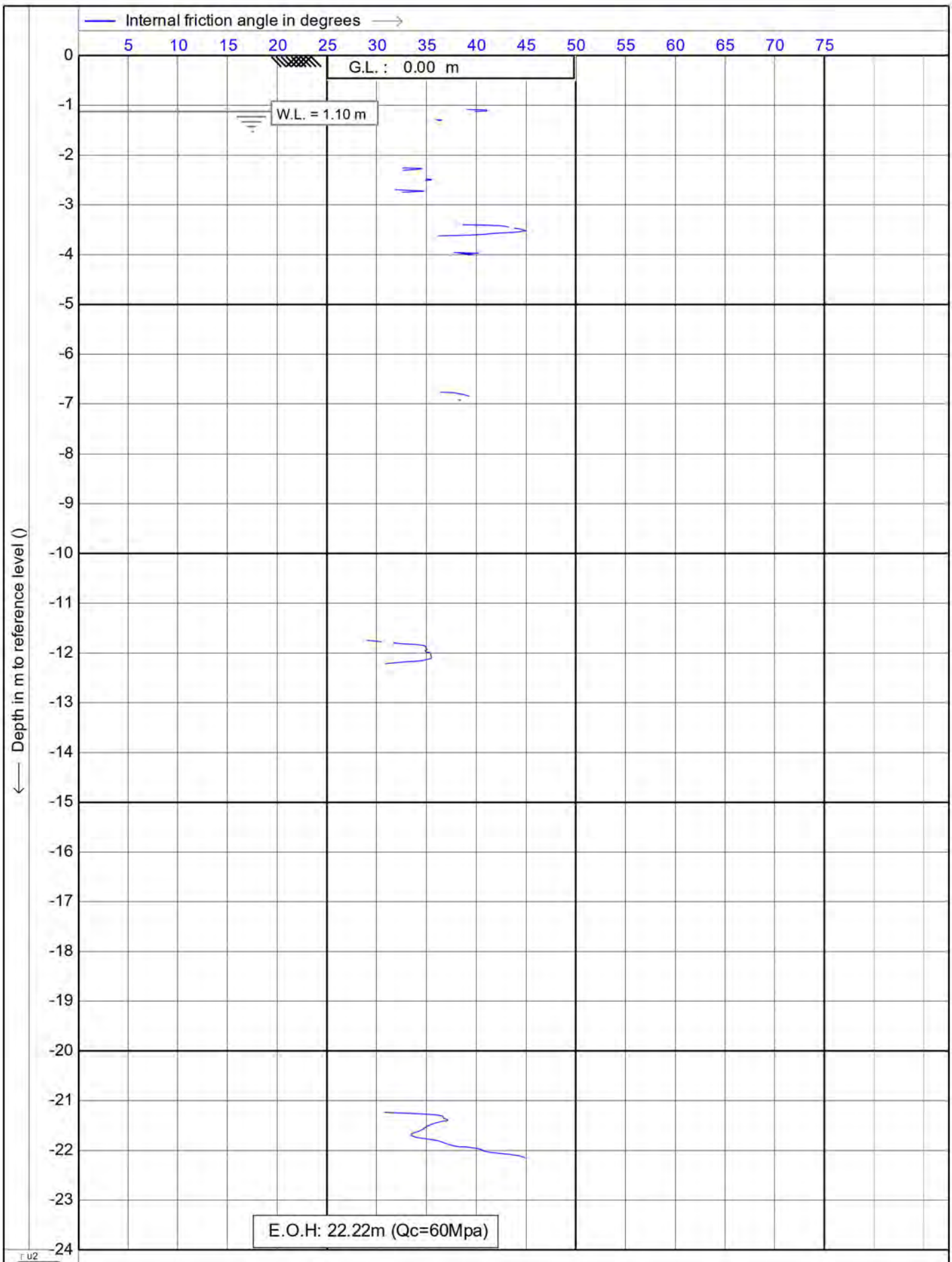


Soil behaviour type classification after Robertson 1990



Test according NEN 5140 class 1  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95695, -37.04073 WGS 84

Date : 20/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_14 14/15



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

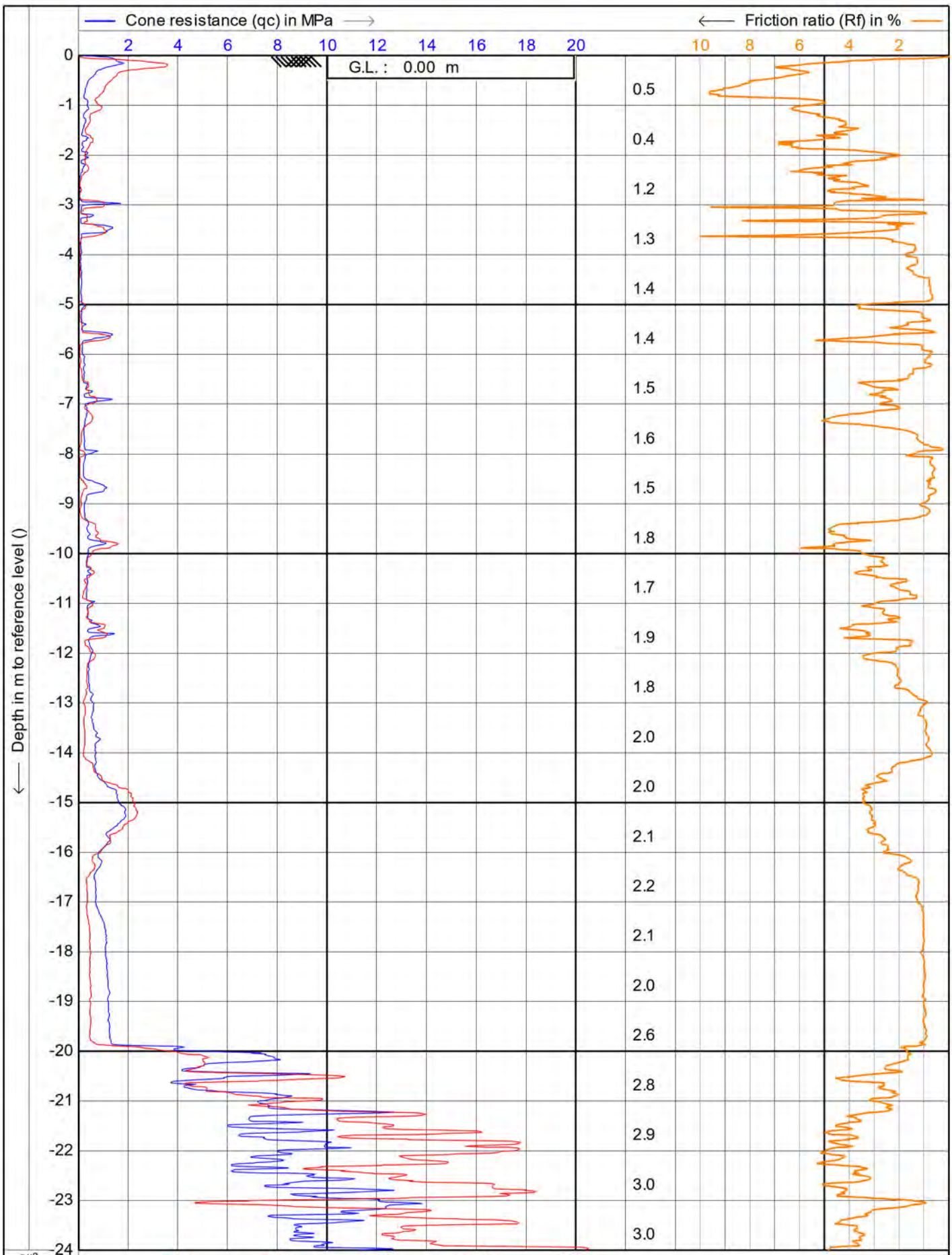
Position: 174.95695, -37.04073 WGS 84

Date : 20/04/2021

Cone no. : S10CFIIP.S16082

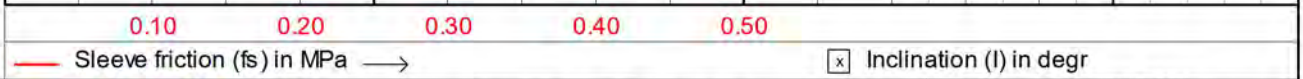
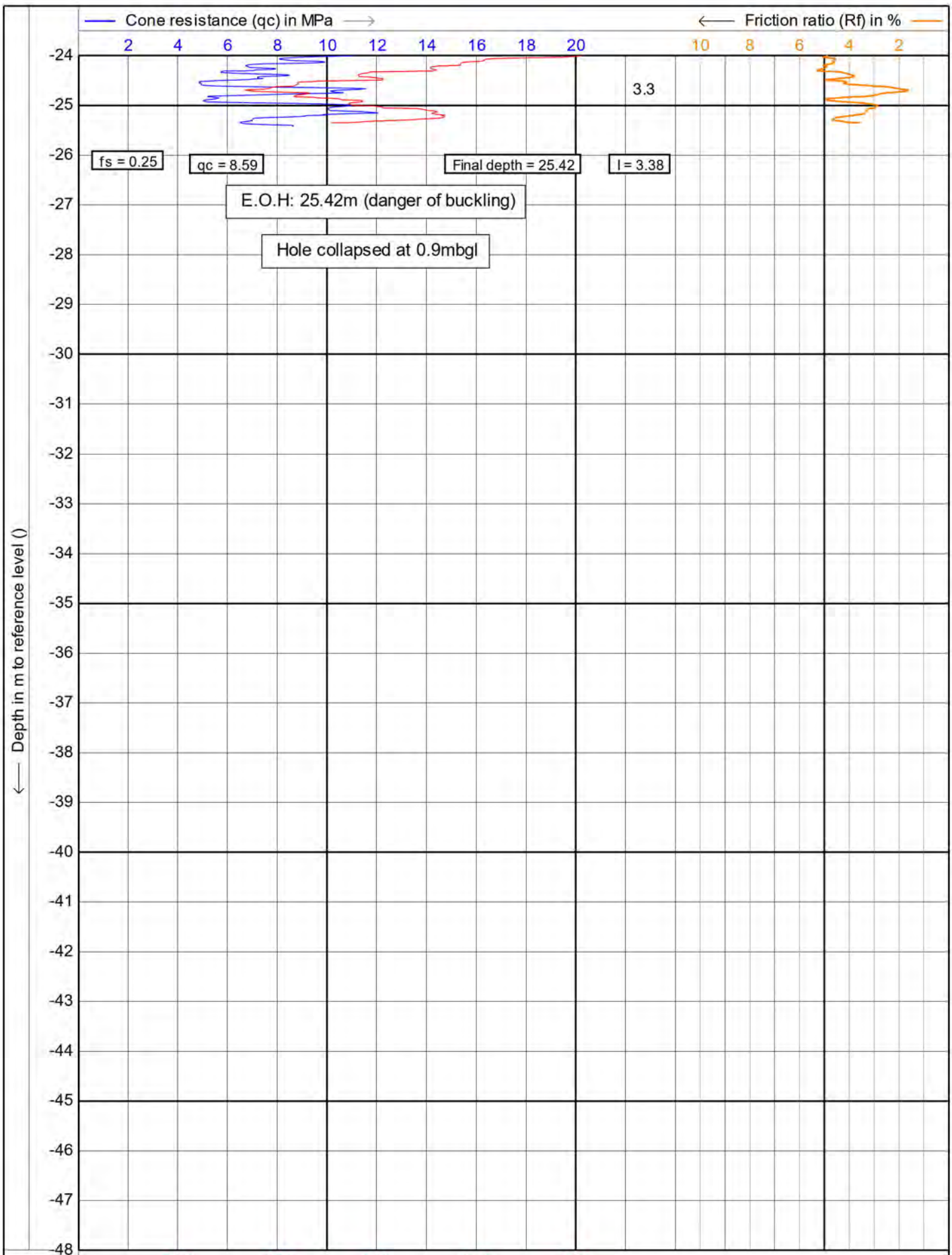
Project no. : DF21GE034

CPT no. : CPT\_14 15/15



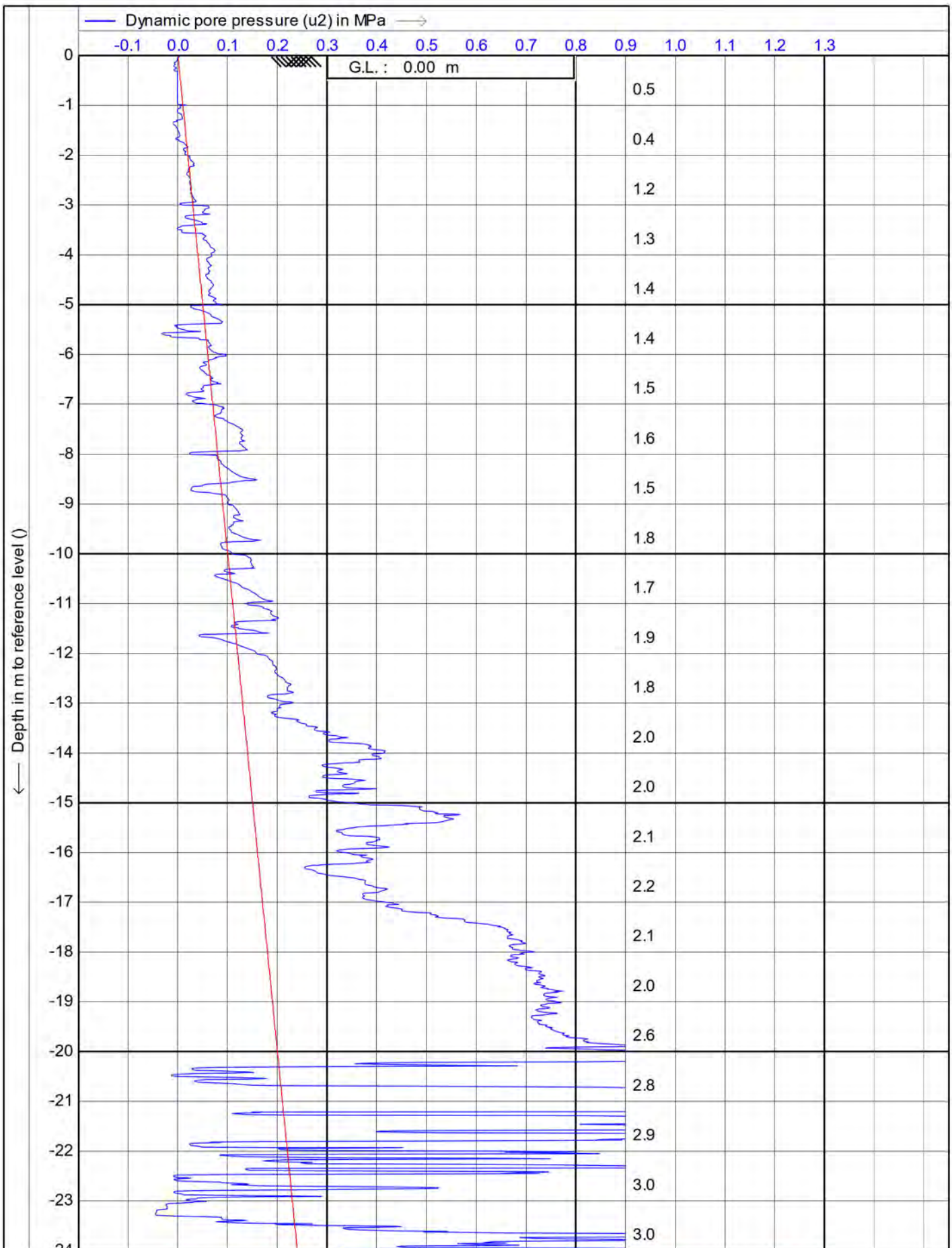
Test according NEN 5140 class 1		Date : 19/04/2021
Project : Hamlin Rd		Cone no. : S10CFIP.S16082
Location: Hamlin Rd, Ardmore		Project no. : DF21GE034
Position: 174.95395, -37.04163 WGS 84		CPT no. : CPT_15 1/30





Test according NEN 5140 class 1  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95395, -37.04163 WGS 84

Date : 19/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_15 2/30

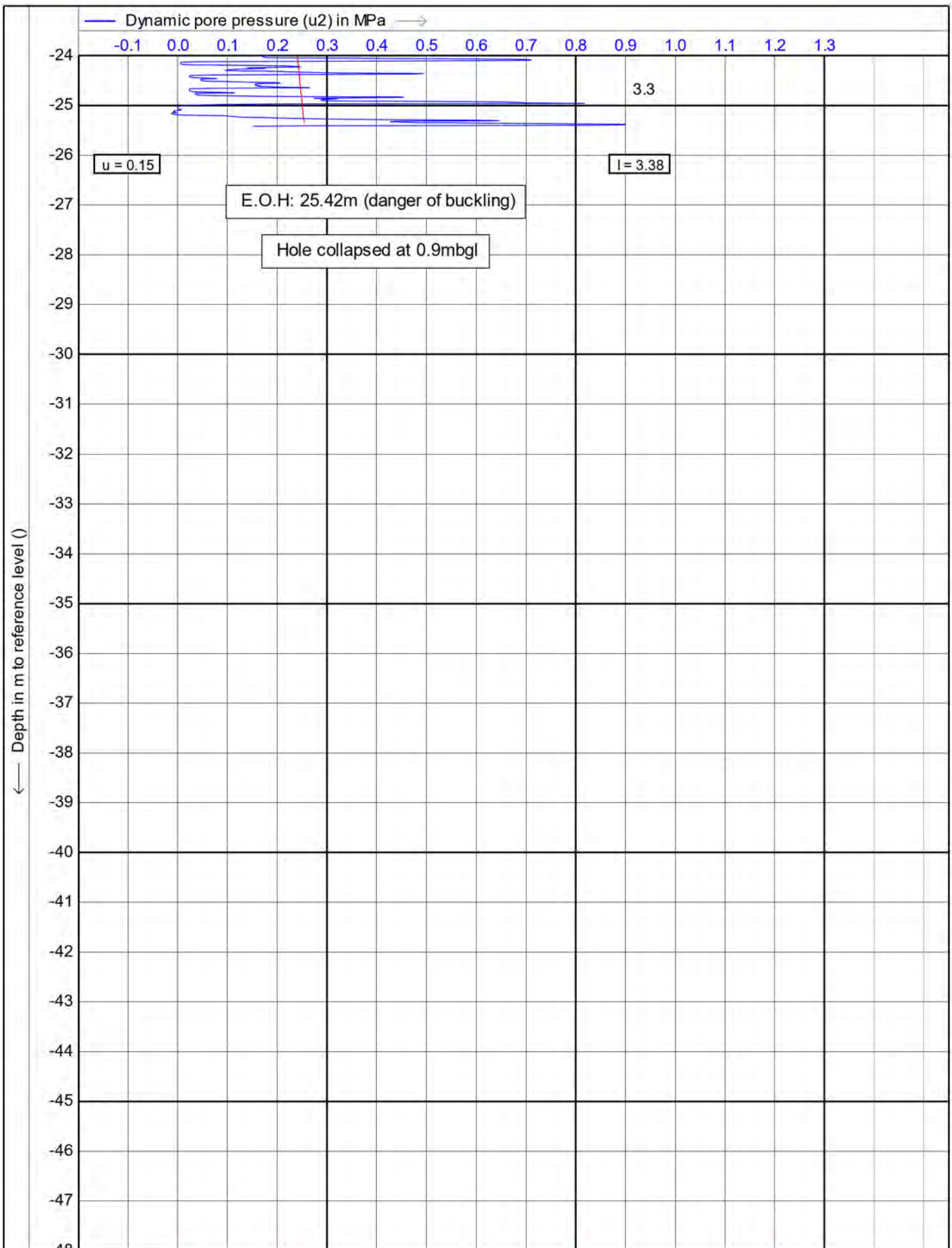


150 cm<sup>2</sup> 10 cm<sup>2</sup>
— Equilibrium pore pressure (u0) in MPa →
 Inclination (I) in degr



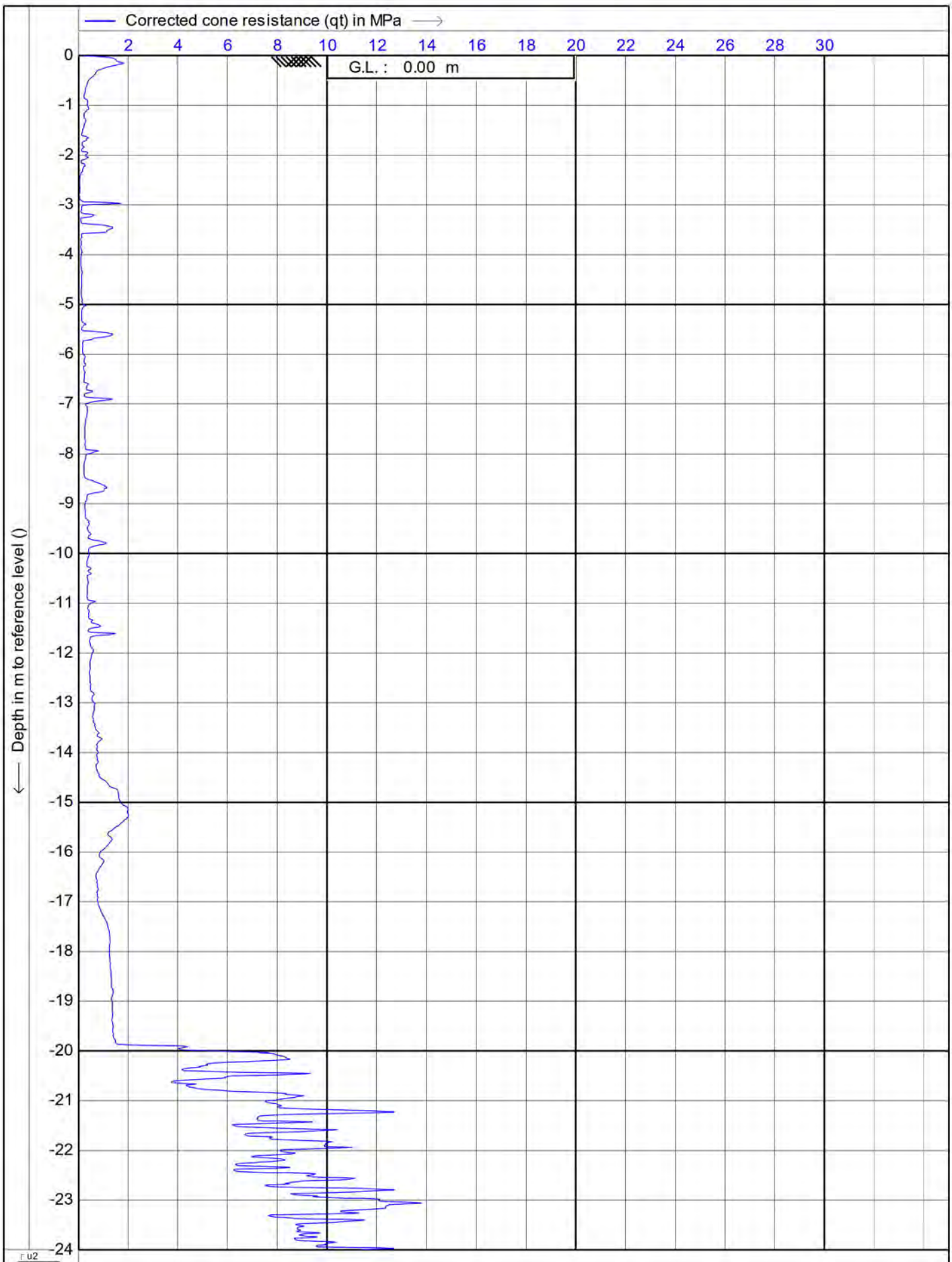
Test according NEN 5140 class 1  
 Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.95395, -37.04163 WGS 84**

Date : **19/04/2021**  
 Cone no. : **S10CFIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_15** 3/30



	Test according NEN 5140 class 1		Date : 19/04/2021
	Project : Hamlin Rd		Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore		Project no. : <b>DF21GE034</b>
	Position: 174.95395, -37.04163 WGS 84		CPT no. : <b>CPT_15</b> 4/30





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

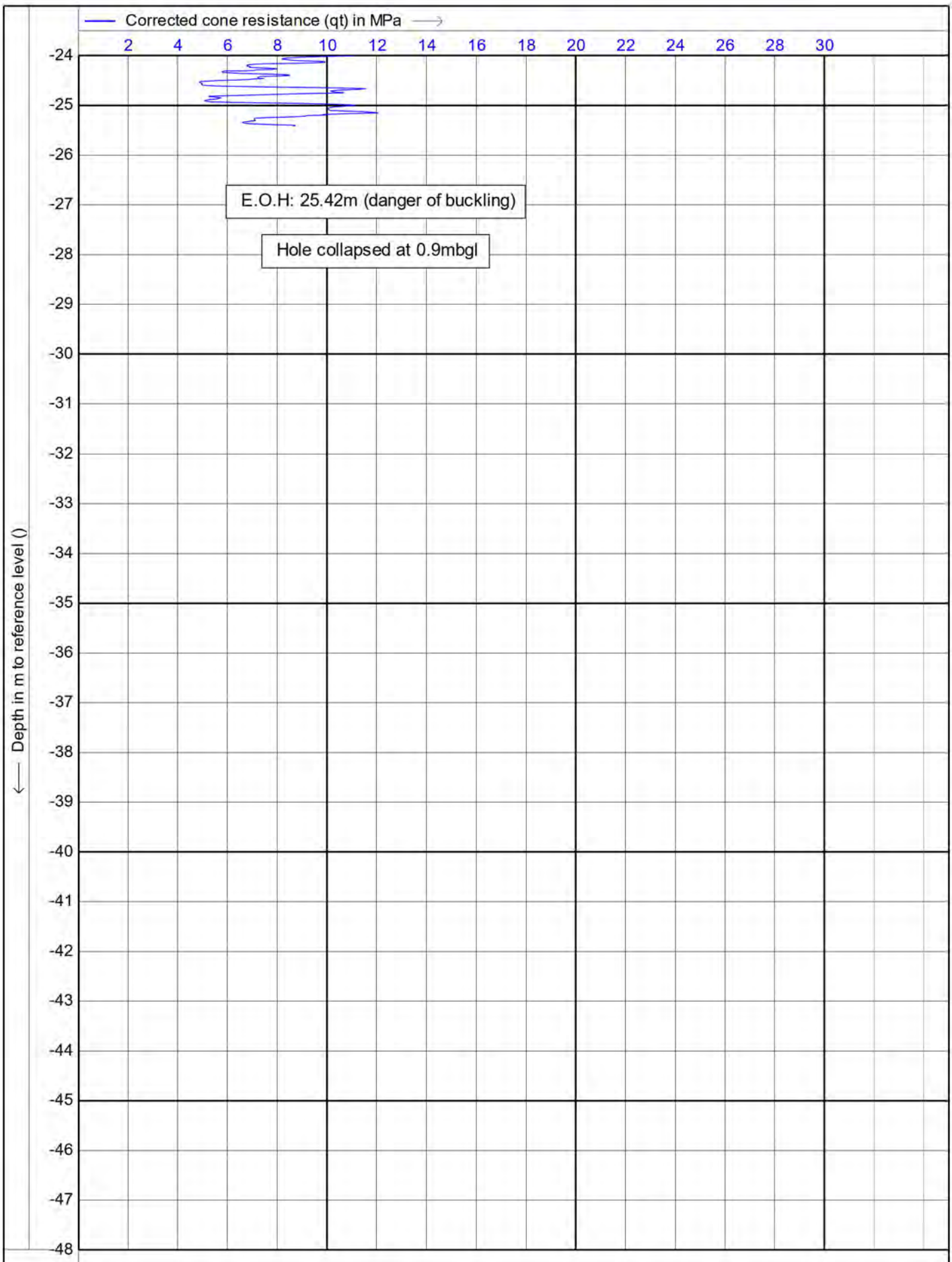
Position: **174.95395, -37.04163 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_15** 5/30



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

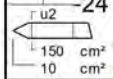
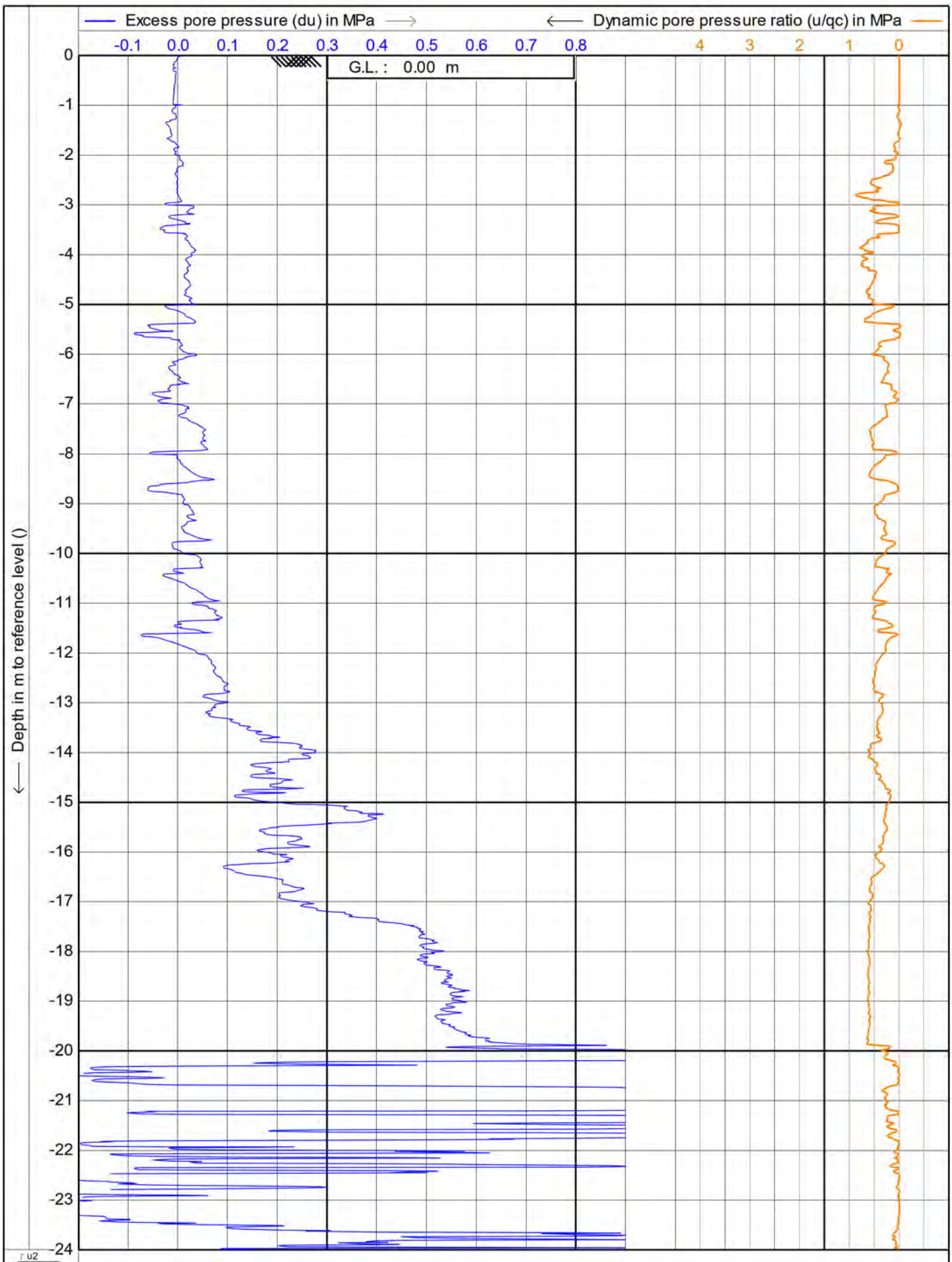
Position: **174.95395, -37.04163 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

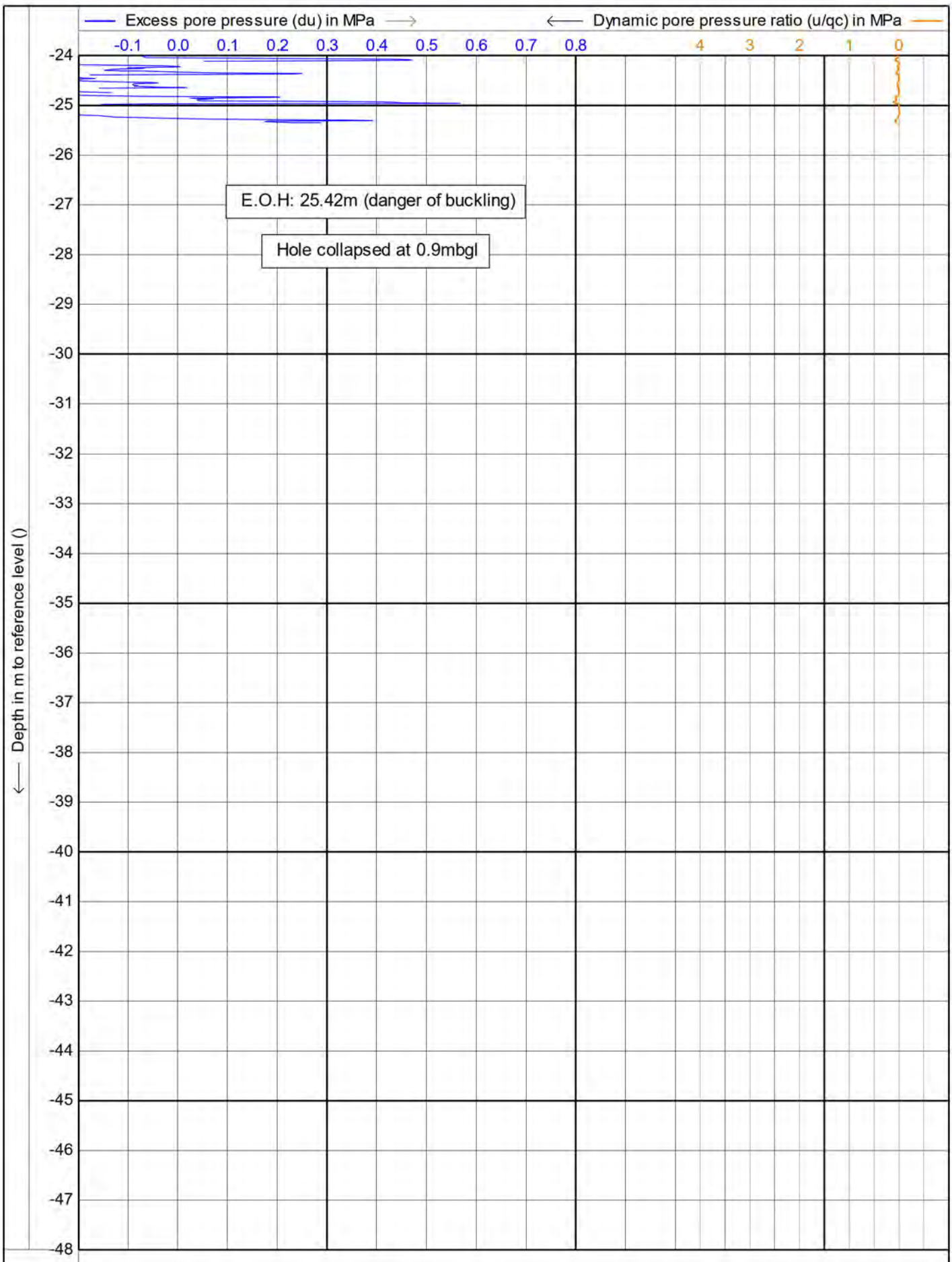
CPT no. : **CPT\_15** 6/30



Test according NEN 5140 class 1  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95395, -37.04163 WGS 84

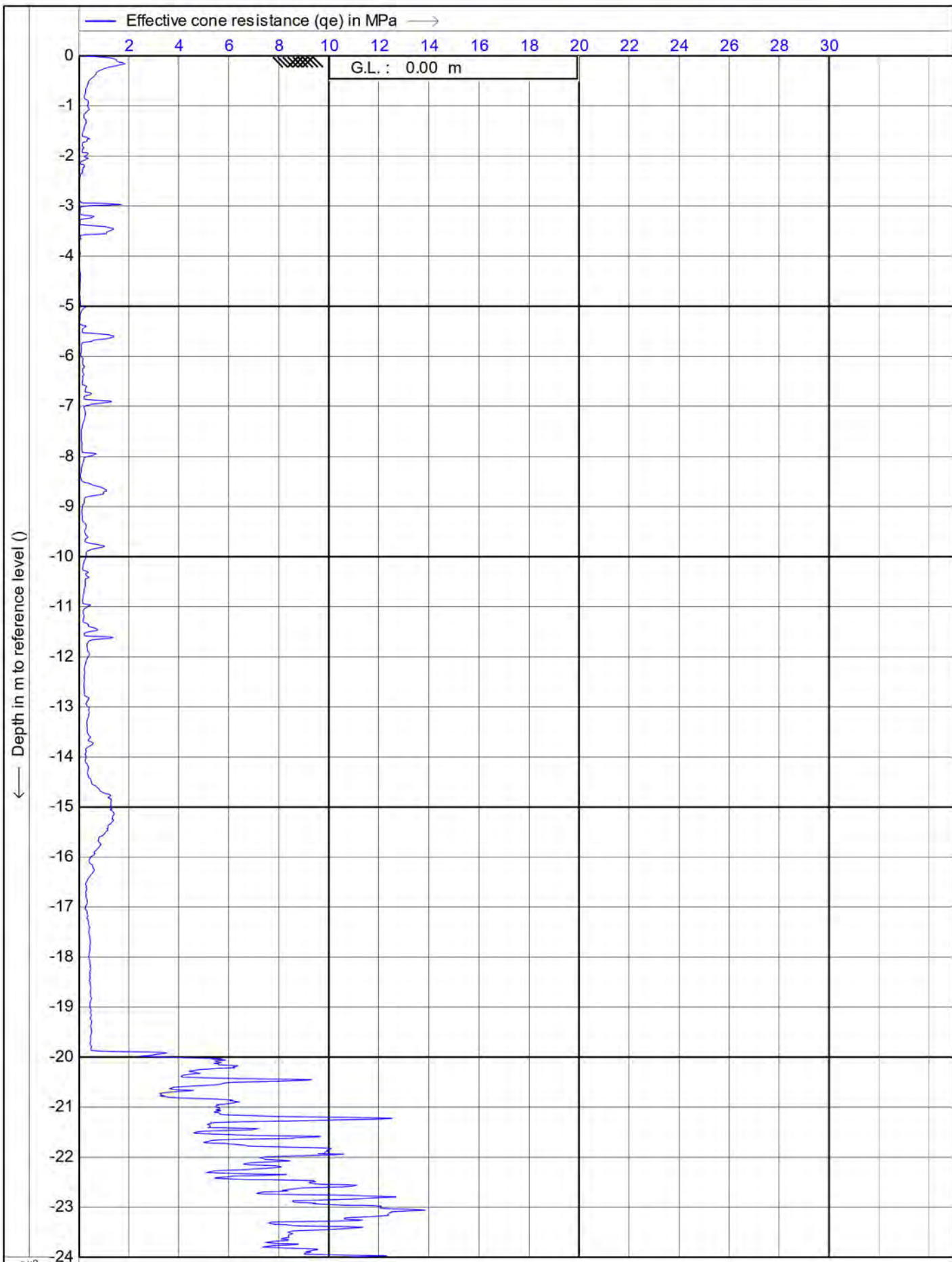
Date : 19/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_15** 7/30





Test according NEN 5140 class 1  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95395, -37.04163 WGS 84

Date : 19/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_15 8/30



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

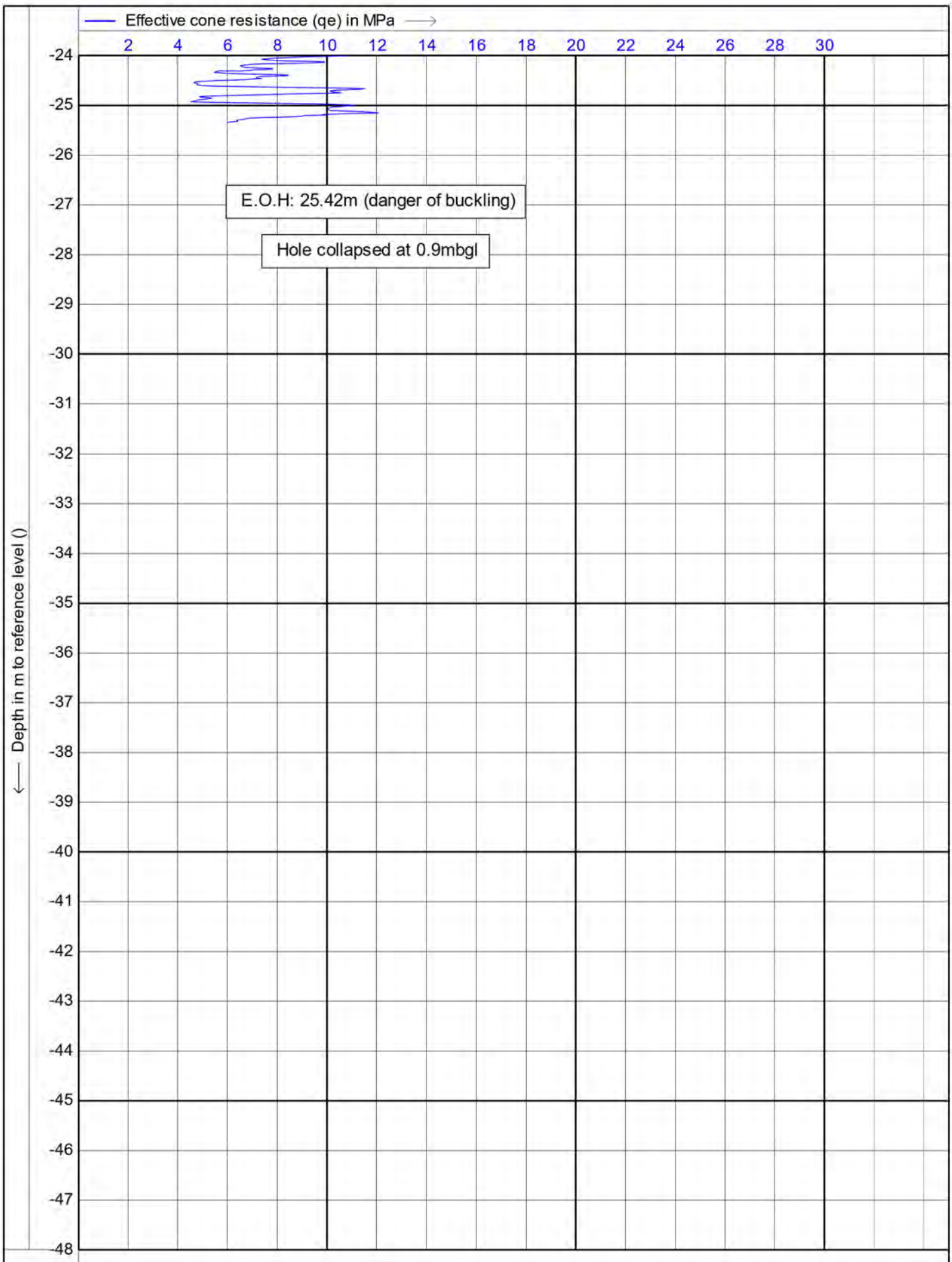
Position: **174.95395, -37.04163 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_15** 9/30



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.95395, -37.04163 WGS 84**

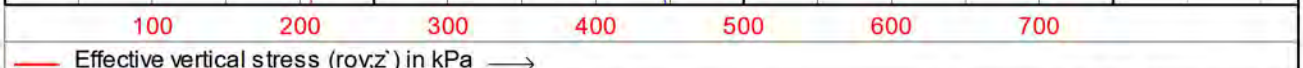
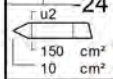
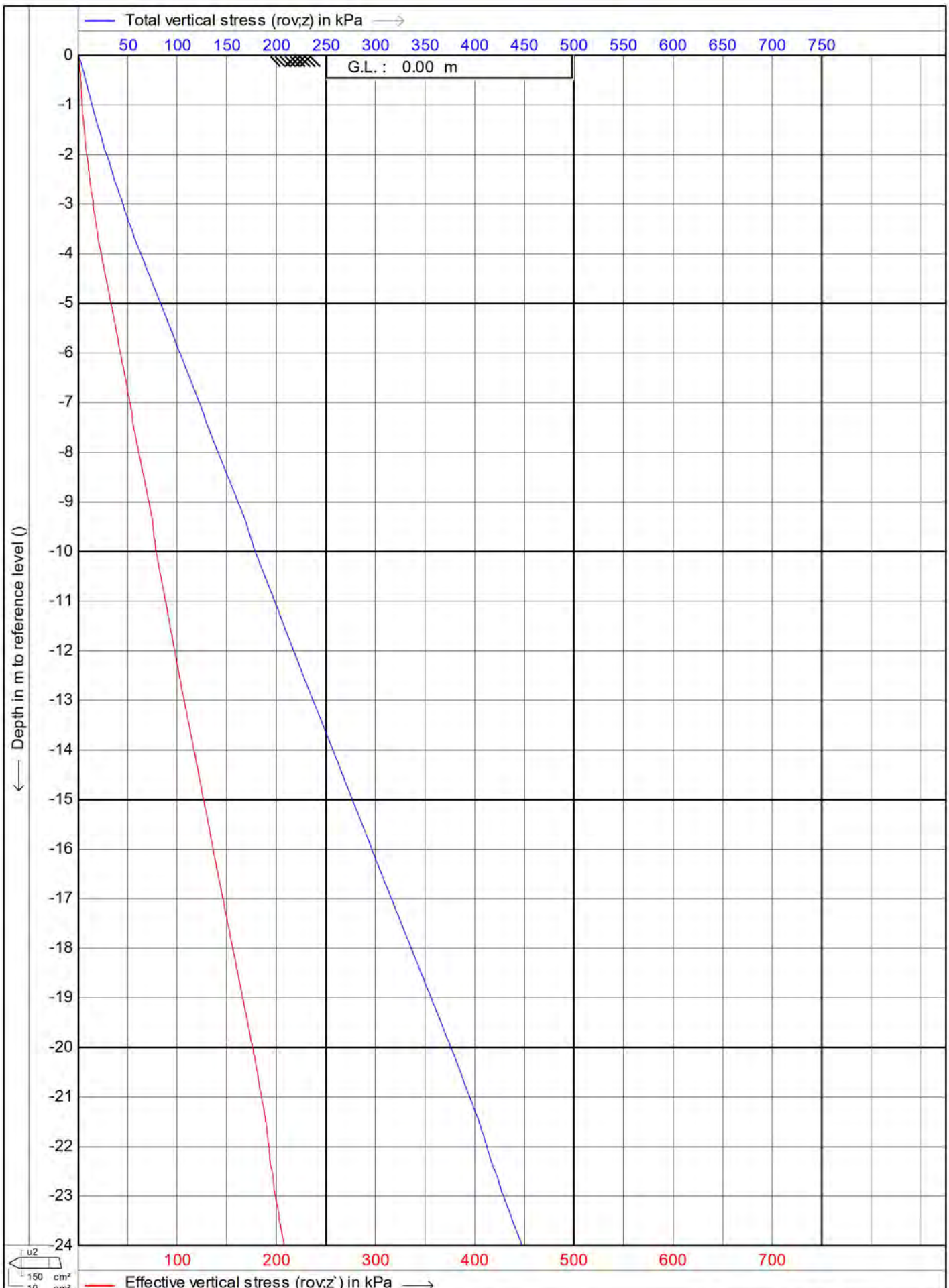
Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

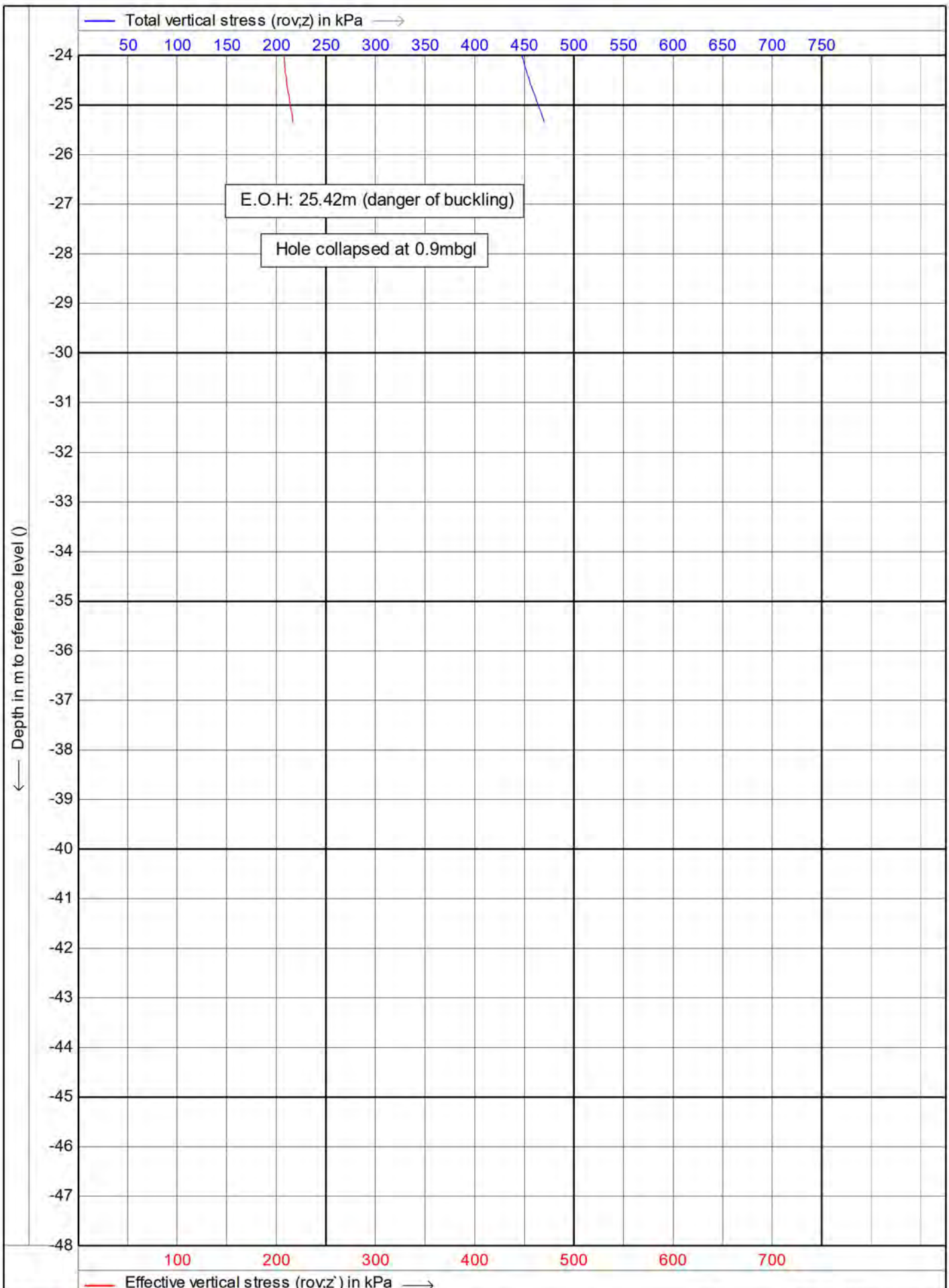
CPT no. : **CPT\_15** 10/30





Test according NEN 5140 class 1  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95395, -37.04163 WGS 84

Date : 19/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_15 11/30



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

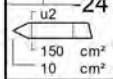
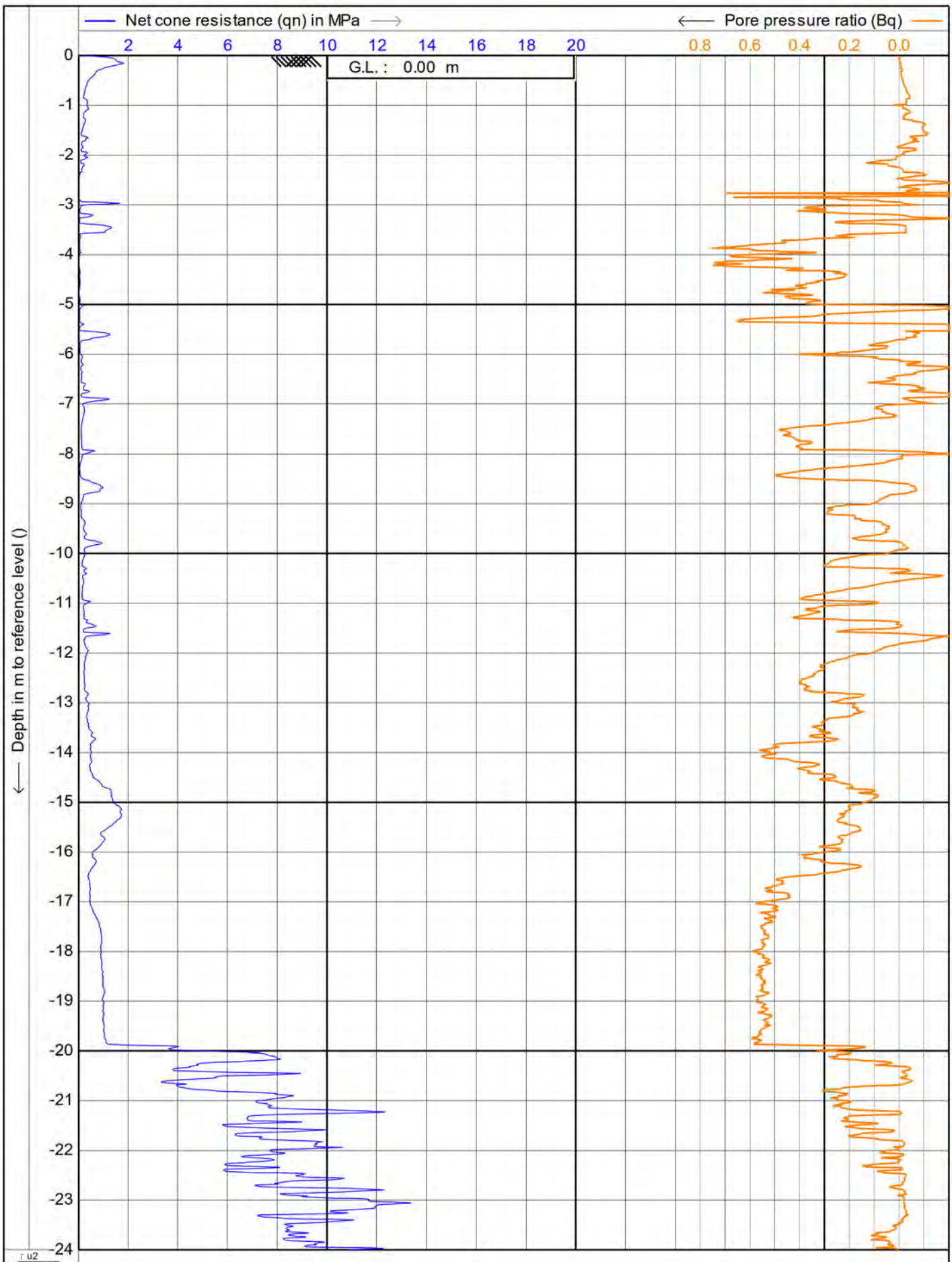
Position: **174.95395, -37.04163 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_15** 12/30



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.95395, -37.04163 WGS 84**

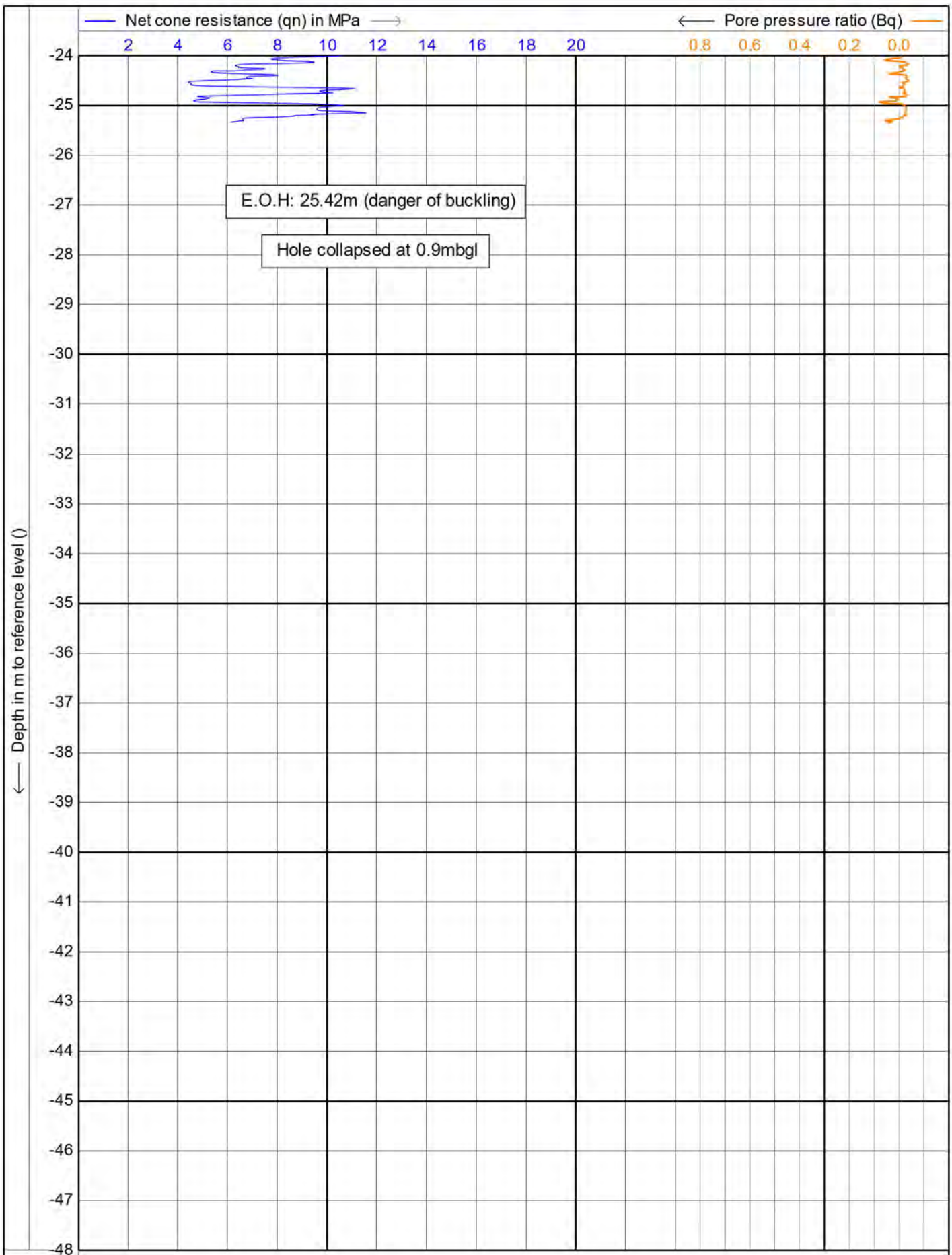
Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_15** 13/30

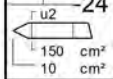
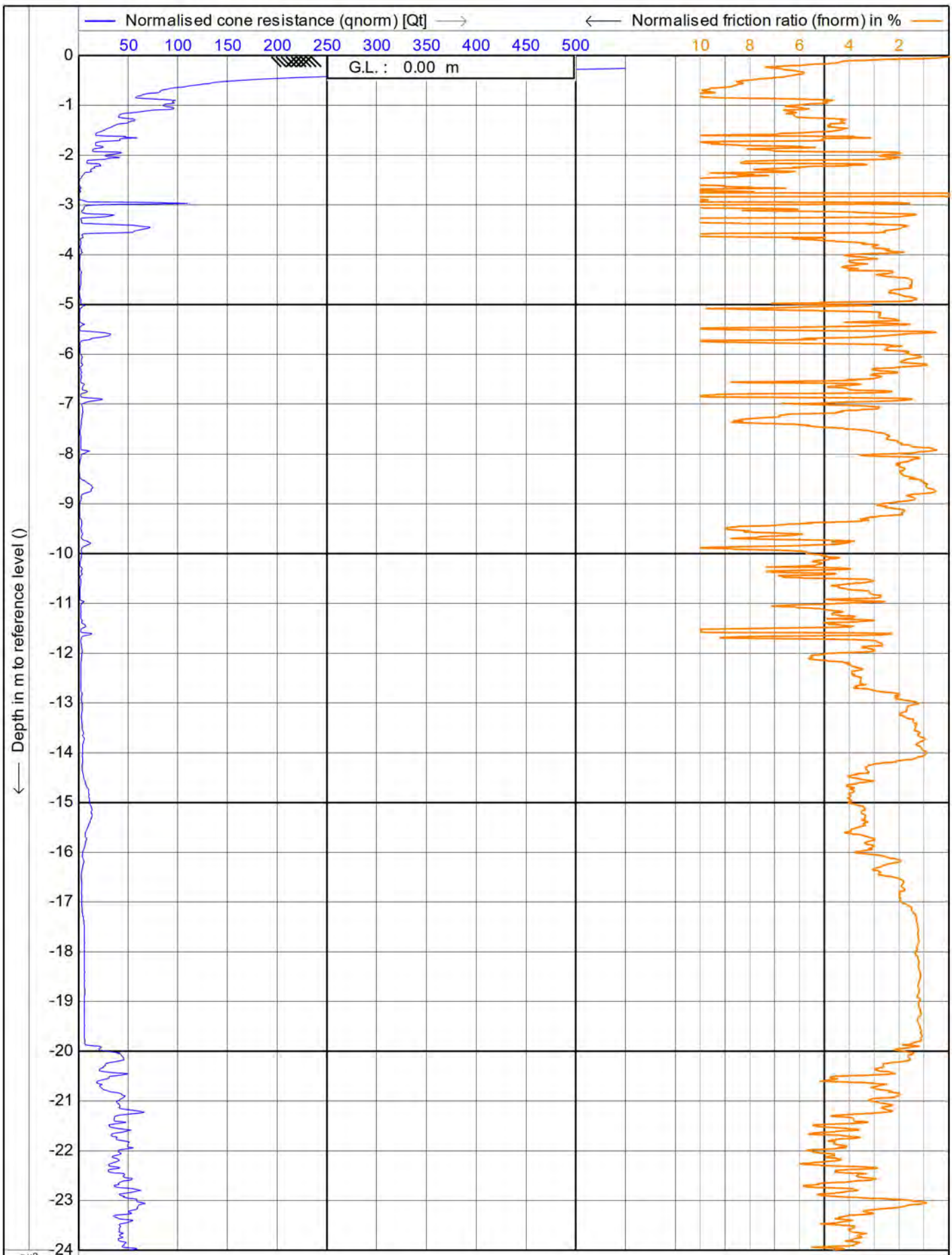




Test according NEN 5140 class 1

Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95395, -37.04163 WGS 84

Date : 19/04/2021  
 Cone no. : S10CFIIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_15 14/30



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

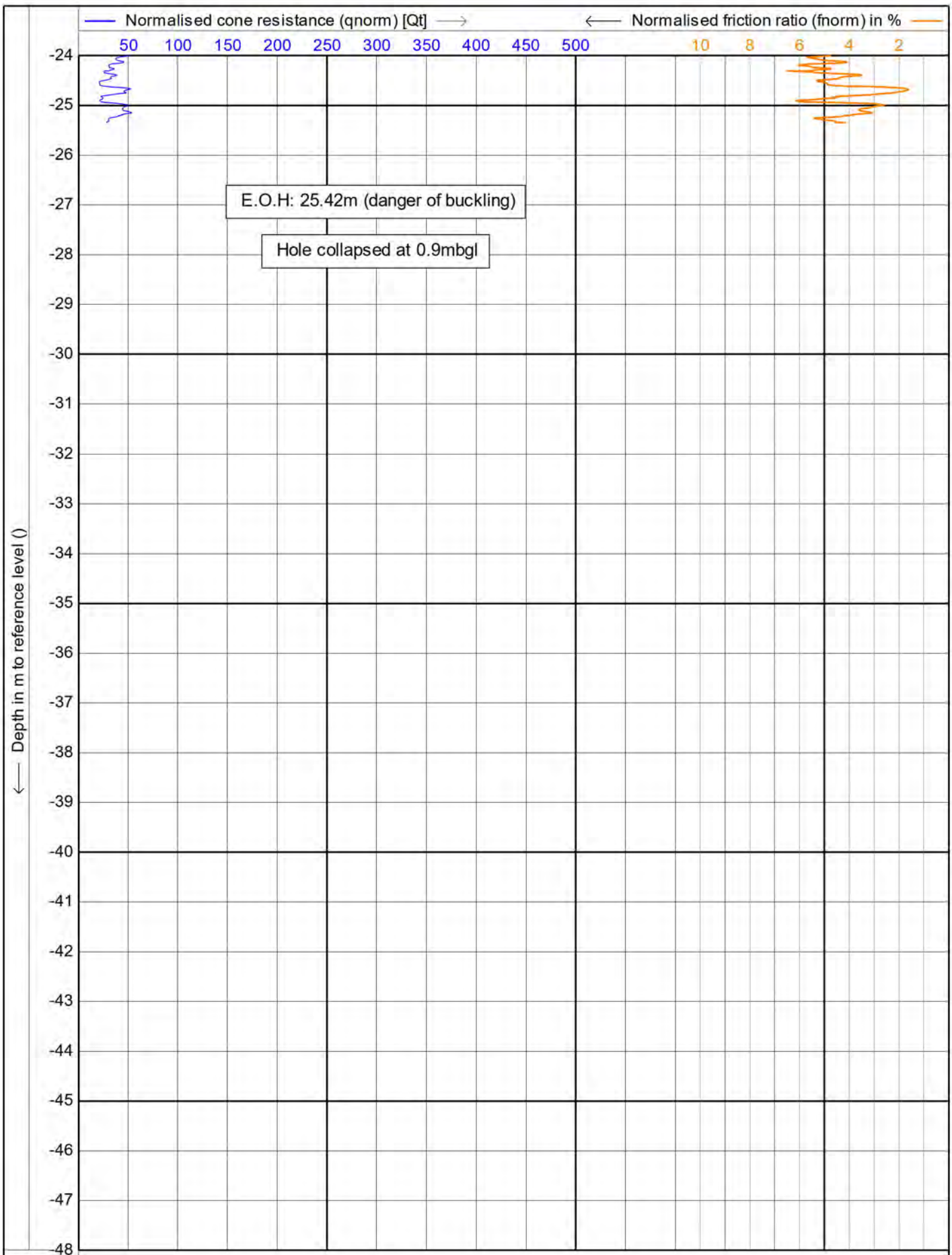
Position: **174.95395, -37.04163 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_15** 15/30

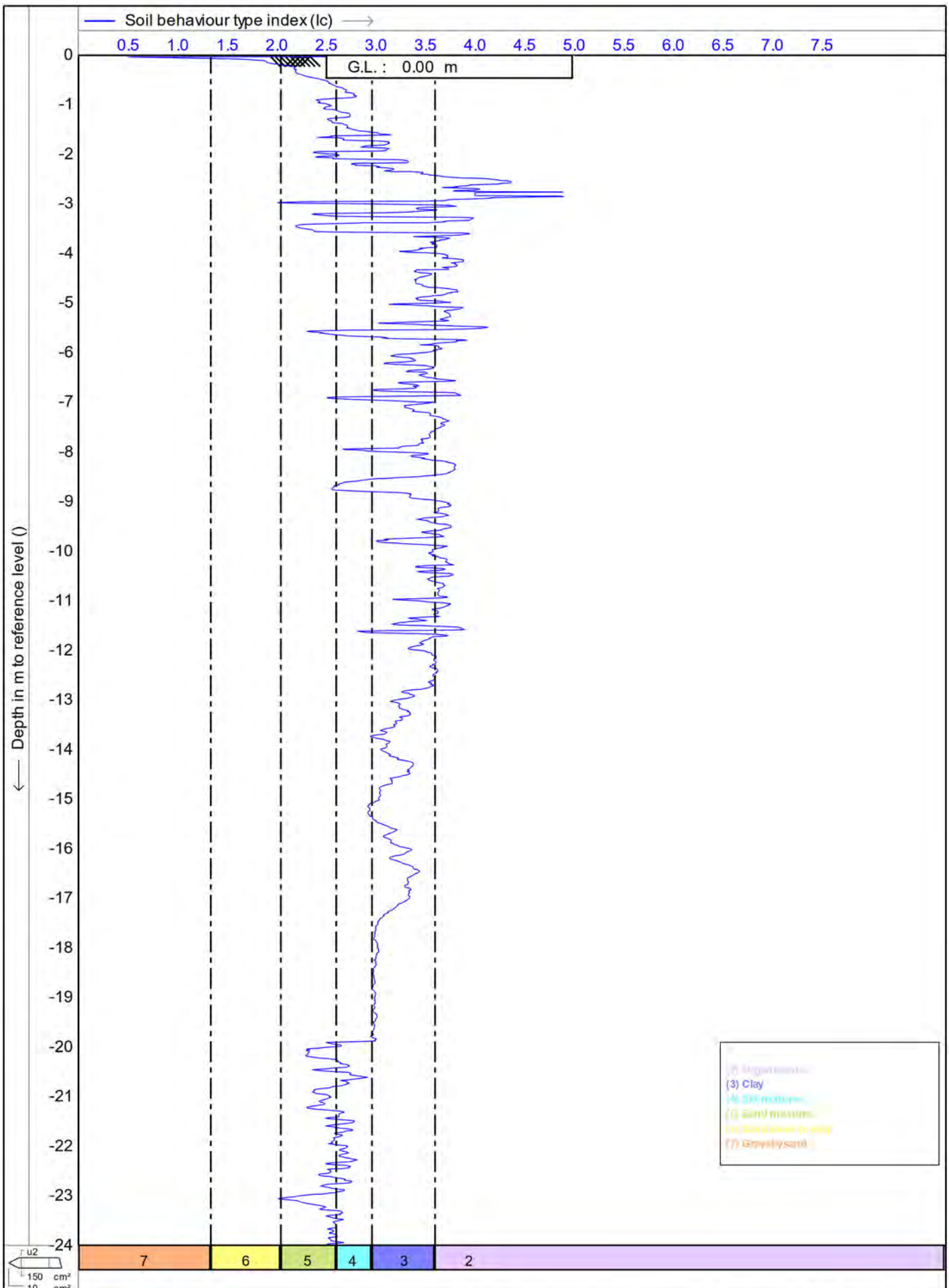


Test according NEN 5140 class 1

Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.95395, -37.04163 WGS 84**

Date : **19/04/2021**  
 Cone no. : **S10CFIIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_15** 16/30





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

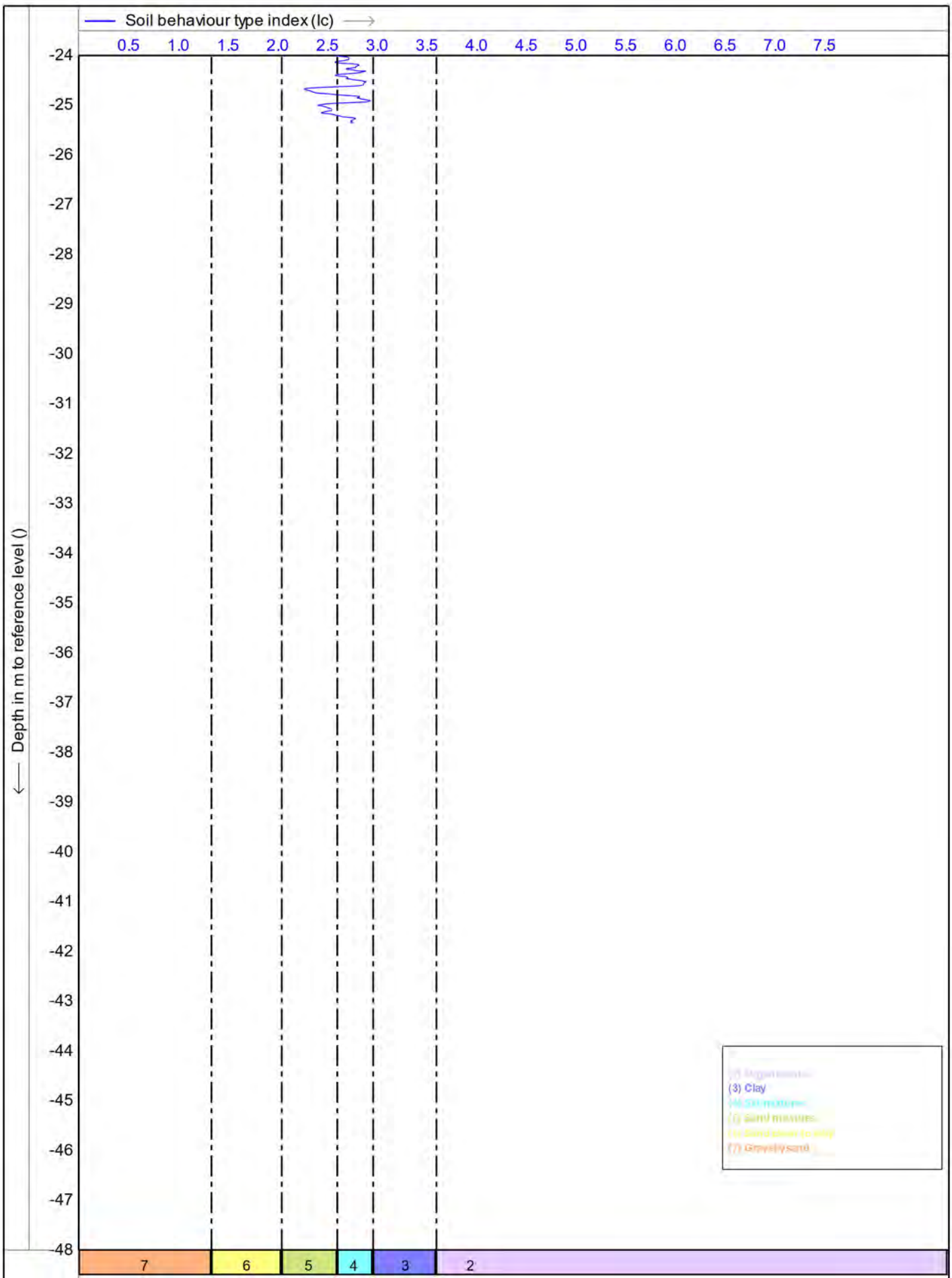
Position: **174.95395, -37.04163 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_15** 17/30



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

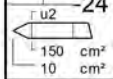
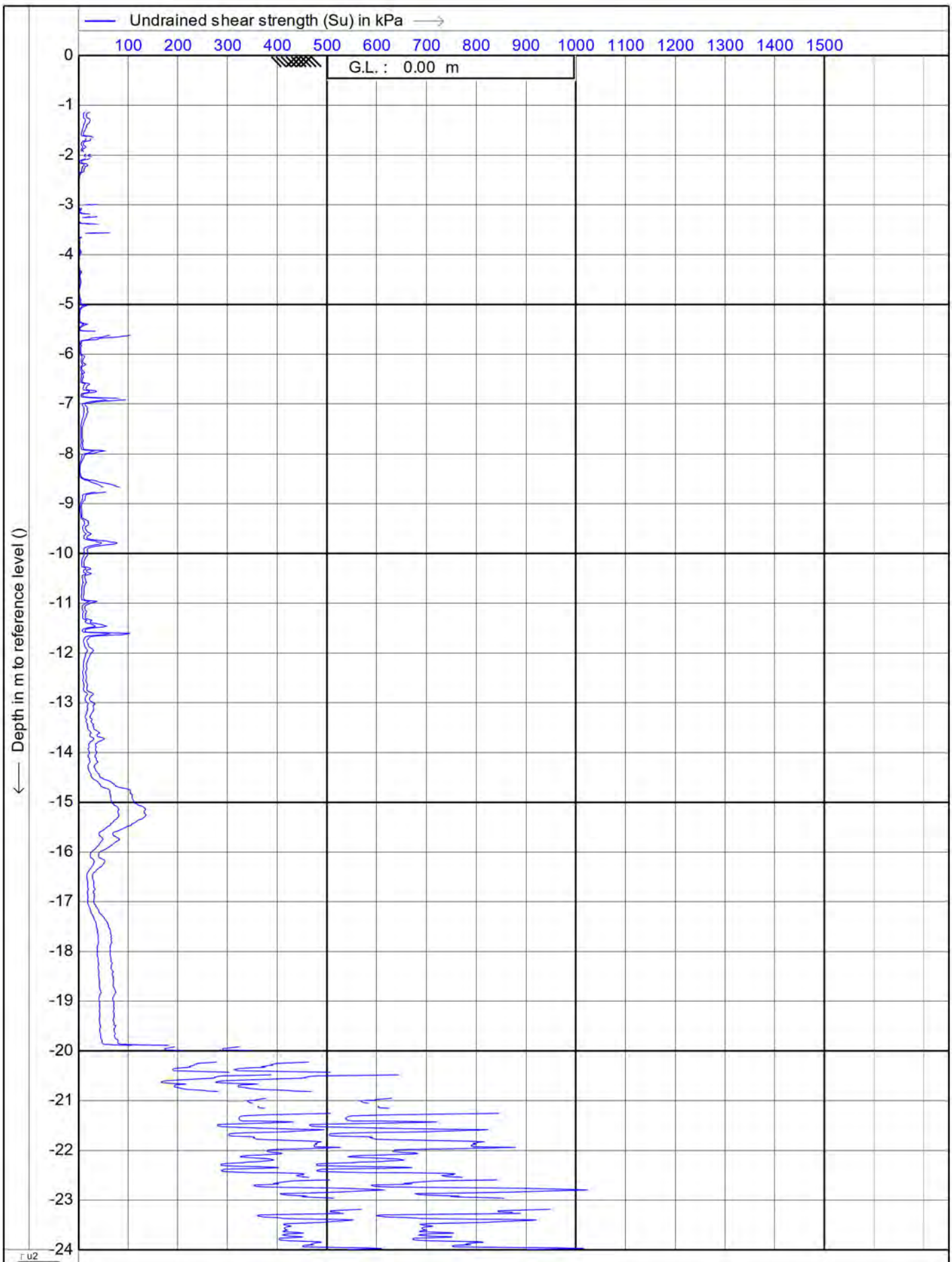
Position: **174.95395, -37.04163 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_15** 18/30



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.95395, -37.04163 WGS 84**

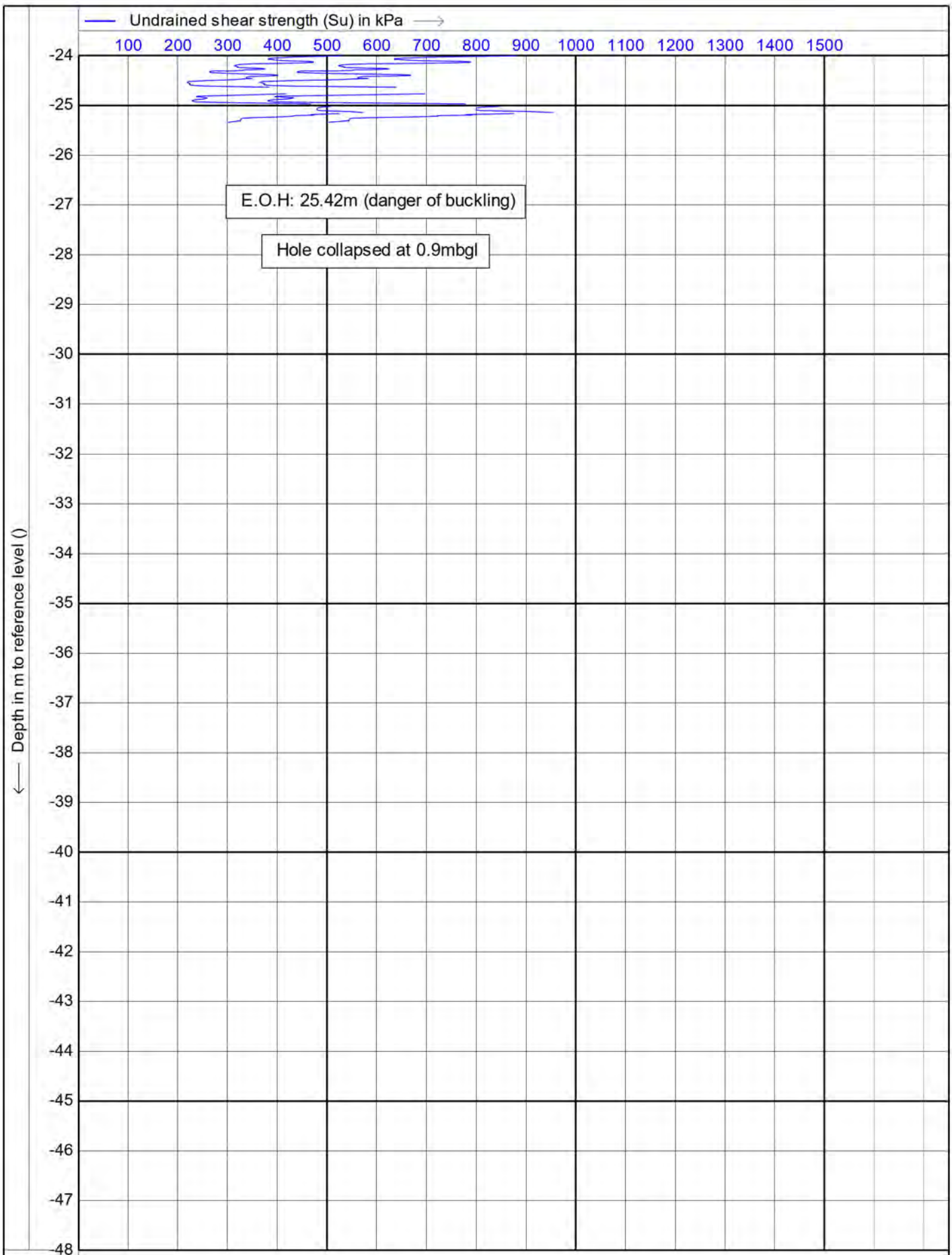
Date : **19/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_15** 19/30

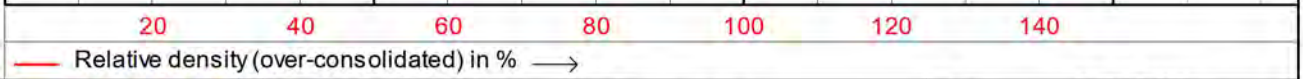
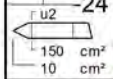
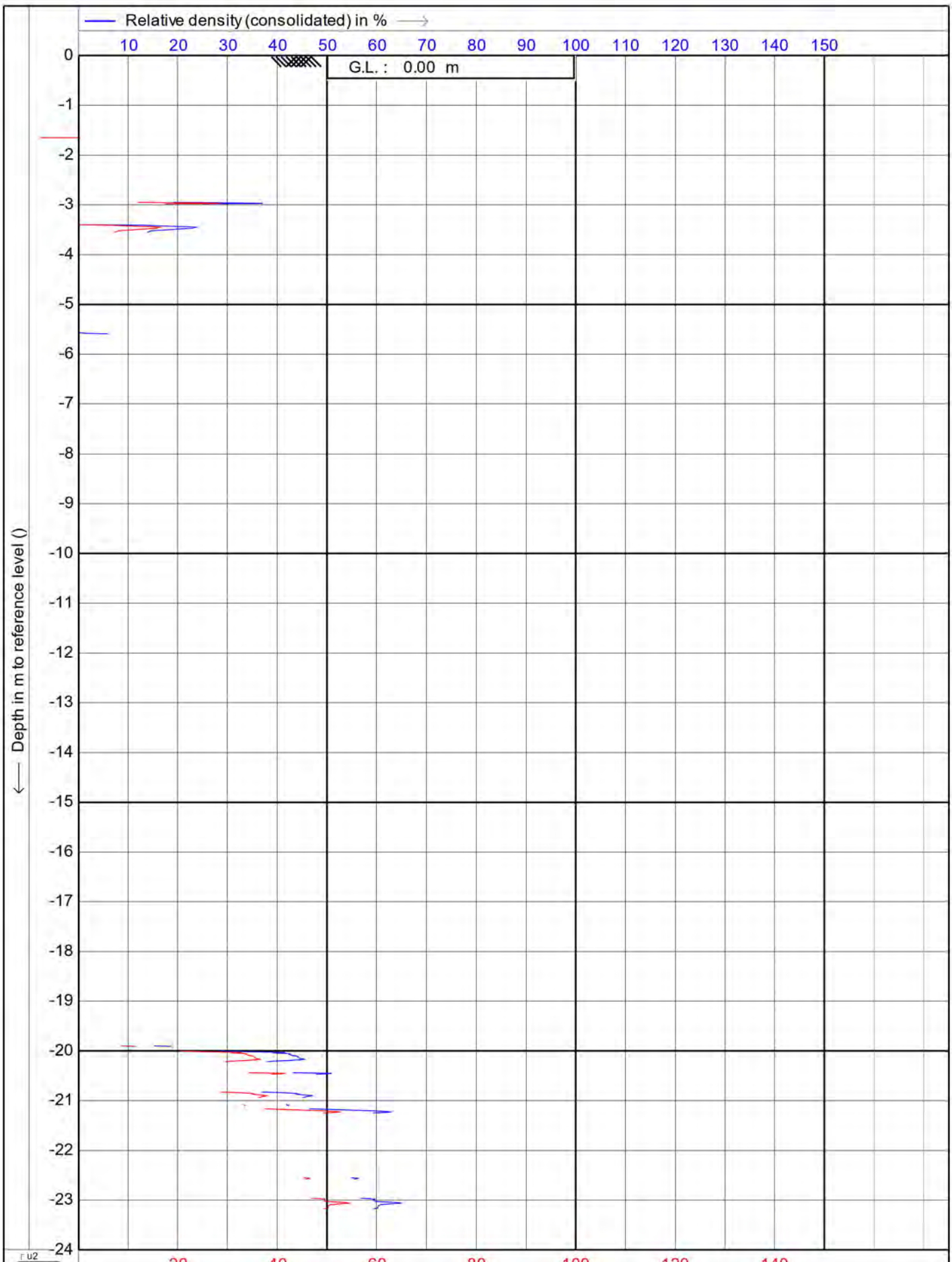




Test according NEN 5140 class 1

Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.95395, -37.04163 WGS 84**

Date : **19/04/2021**  
 Cone no. : **S10CFIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_15** 20/30



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

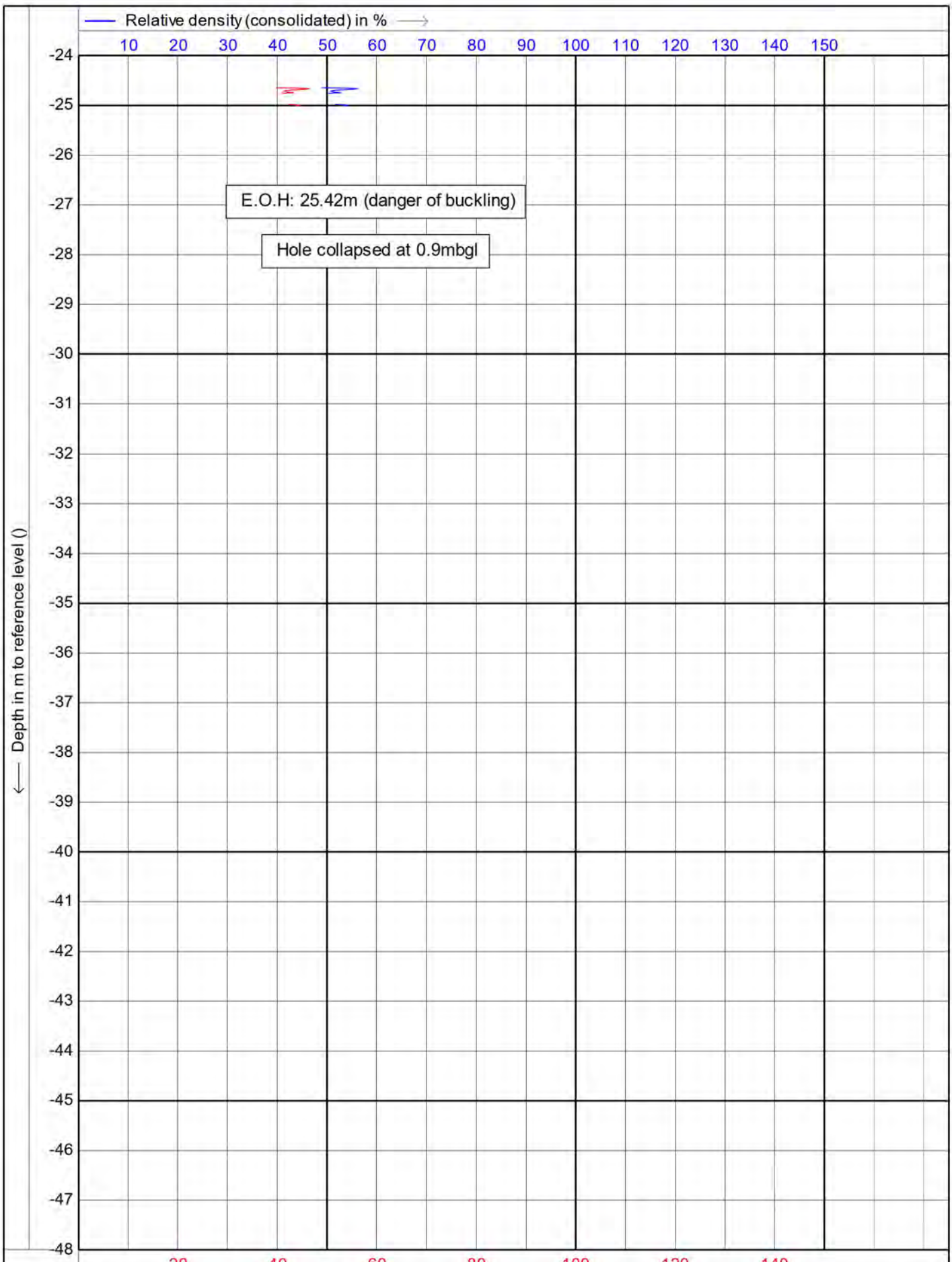
Position: **174.95395, -37.04163 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_15** 21/30



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.95395, -37.04163 WGS 84**

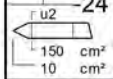
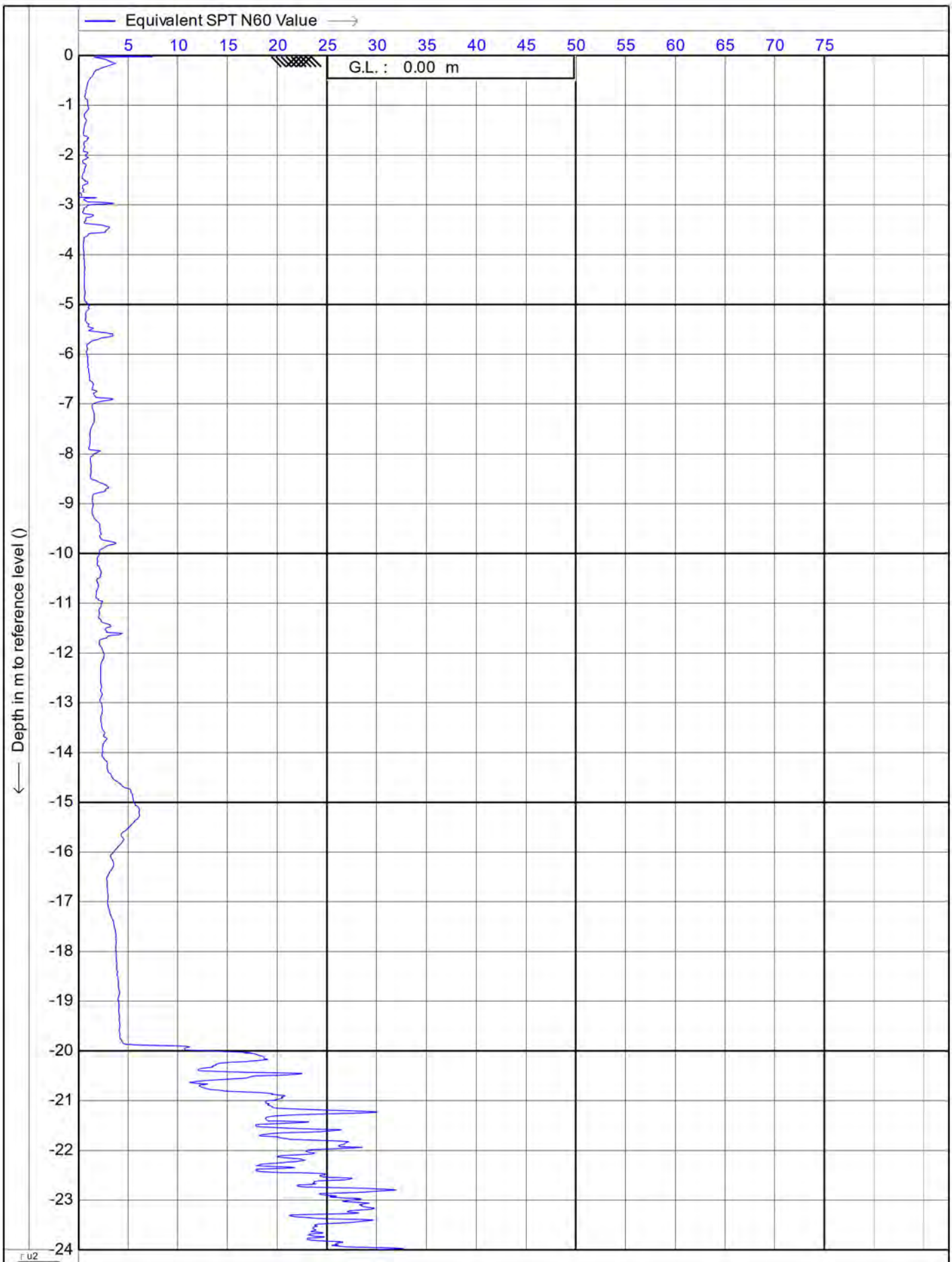
Date : **19/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_15** 22/30





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

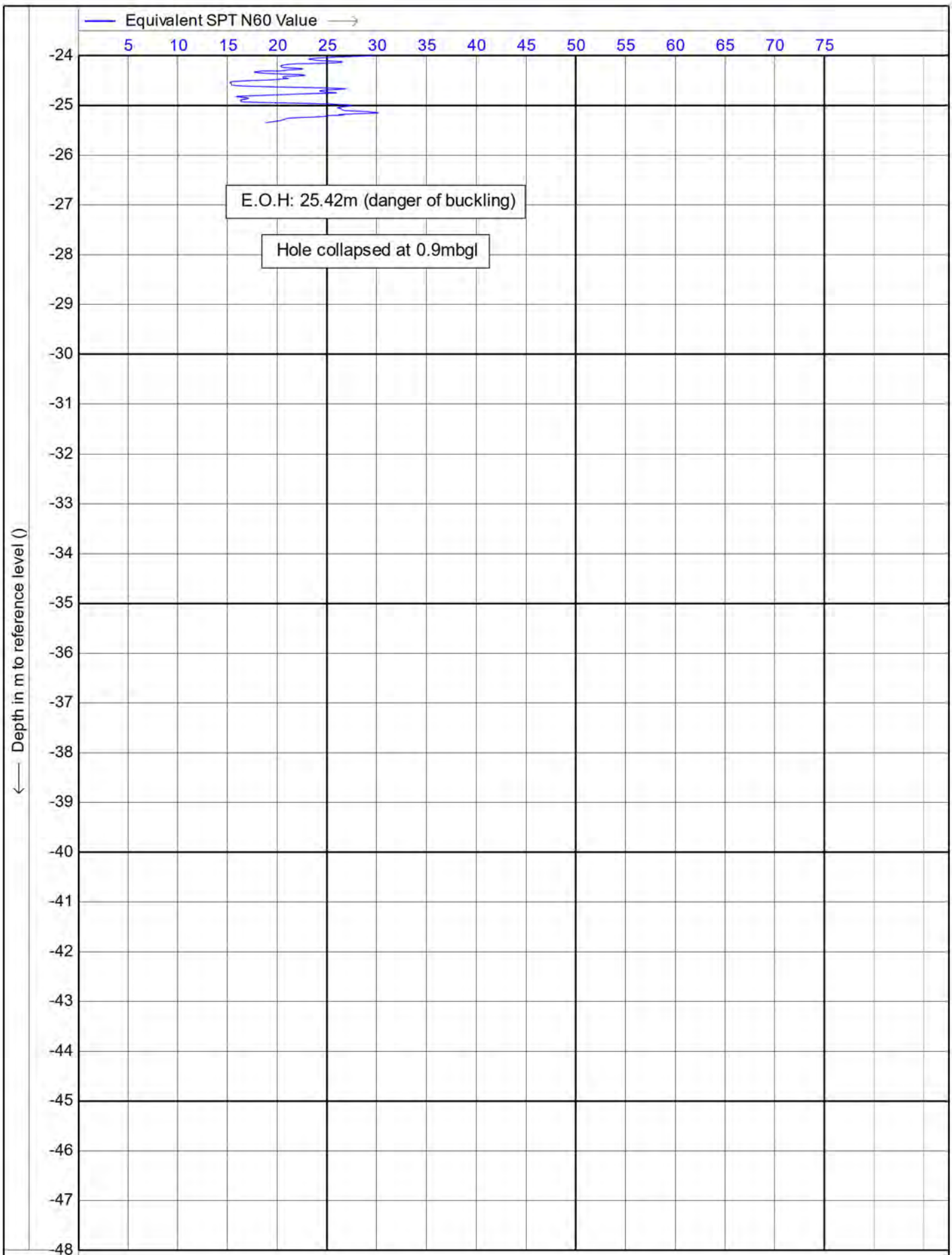
Position: **174.95395, -37.04163 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

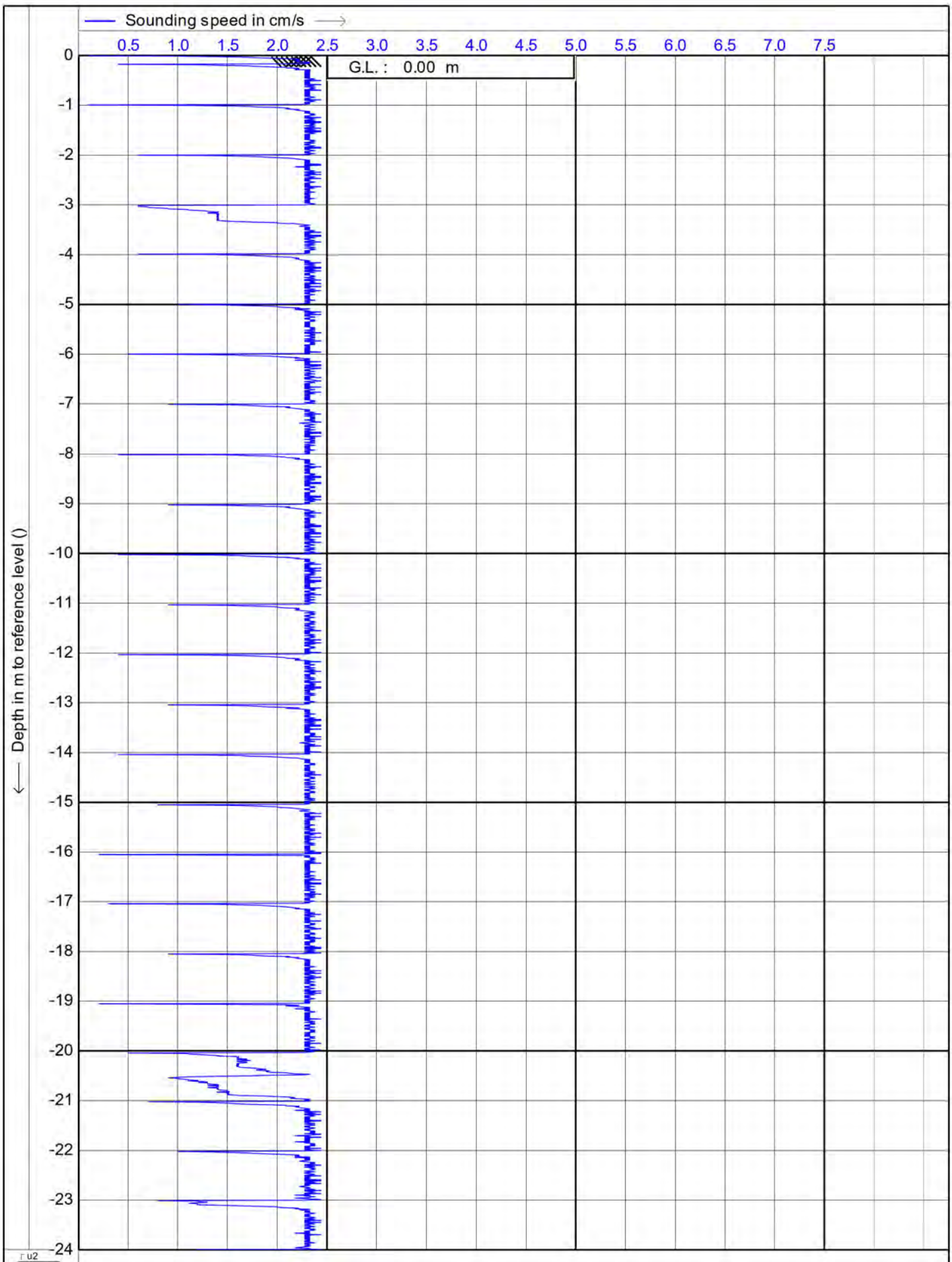
CPT no. : **CPT\_15** 23/30



Test according NEN 5140 class 1

Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.95395, -37.04163 WGS 84**

Date : **19/04/2021**  
 Cone no. : **S10CFIIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_15** 24/30



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.95395, -37.04163 WGS 84**

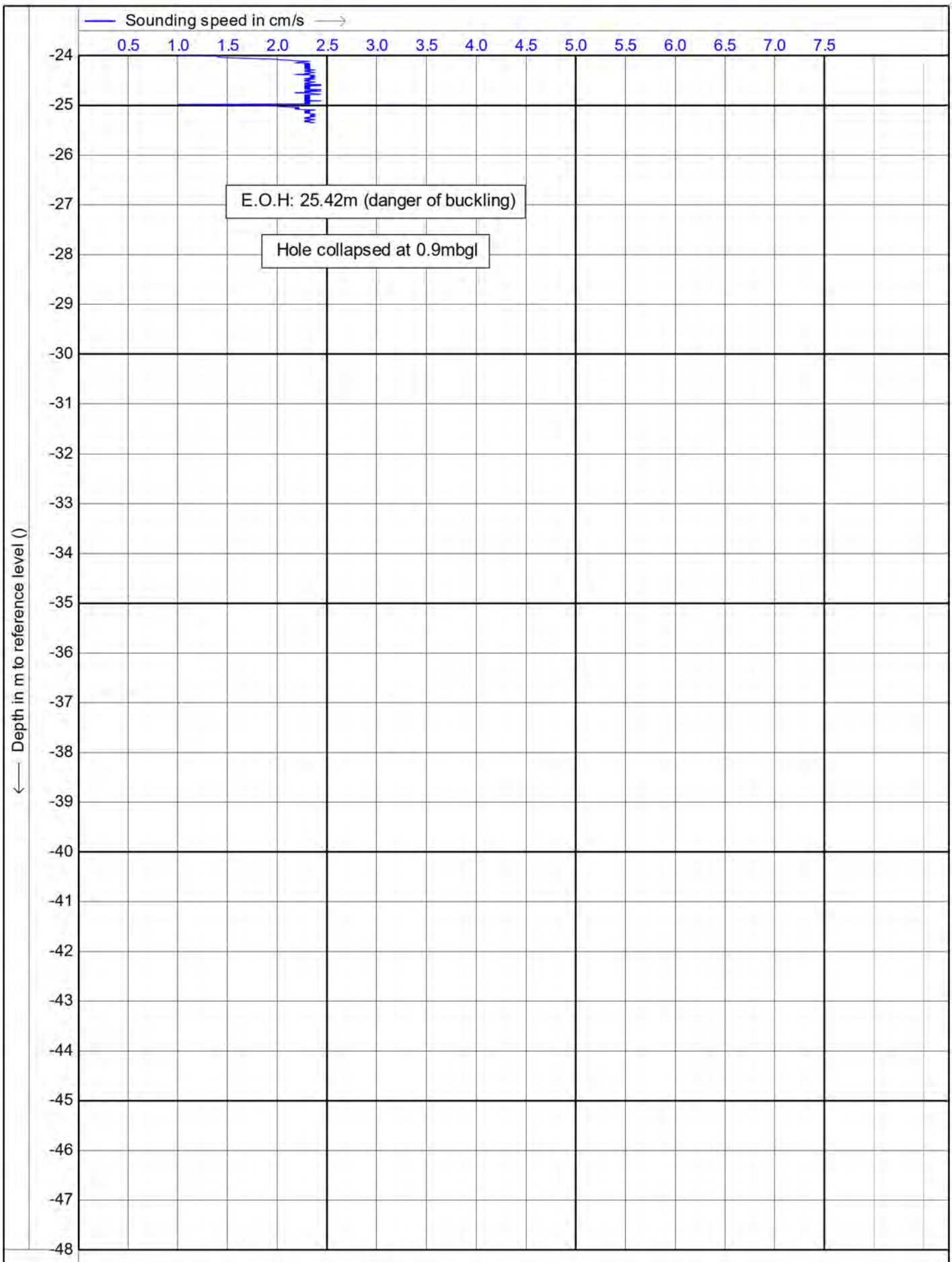
Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

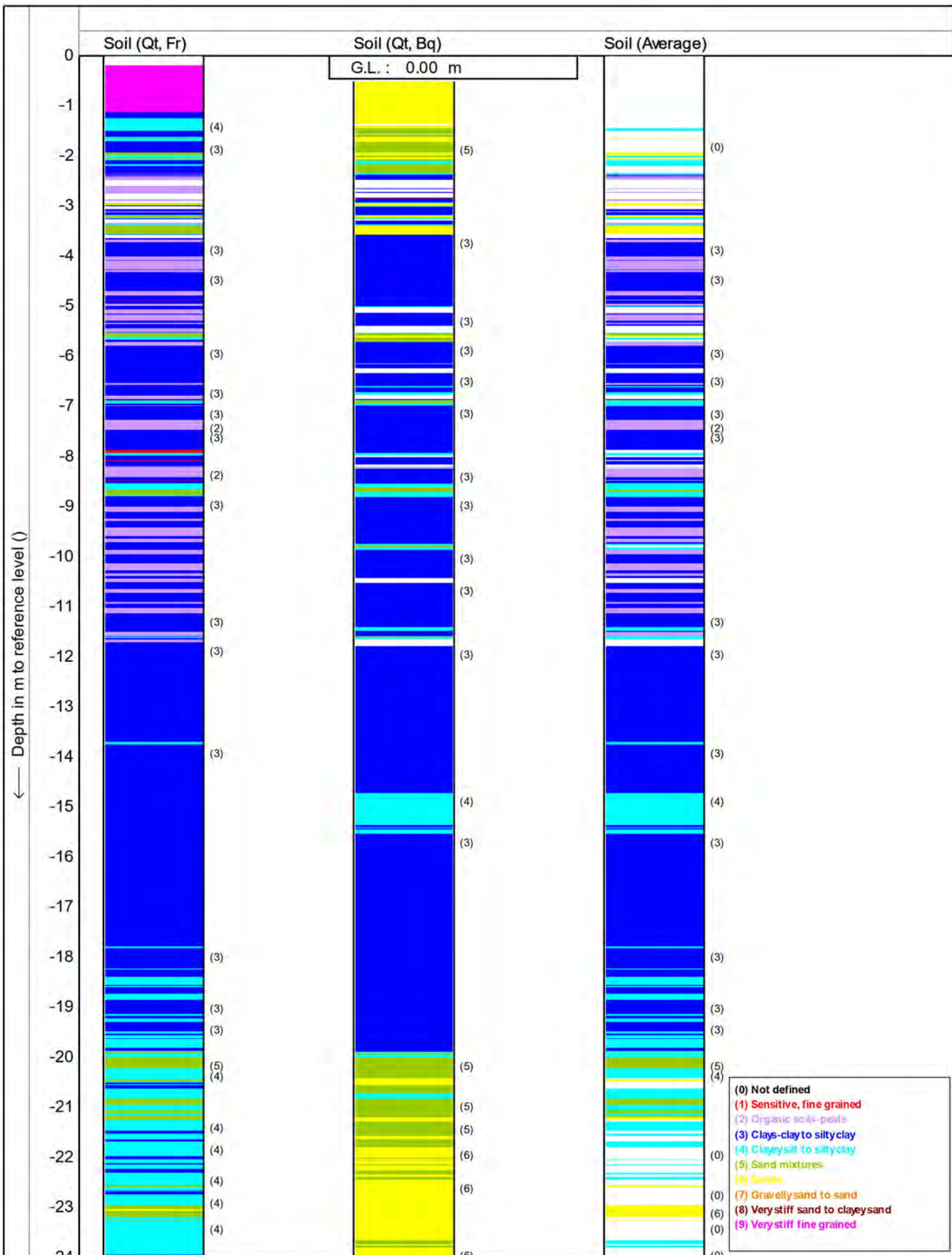
Project no. : **DF21GE034**

CPT no. : **CPT\_15** 25/30



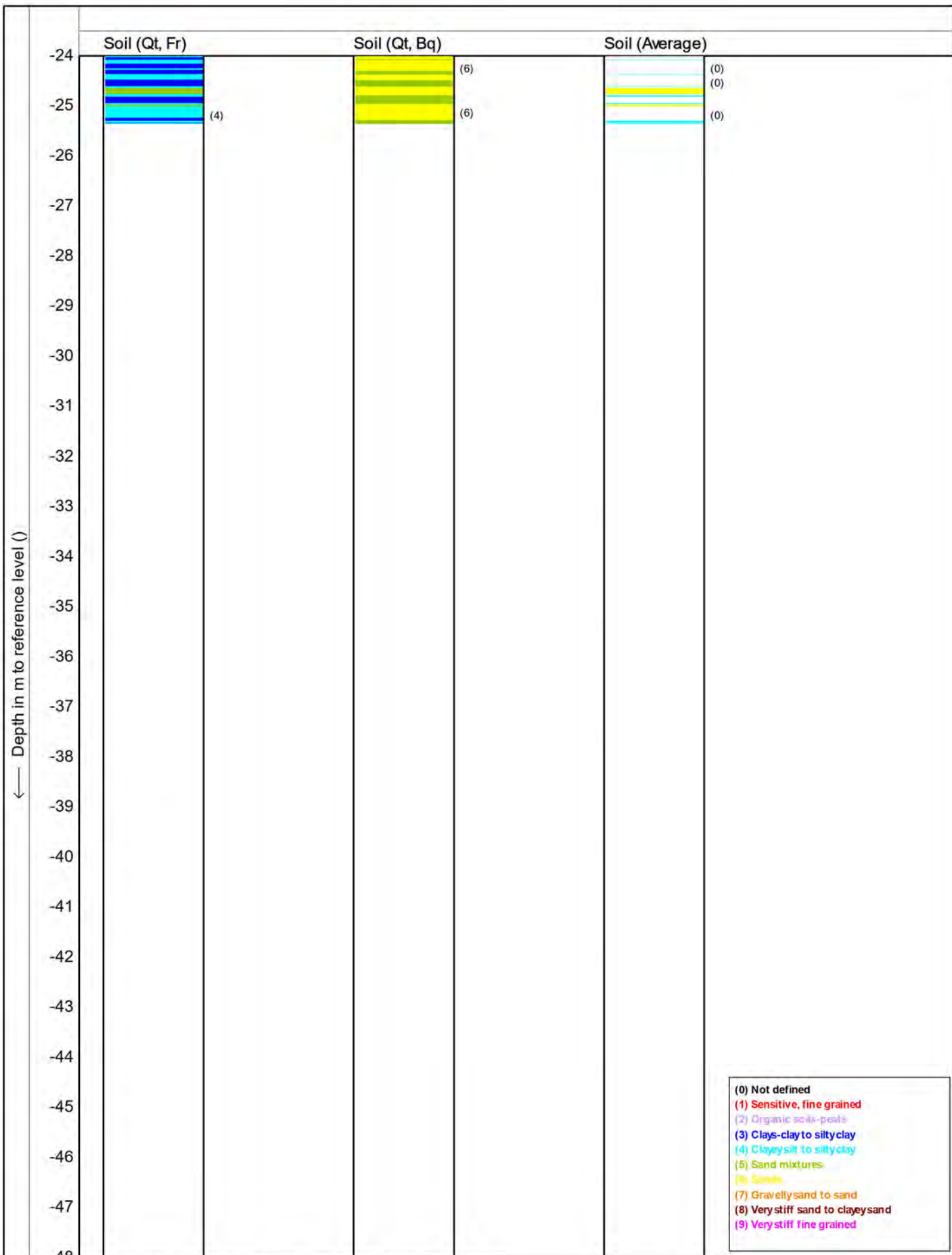


Test according NEN 5140 class 1		Date : 19/04/2021
Project : Hamlin Rd		Cone no. : S10CFIP.S16082
Location: Hamlin Rd, Ardmore		Project no. : <b>DF21GE034</b>
Position: 174.95395, -37.04163 WGS 84		CPT no. : <b>CPT_15</b> 26/30



Soil behaviour type classification after Robertson 1990

	Test according NEN 5140 class 1	Date : 19/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
	Position: 174.95395, -37.04163 WGS 84	CPT no. : <b>CPT_15</b> 27/30



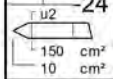
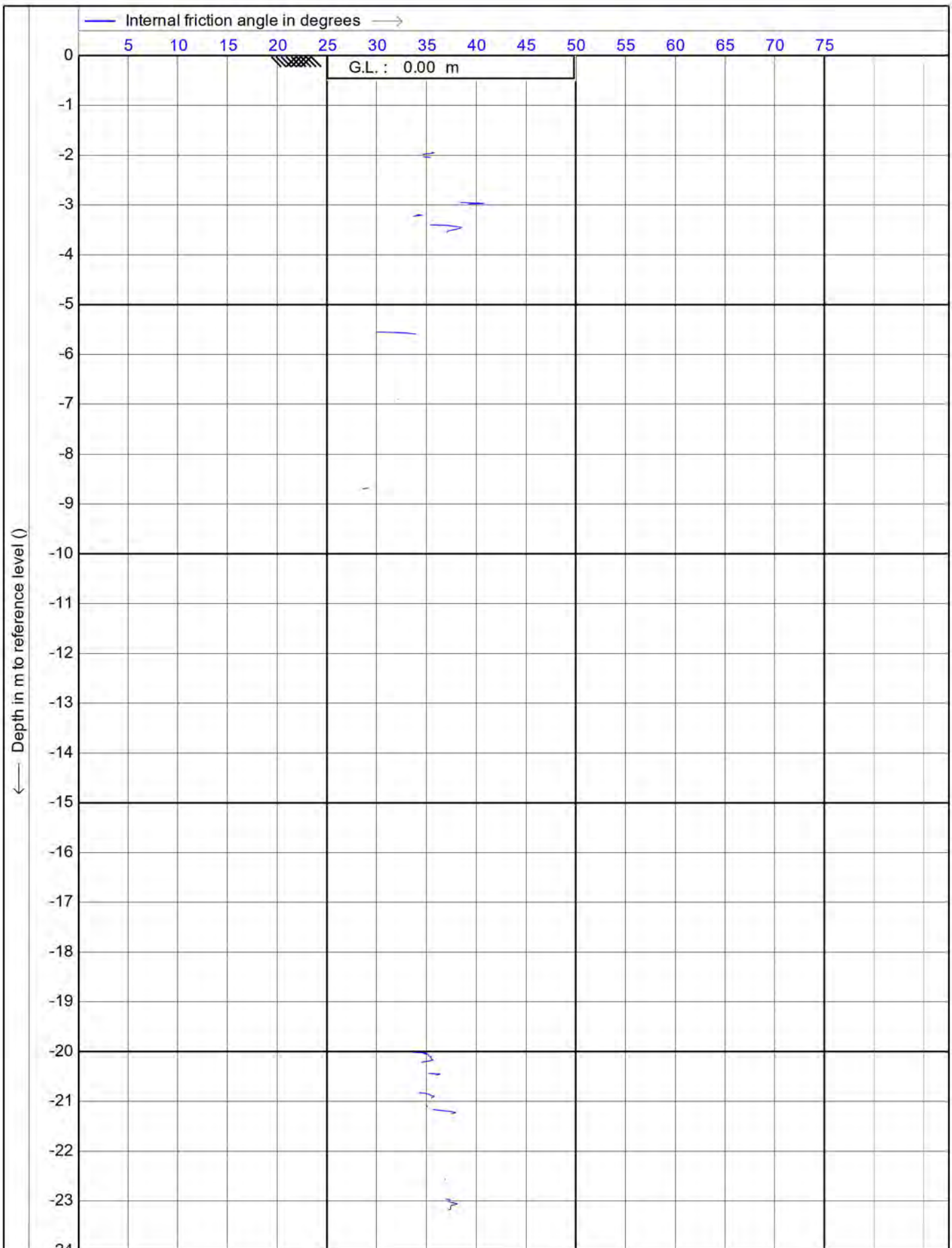
- (0) Not defined
- (1) Sensitive, fine grained
- (2) Organic soils-peats
- (3) Clays-clay to siltyclay
- (4) Claysilt to siltyclay
- (5) Sand mixtures
- (6) Sands
- (7) Gravelly sand to sand
- (8) Very stiff sand to clayey sand
- (9) Very stiff fine grained

Soil behaviour type classification after Robertson 1990



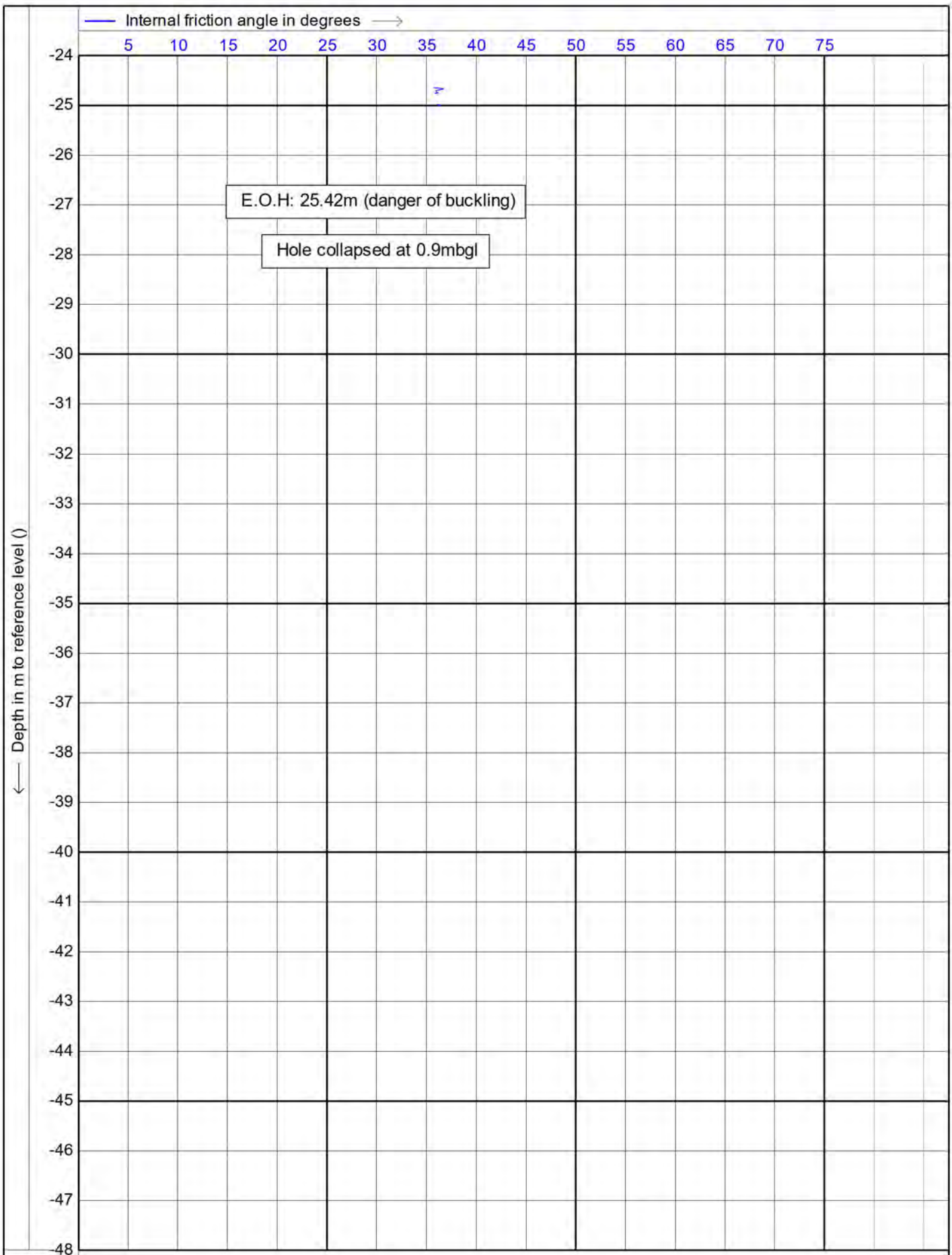
Test according NEN 5140 class 1 Project : Hamlin Rd Location: Hamlin Rd, Ardmore Position: 174.95395, -37.04163 WGS 84	Date : 19/04/2021
	Cone no. : S10CFIP.S16082
	Project no. : DF21GE034
	CPT no. : CPT_15 28/30





Test according NEN 5140 class 1  
 Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.95395, -37.04163 WGS 84**

Date : **19/04/2021**  
 Cone no. : **S10CFIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_15** 29/30



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

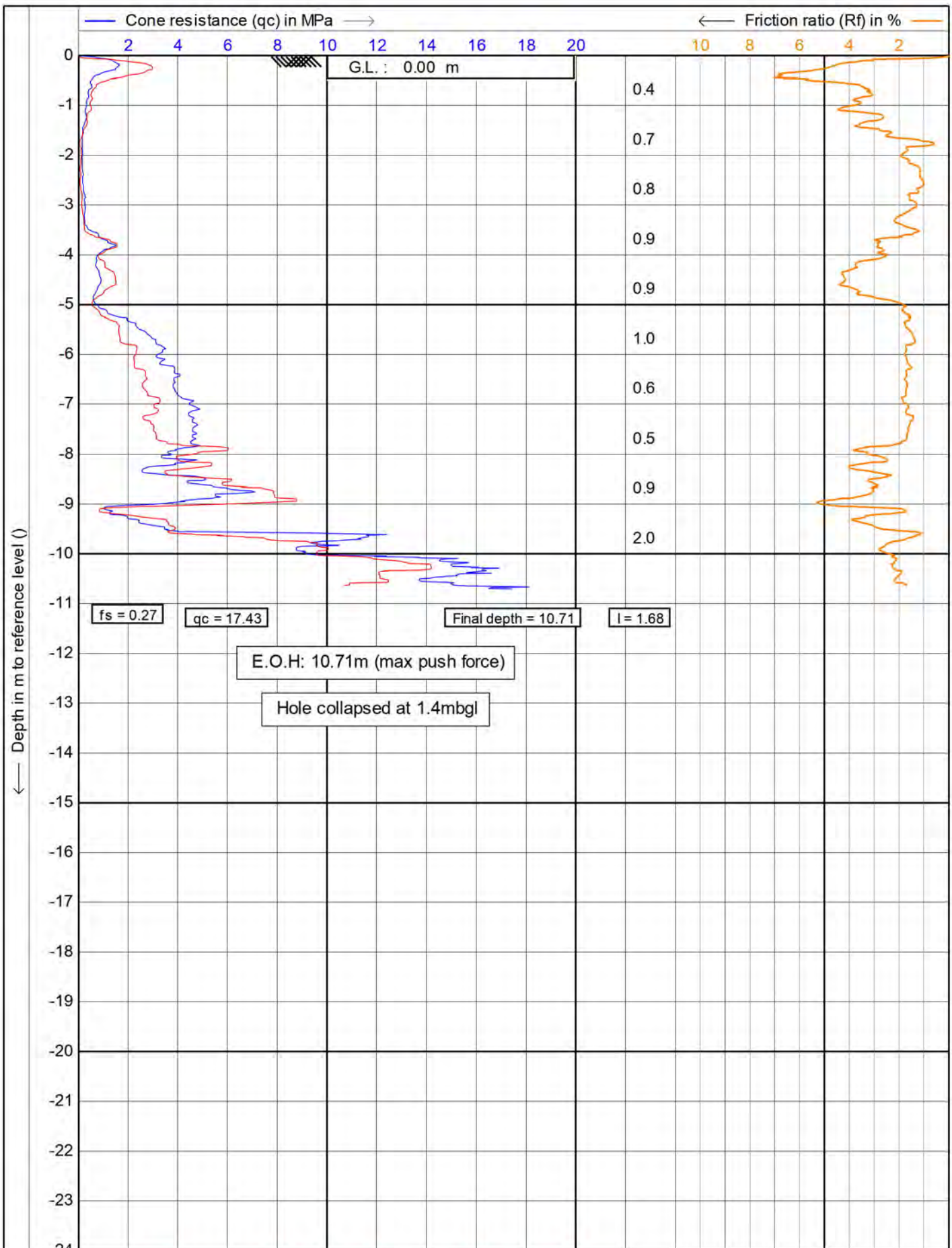
Position: **174.95395, -37.04163 WGS 84**

Date : **19/04/2021**

Cone no. : **S10CFIP.S16082**

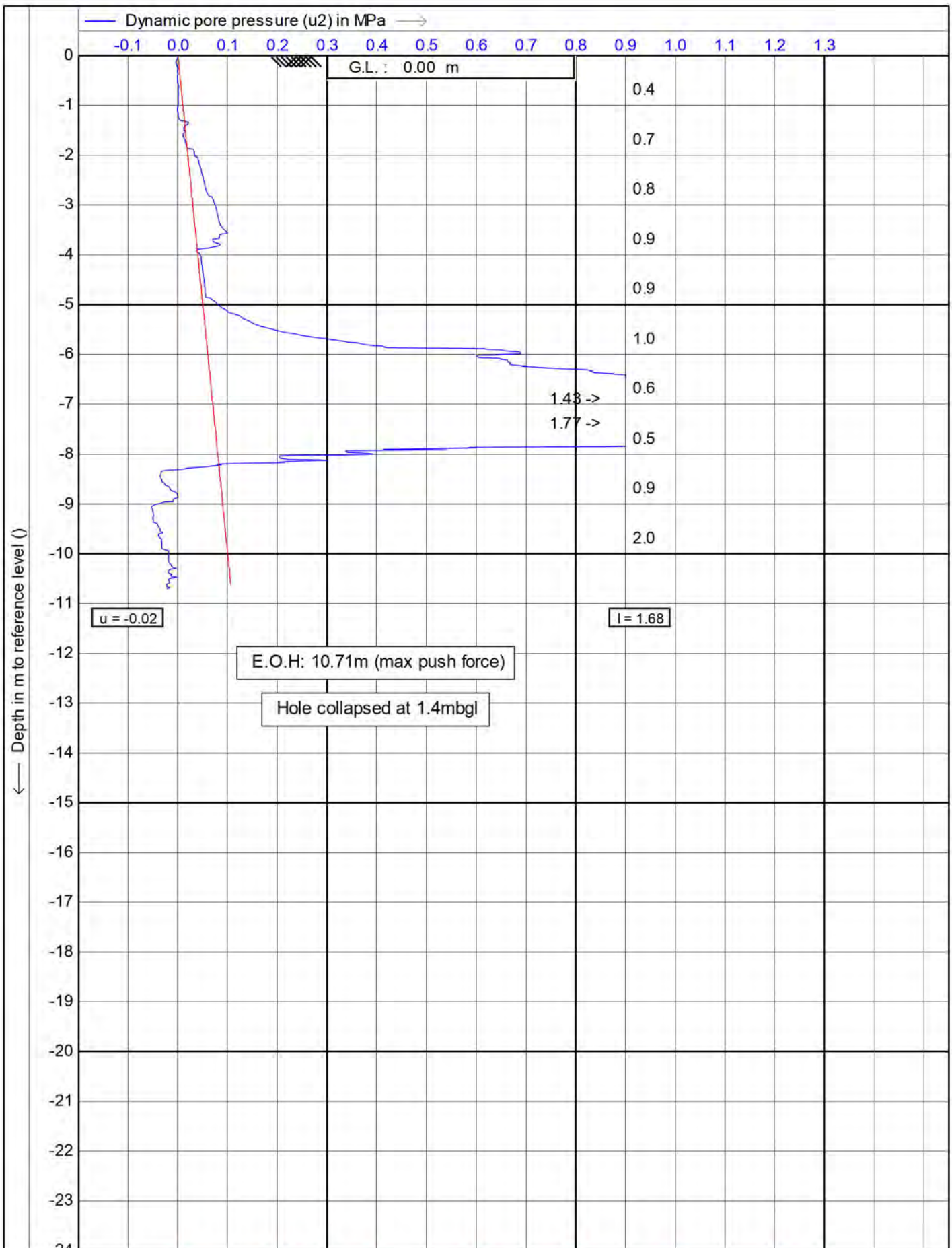
Project no. : **DF21GE034**

CPT no. : **CPT\_15** 30/30



Test acc NZ class	Date : 21/04/2021
Project : Hamlin Rd	Cone no. : S10CFIP.S16082
Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
Position: 174.96422, -37.03468 WGS 84	CPT no. : <b>CPT_16</b> 1/15





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

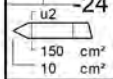
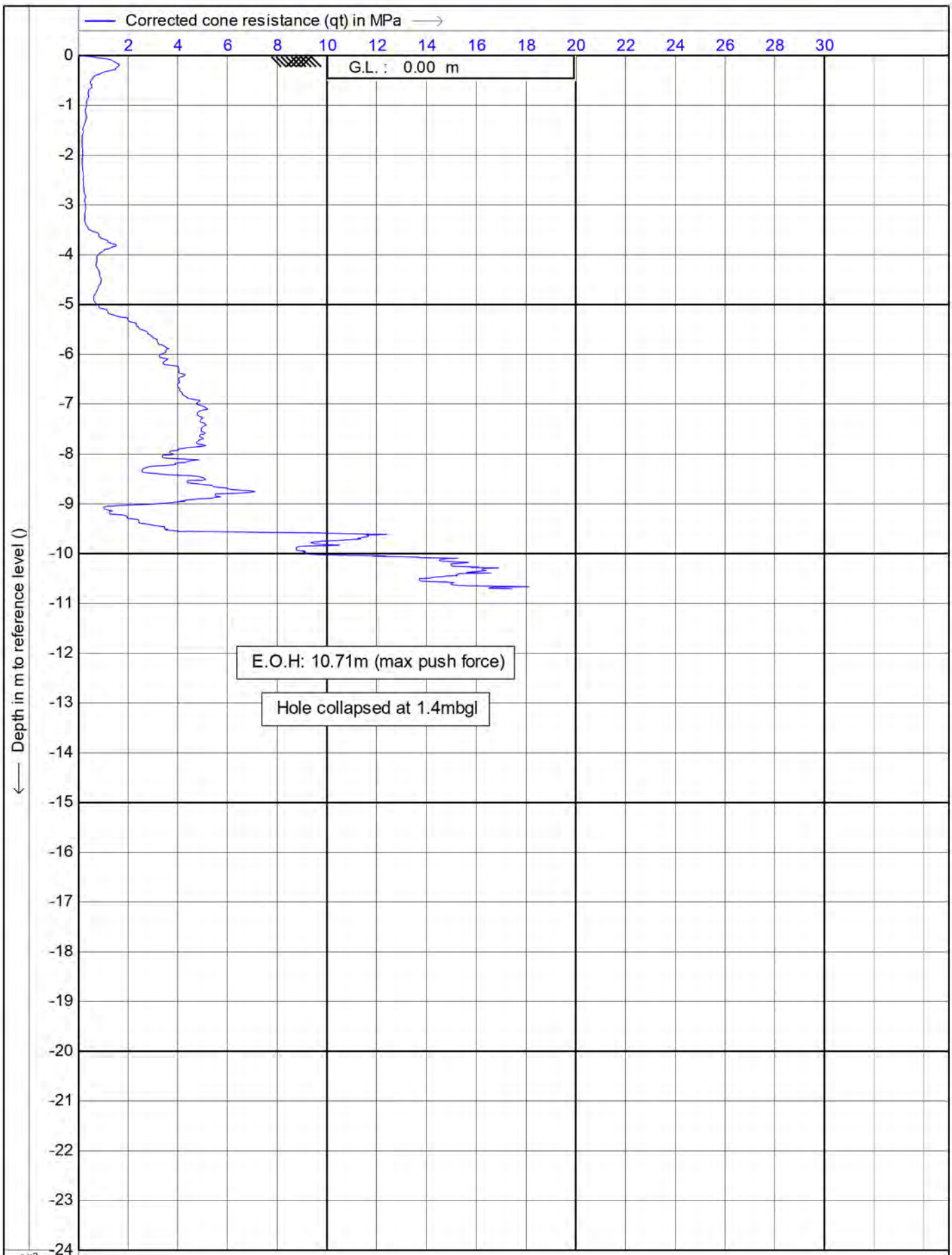
Position: 174.96422, -37.03468 WGS 84

Date : 21/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_16** 2/15



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

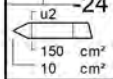
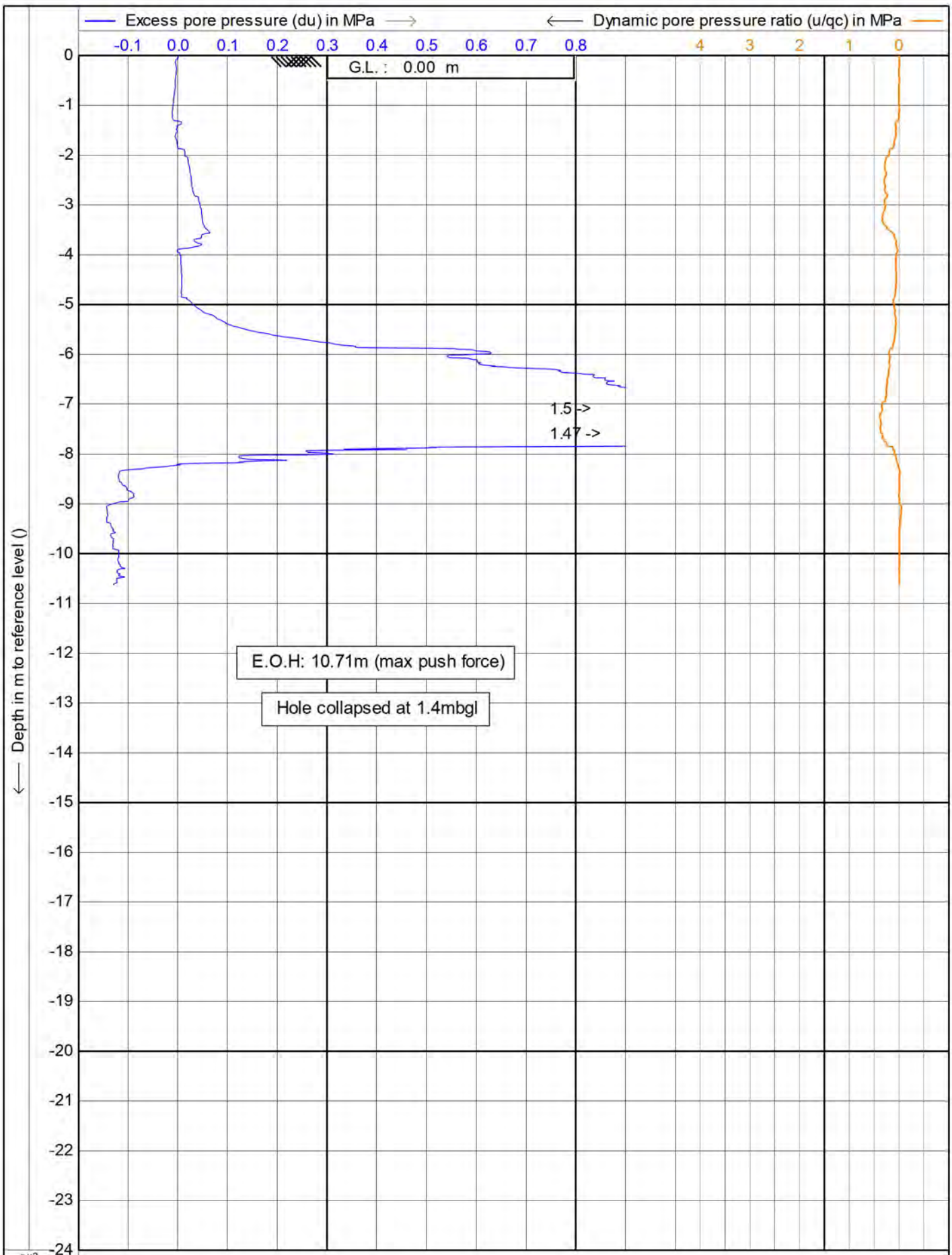
Position: 174.96422, -37.03468 WGS 84

Date : 21/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

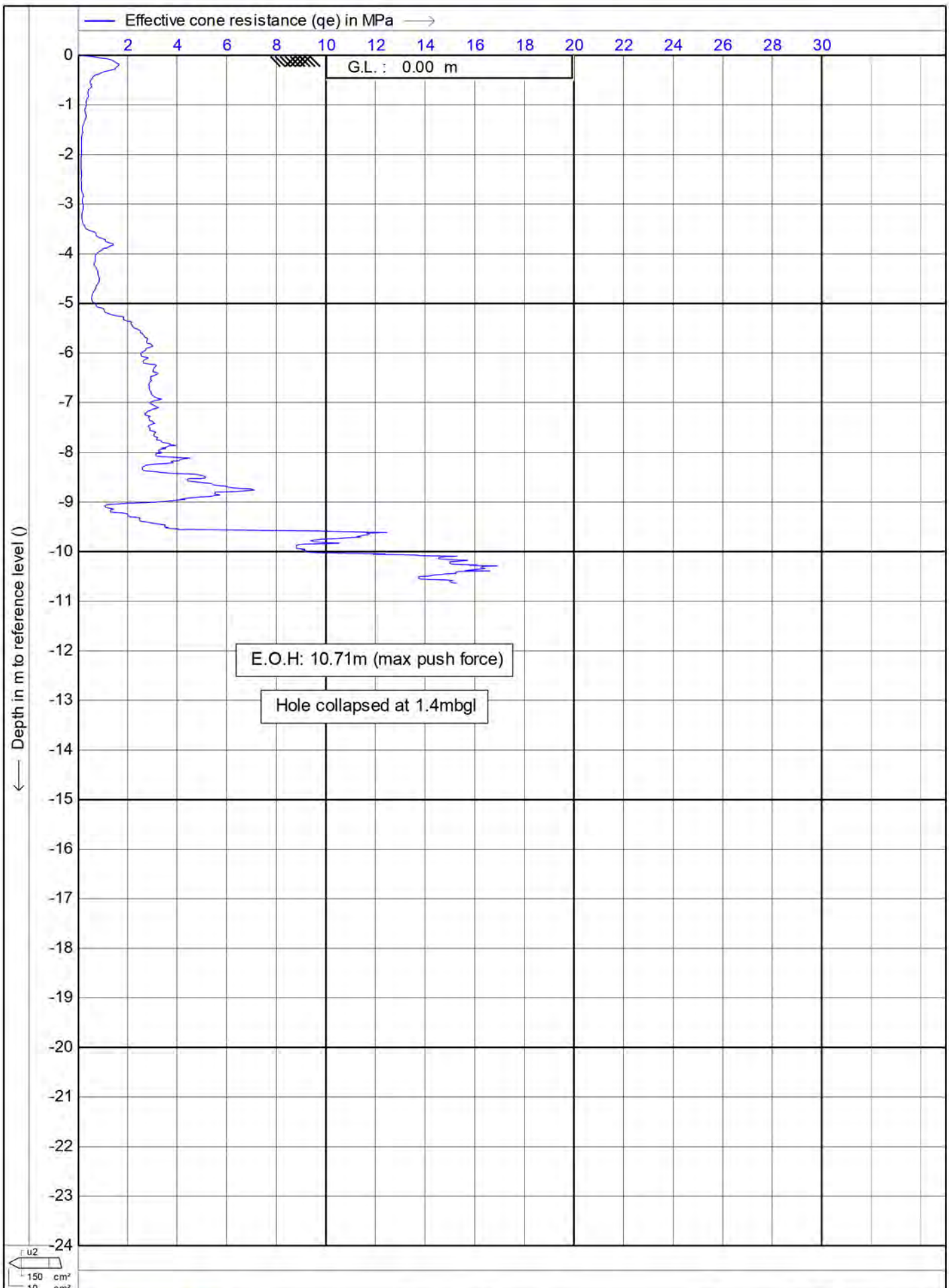
CPT no. : **CPT\_16** 3/15



Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.96422, -37.03468 WGS 84

Date : 21/04/2021  
 Cone no. : S10CFIIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_16** 4/15





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

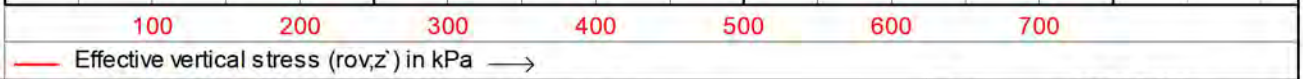
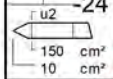
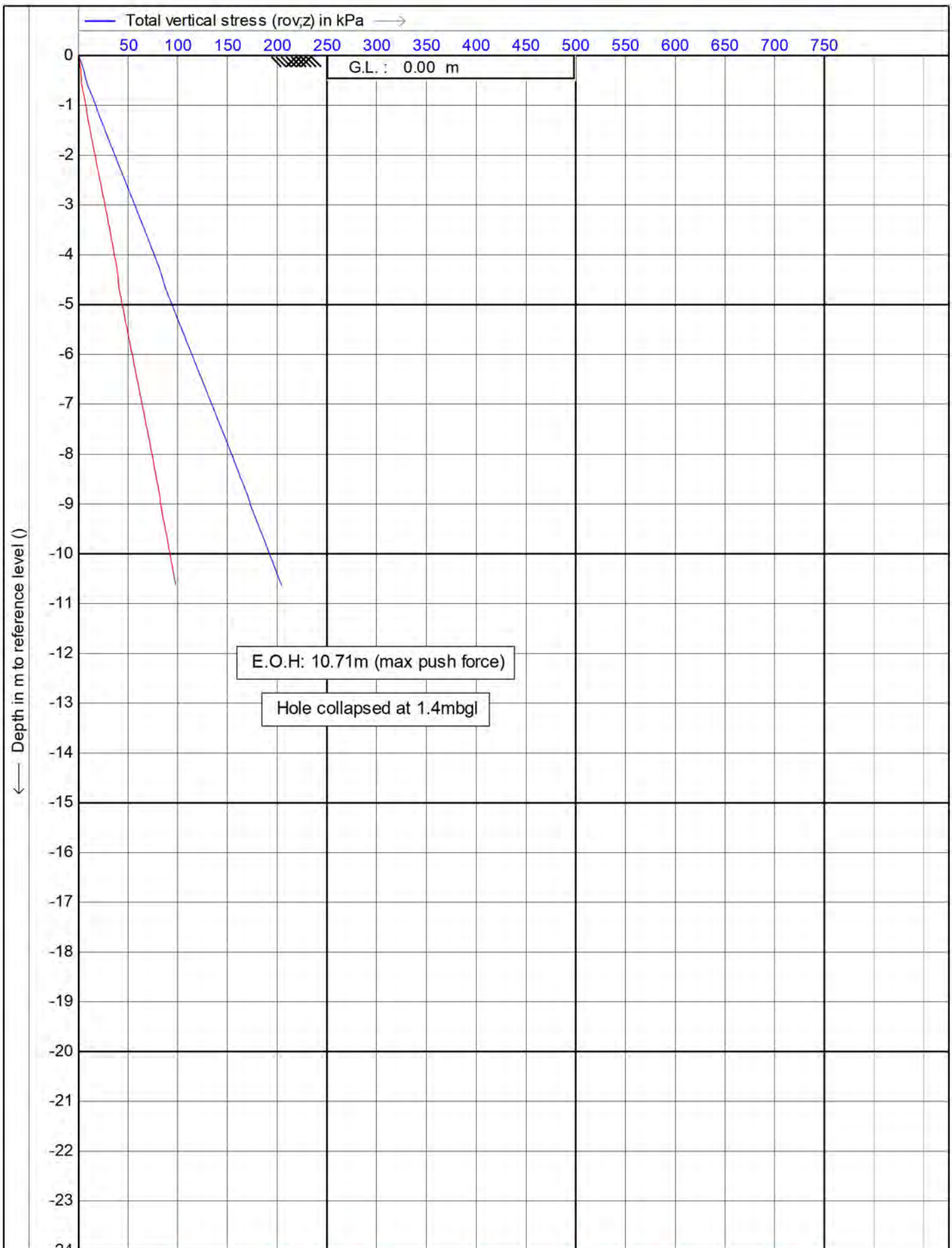
Position: 174.96422, -37.03468 WGS 84

Date : 21/04/2021

Cone no. : S10CFIIP.S16082

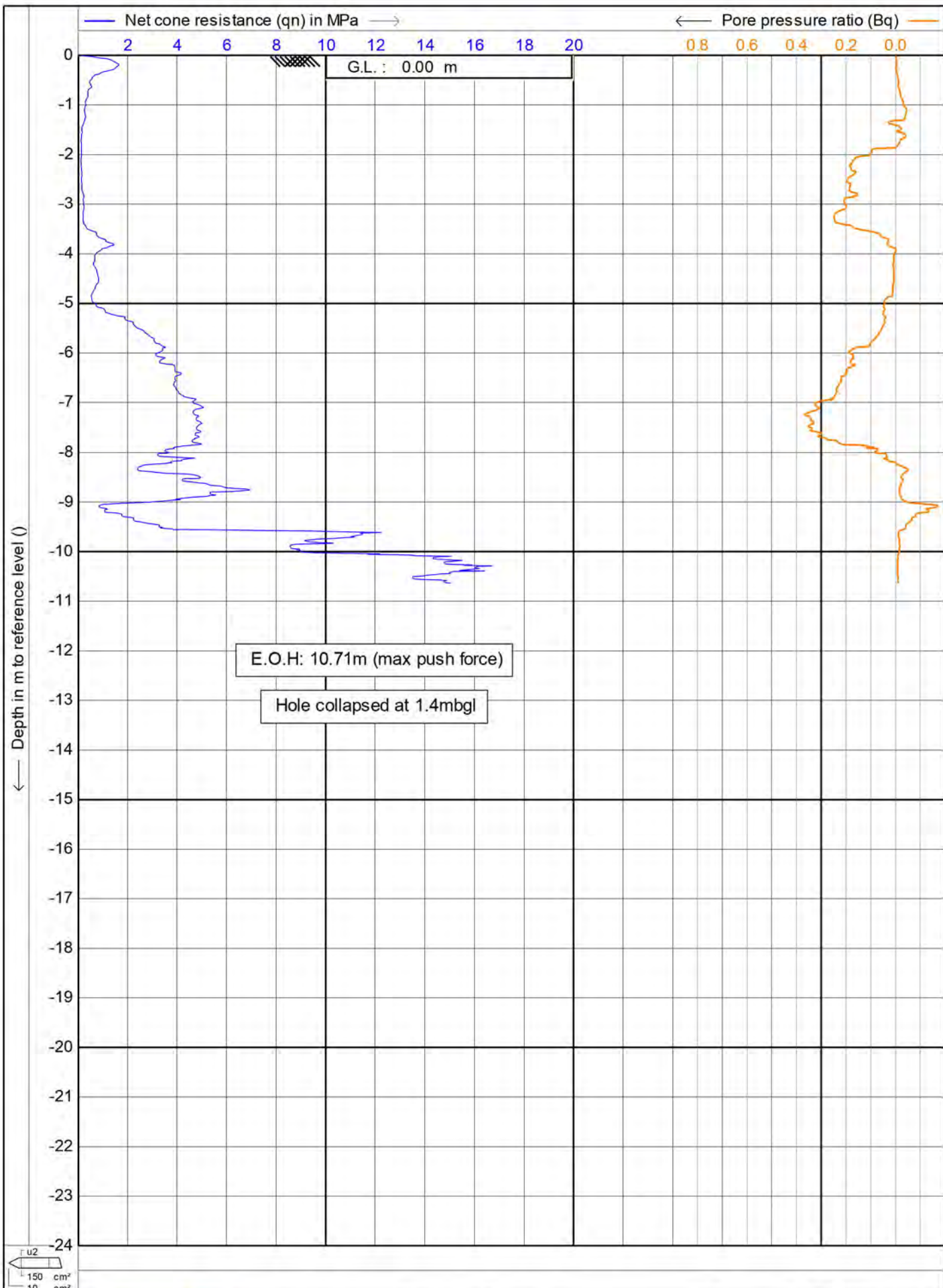
Project no. : **DF21GE034**

CPT no. : **CPT\_16** 5/15



Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.96422, -37.03468 WGS 84

Date : 21/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_16** 6/15



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.96422, -37.03468 WGS 84

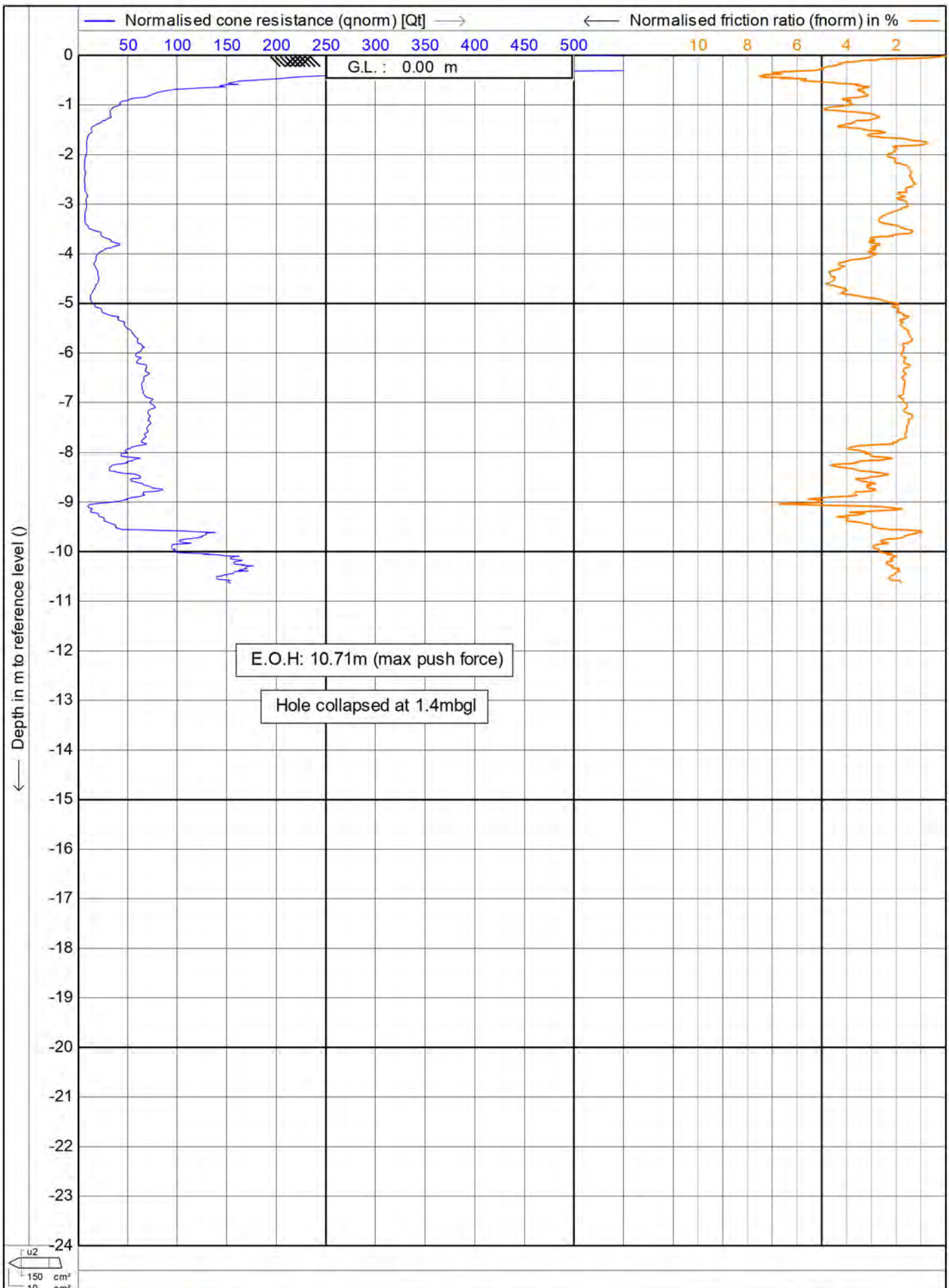
Date : 21/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

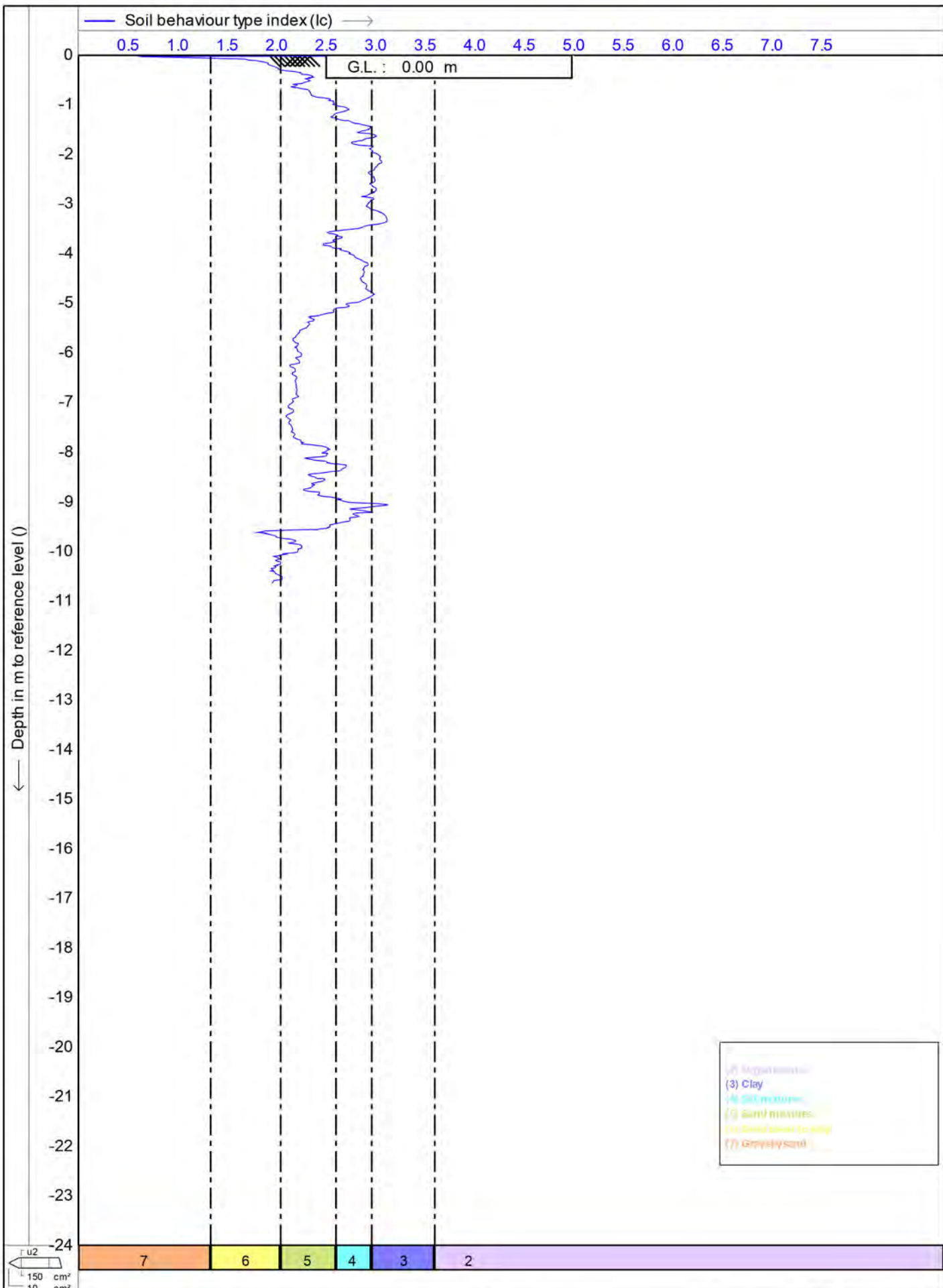
CPT no. : **CPT\_16** 7/15





Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.96422, -37.03468 WGS 84

Date : 21/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_16** 8/15



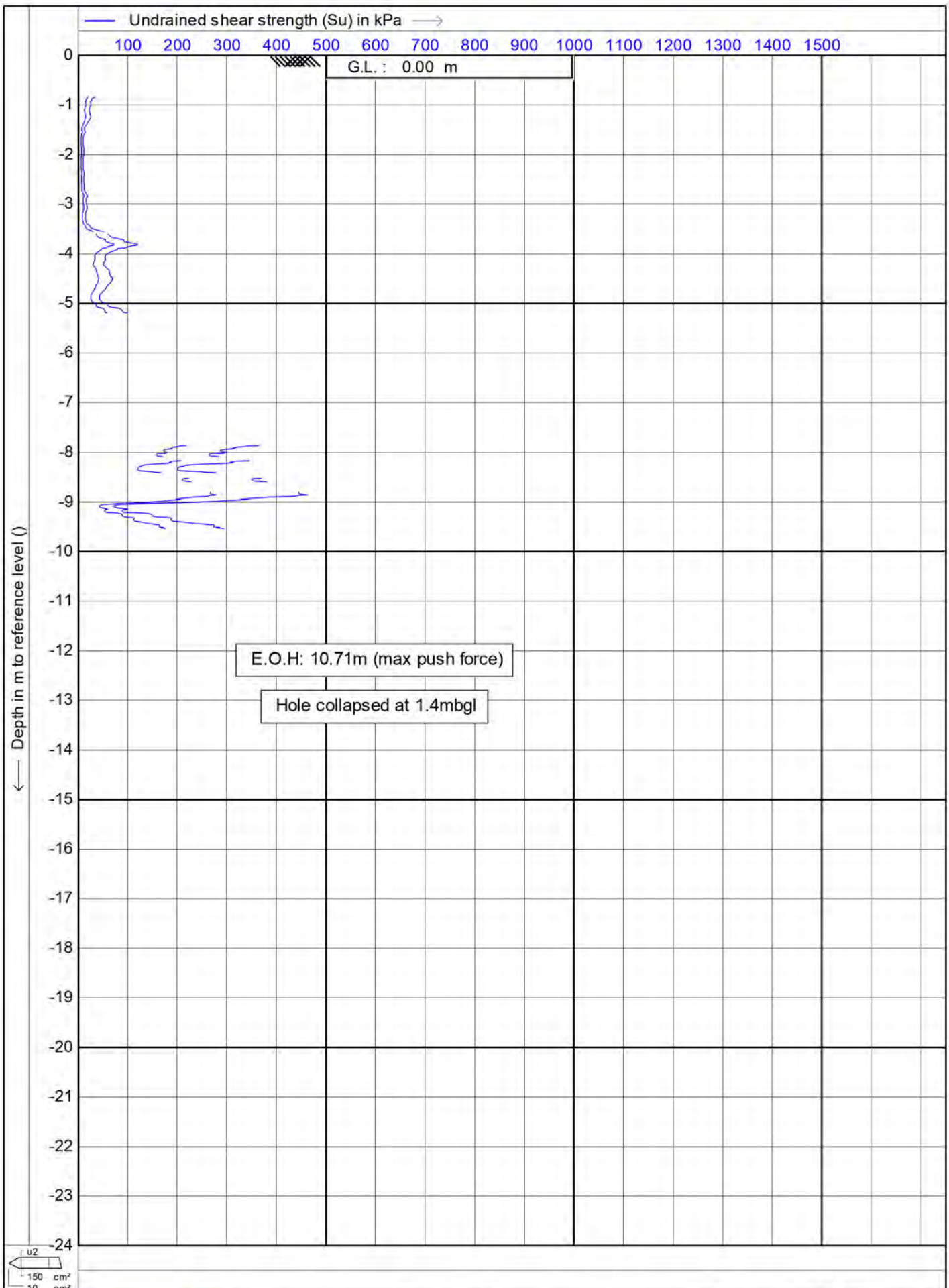
150 cm<sup>2</sup>  
10 cm<sup>2</sup>

- (2) Argillaceous
- (3) Clay
- (4) Silty mixture
- (5) Sand mixture
- (6) Sand silt to clay
- (7) Gravelly sand



Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.96422, -37.03468 WGS 84

Date : 21/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_16** 9/15



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.96422, -37.03468 WGS 84

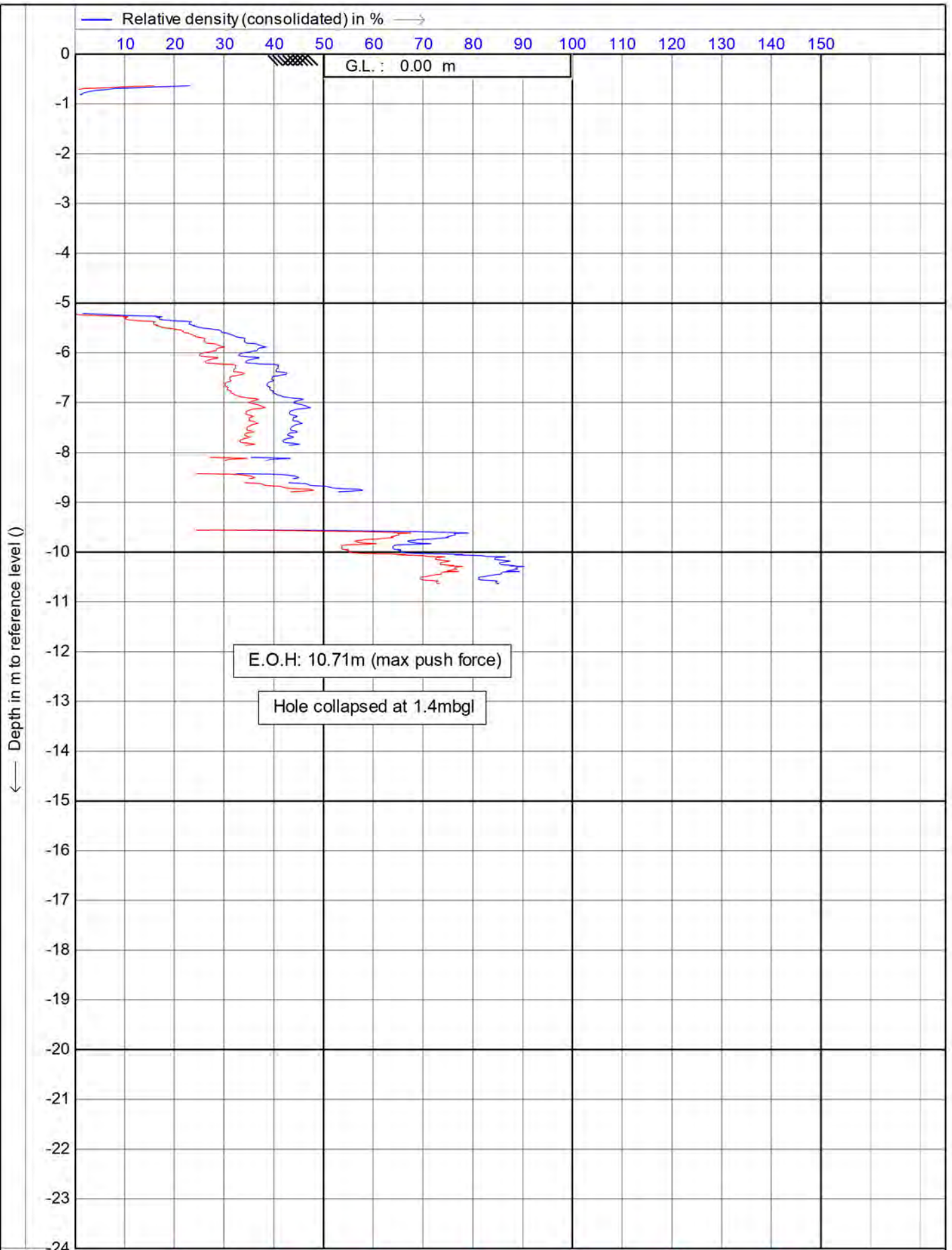
Date : 21/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_16** 10/15





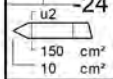
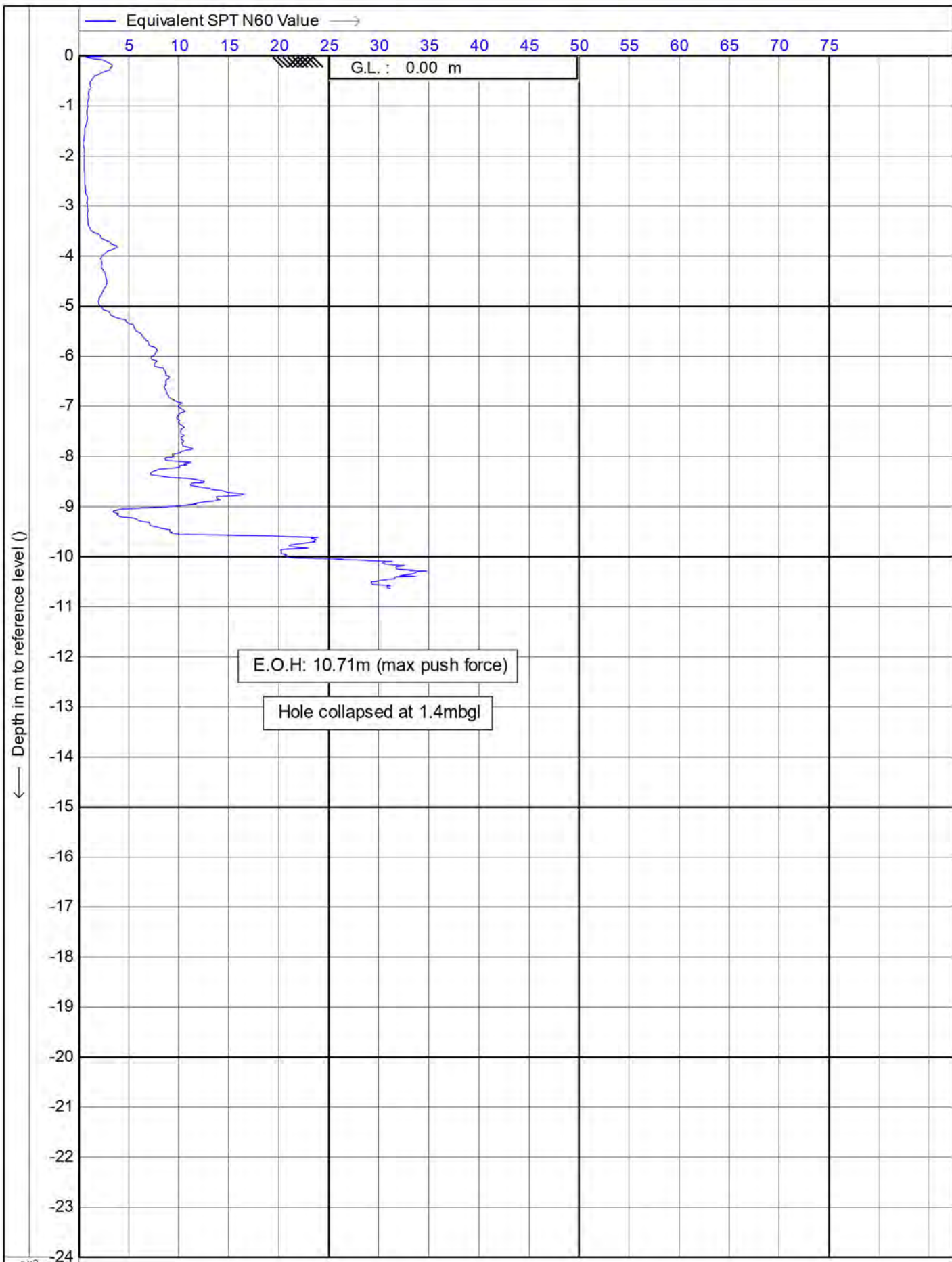
150 cm<sup>2</sup>  
10 cm<sup>2</sup>

Relative density (over-consolidated) in % →



Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.96422, -37.03468 WGS 84

Date : 21/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_16** 11/15



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

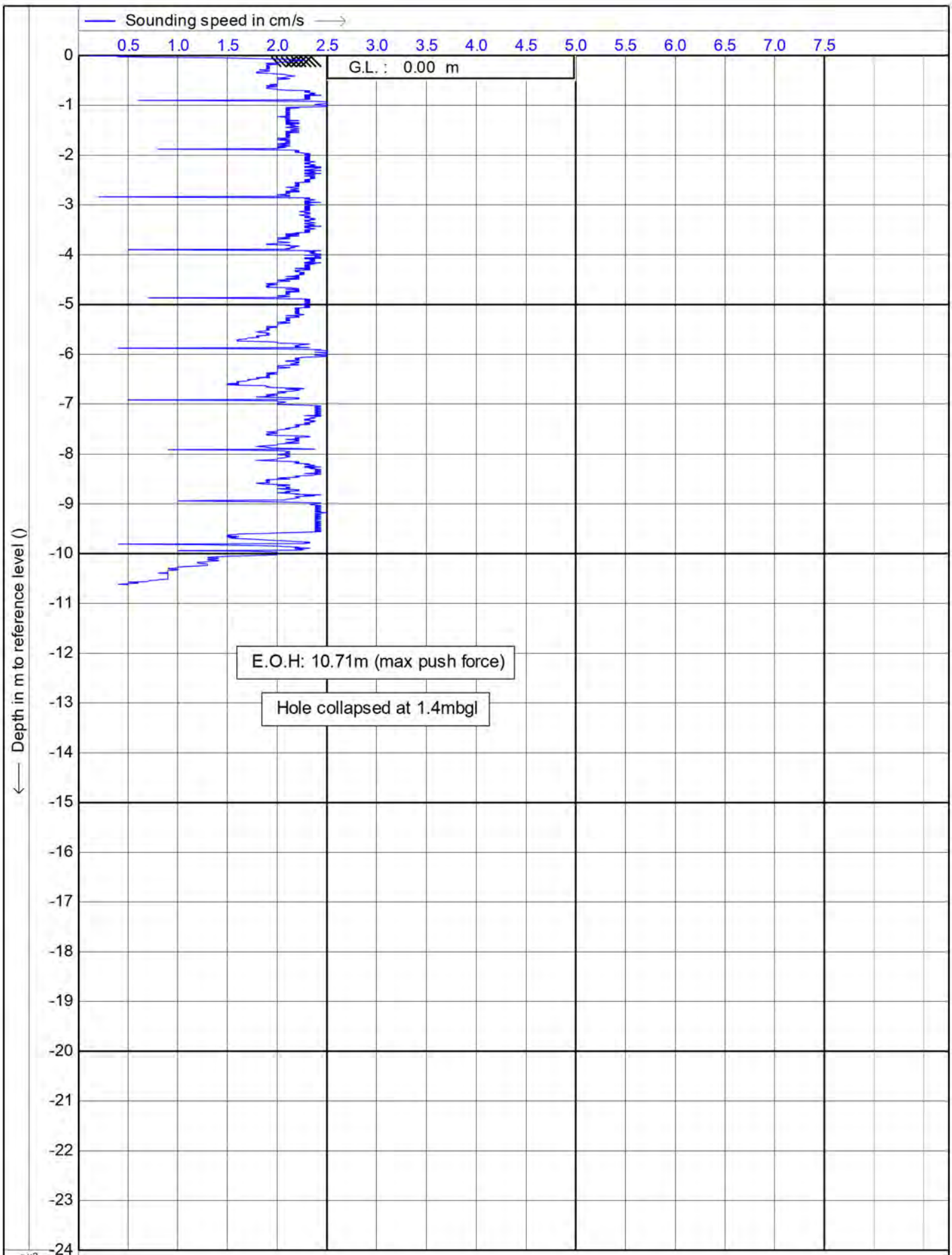
Position: 174.96422, -37.03468 WGS 84

Date : 21/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_16** 12/15



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.96422, -37.03468 WGS 84

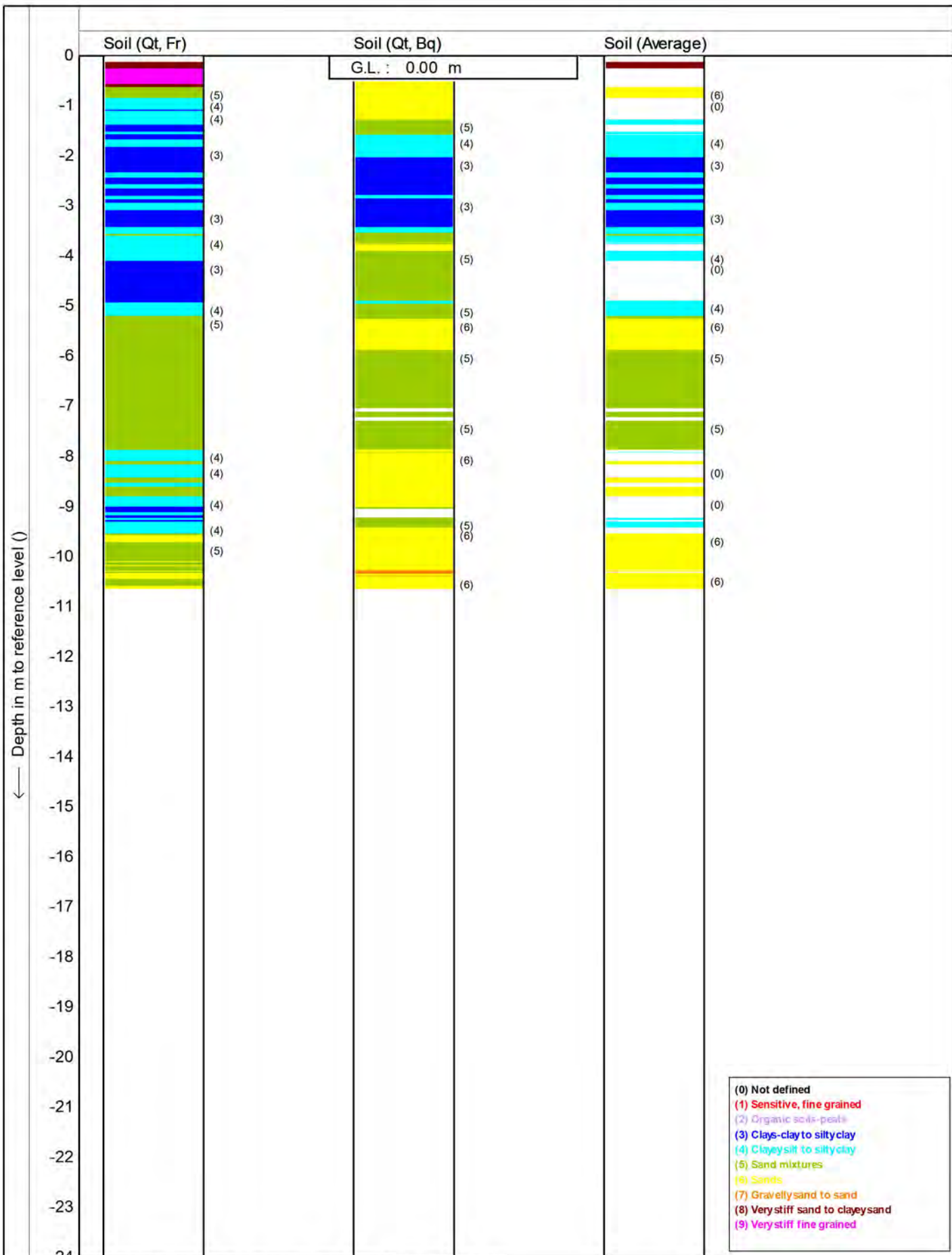
Date : 21/04/2021

Cone no. : S10CFIIP.S16082

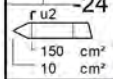
Project no. : **DF21GE034**

CPT no. : **CPT\_16** 13/15



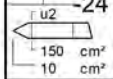
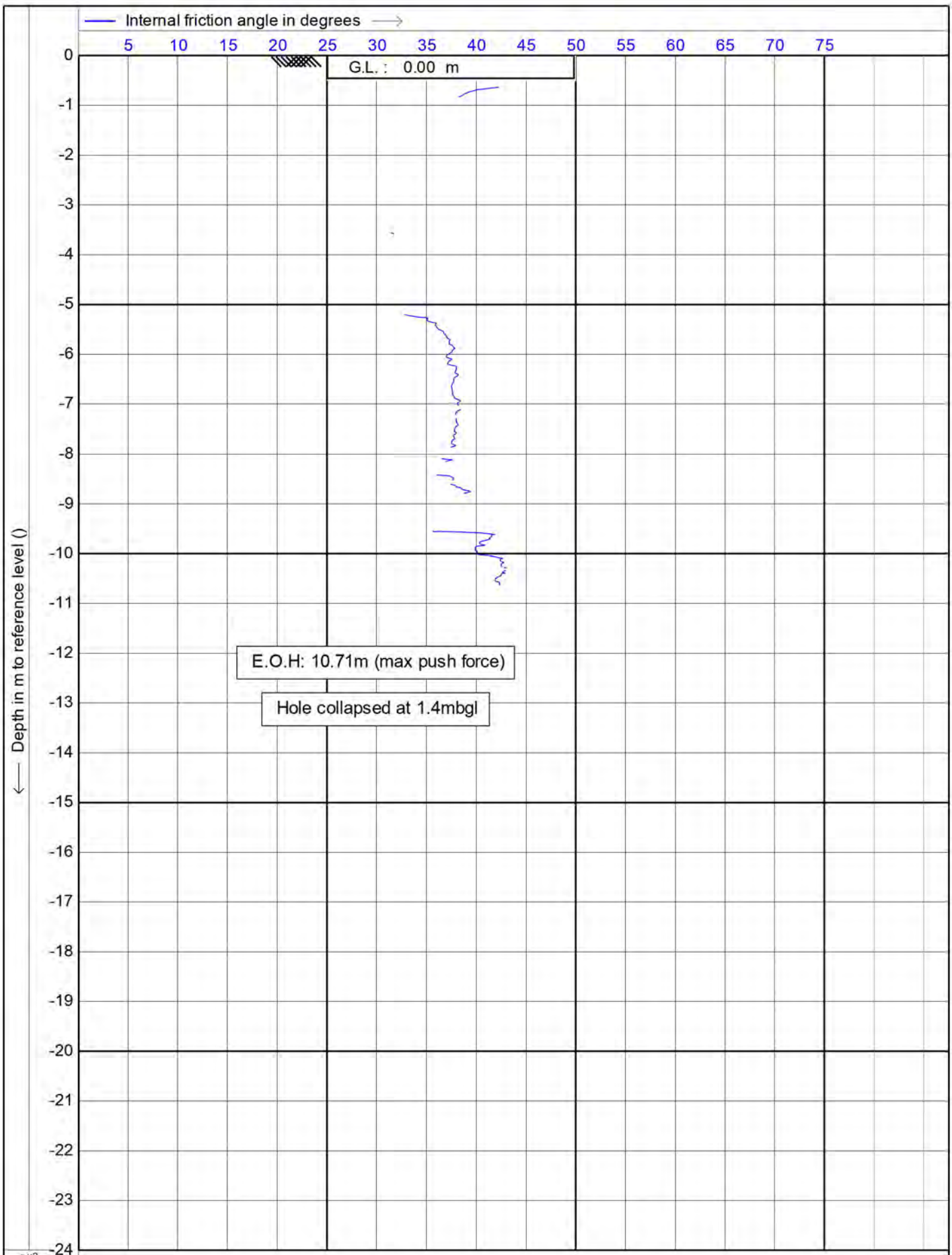


- (0) Not defined
- (1) Sensitive, fine grained
- (2) Organic soils-peats
- (3) Clays-clay to siltyclay
- (4) Clayesilt to siltyclay
- (5) Sand mixtures
- (6) Sands
- (7) Gravelly sand to sand
- (8) Very stiff sand to clayesand
- (9) Very stiff fine grained



Soil behaviour type classification after Robertson 1990

	Test acc NZ class	Date : 21/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : DF21GE034
	Position: 174.96422, -37.03468 WGS 84	CPT no. : CPT_16 14/15



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.96422, -37.03468 WGS 84

Date : 21/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_16** 15/15

Test number 1

U<sub>begin</sub> : -0.023 MPa

U<sub>o</sub> : 0.107 MPa

Dynamic pore pressure (u) in kPa



Time in seconds ( Absolute sampling time in seconds: 1 )

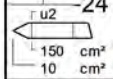
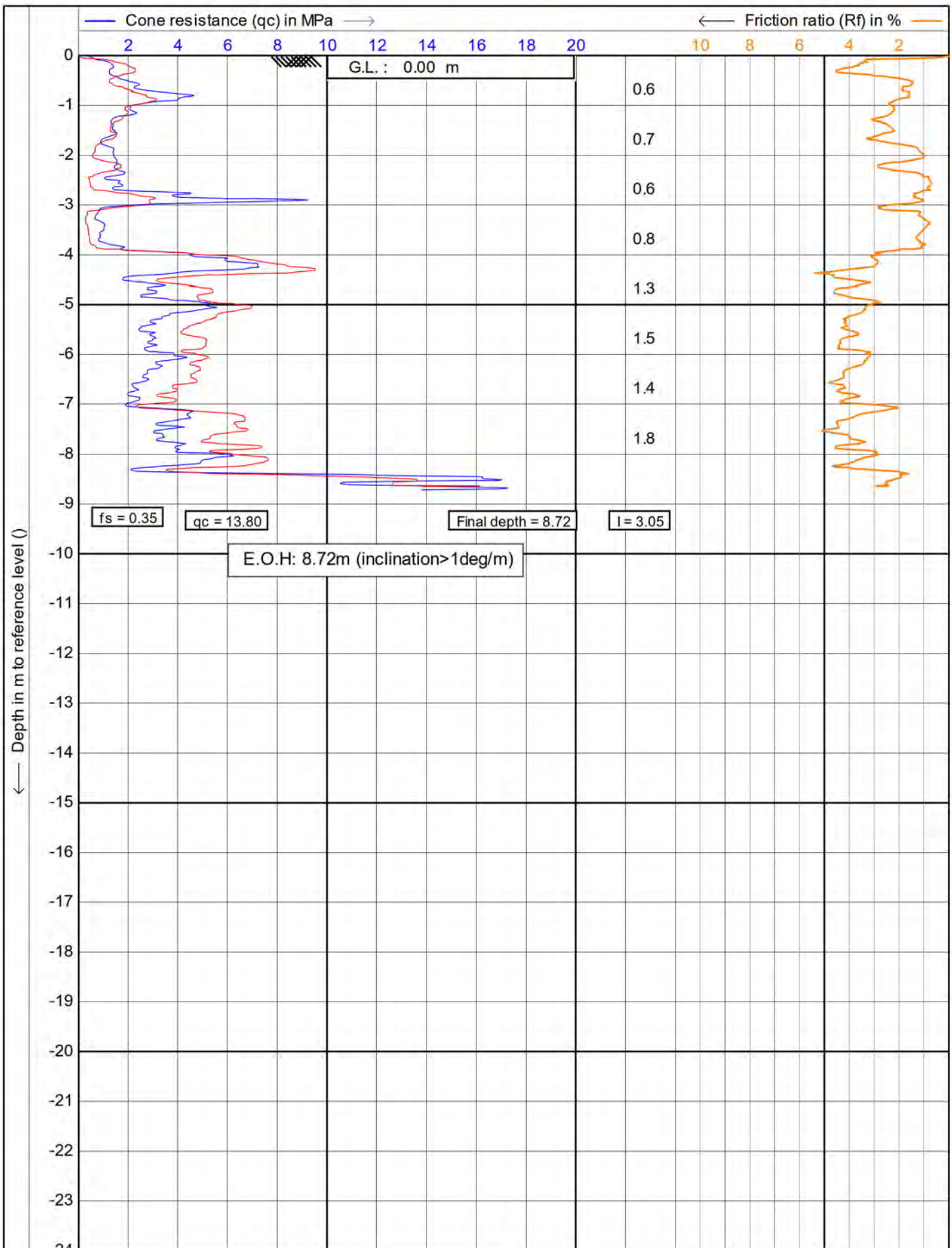
Test acc NZ class



Project : Hamlin Rd  
Location : Hamlin Rd, Ardmore

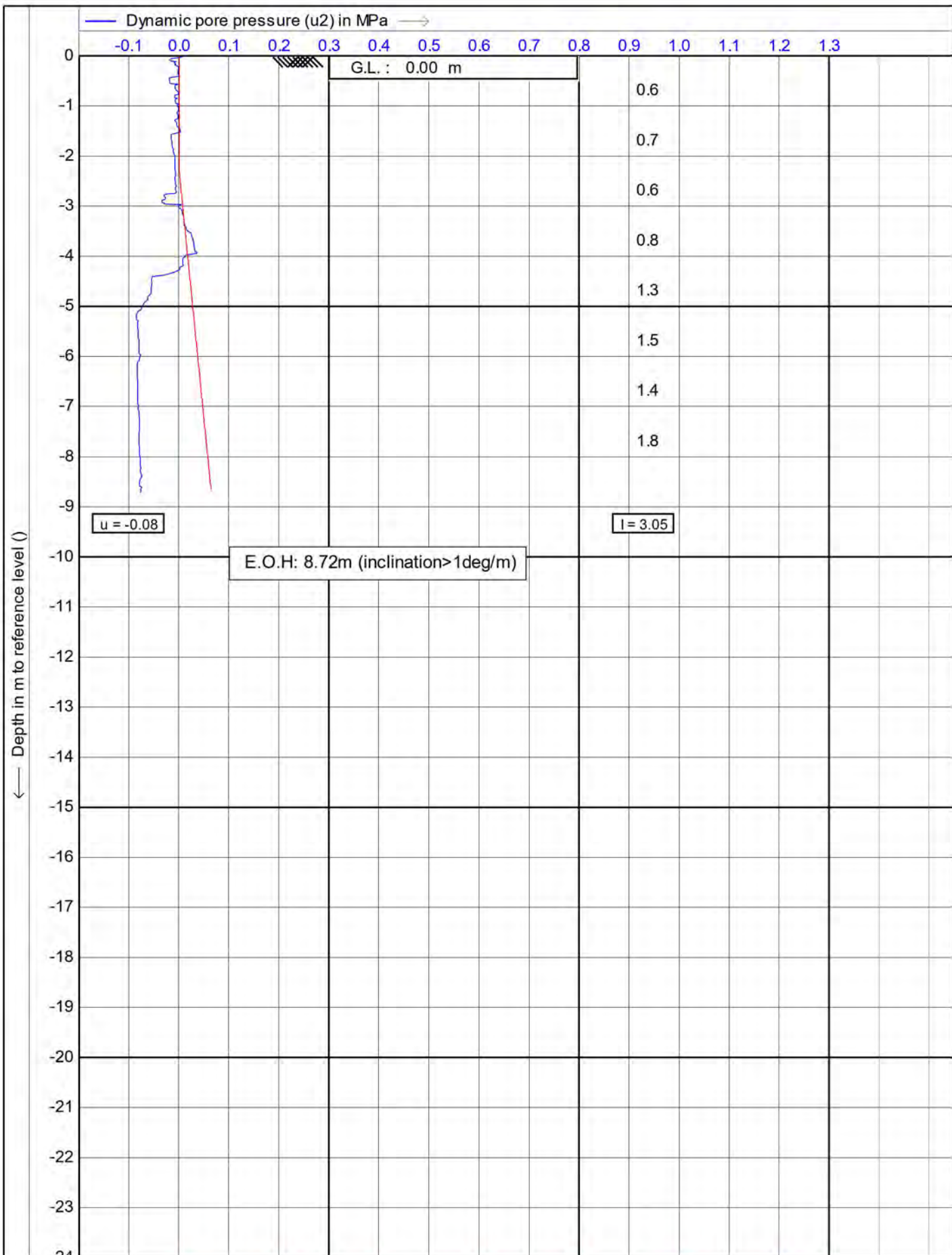
Date : 21/04/2021  
Project no. : DF21GE034  
CPT no. : CPT\_16  
Test depth : 10.71 [m] - G.L.  
Water level : 0.00 [m] - G.L.





Test according NEN 5140 class 1  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.960013, -37.035944 WGS 84

Date : 21/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_17** 1/15



150 cm<sup>2</sup>  
10 cm<sup>2</sup>

Equilibrium pore pressure (u0) in MPa →

Inclination (I) in degr



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

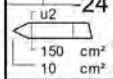
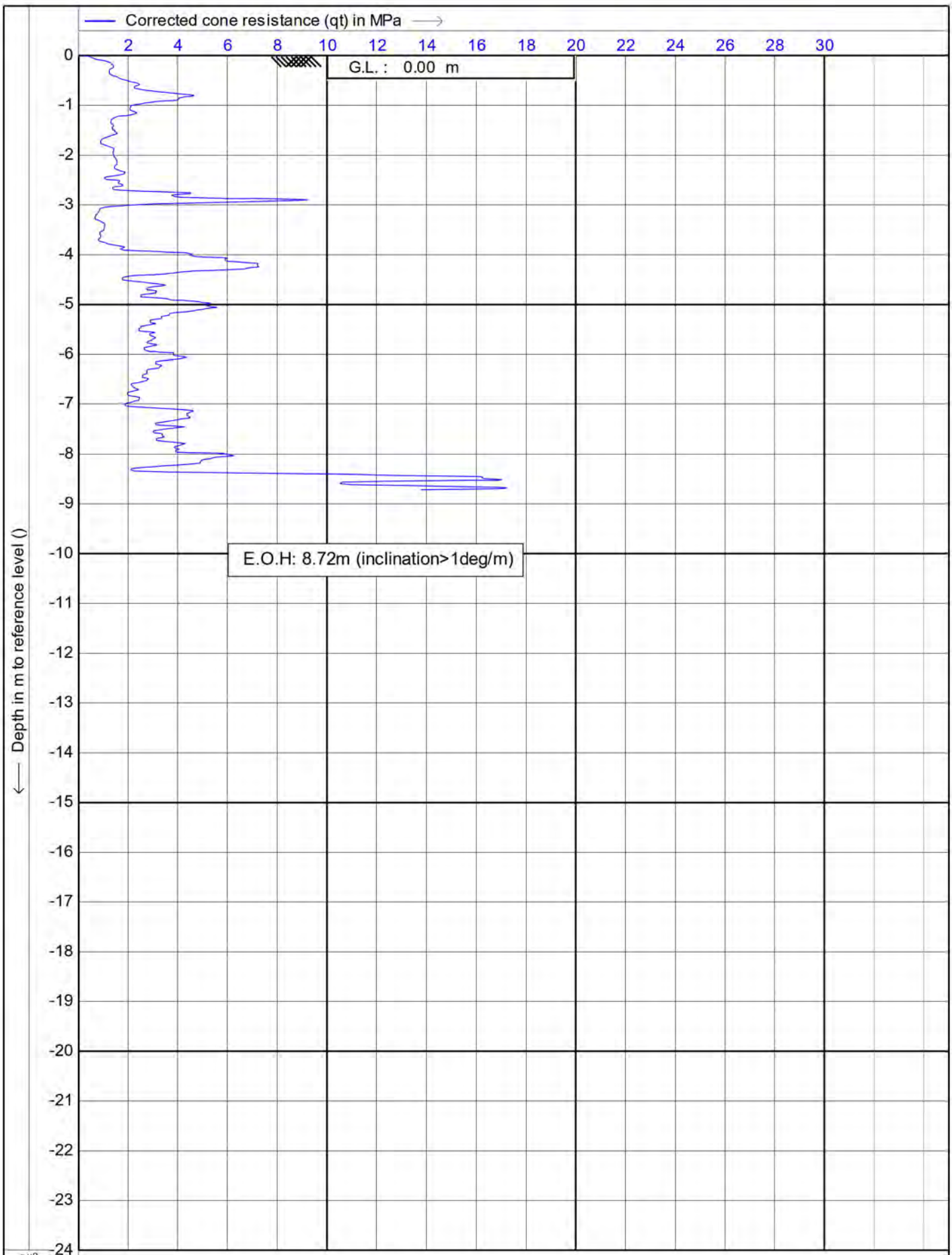
Position: 174.960013, -37.035944 WGS 84

Date : 21/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_17** 2/15



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.960013, -37.035944 WGS 84**

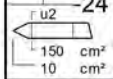
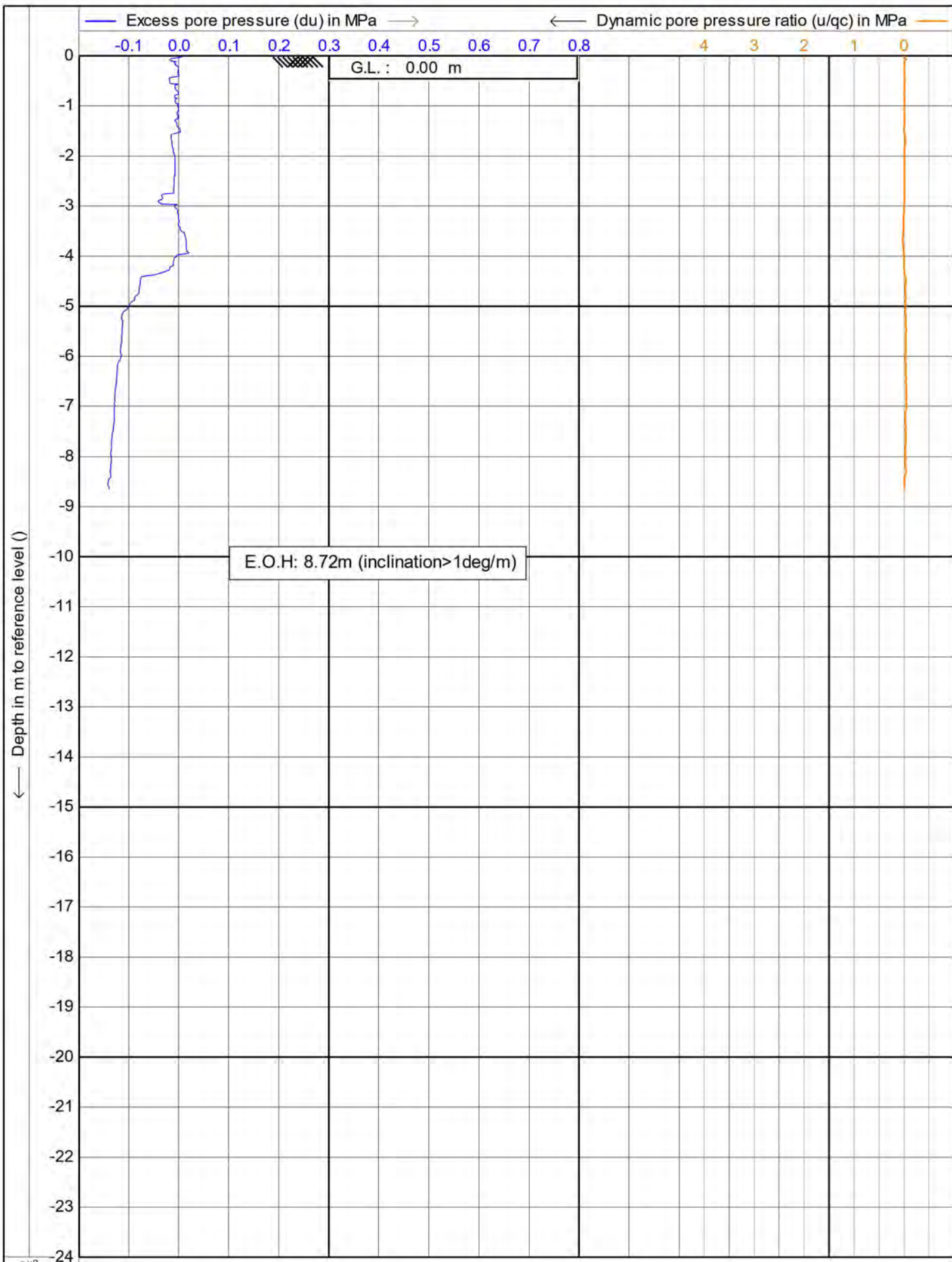
Date : **21/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_17 3/15**





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

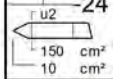
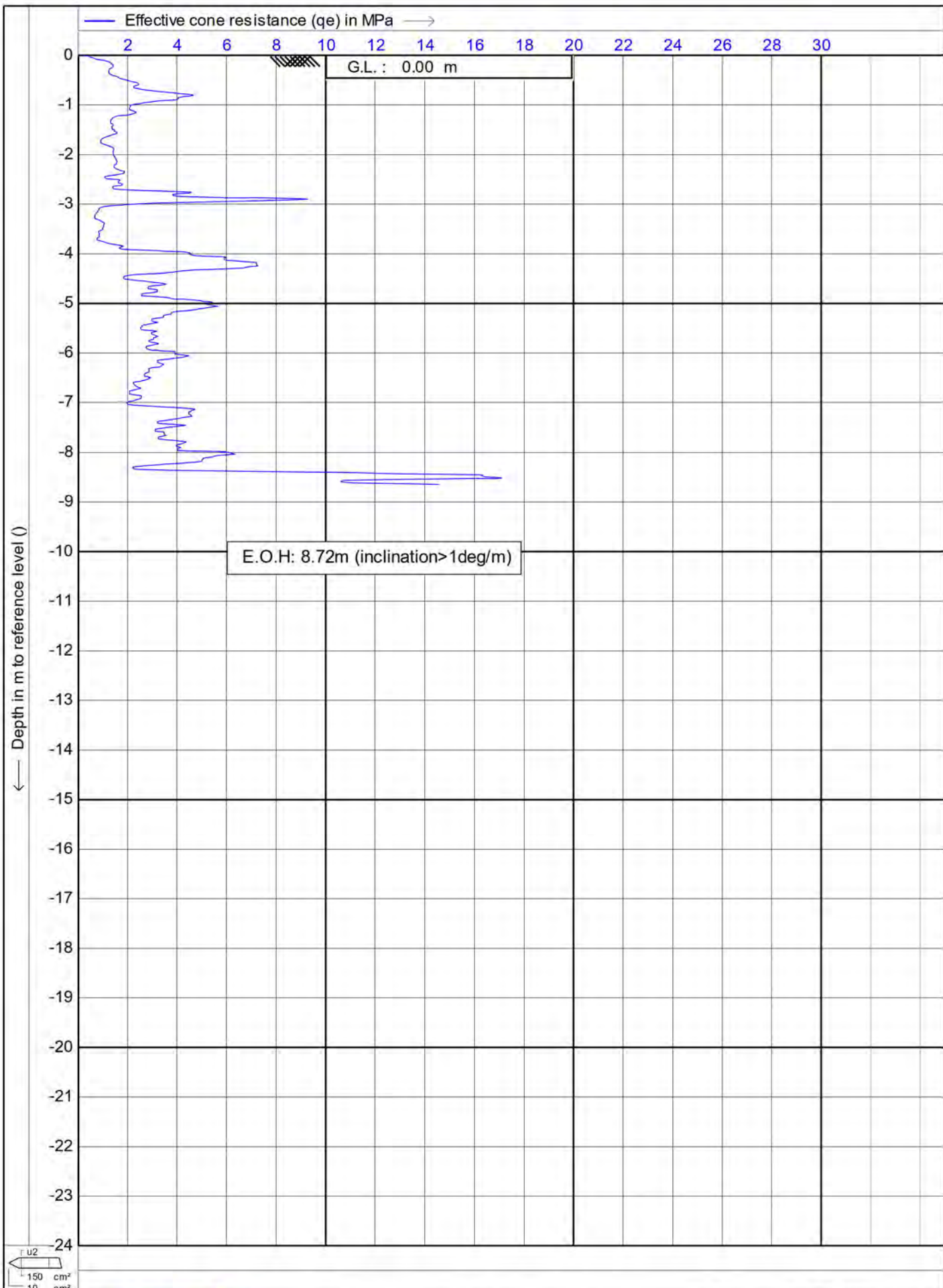
Position: **174.960013, -37.035944 WGS 84**

Date : **21/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_17 4/15**



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

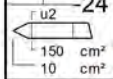
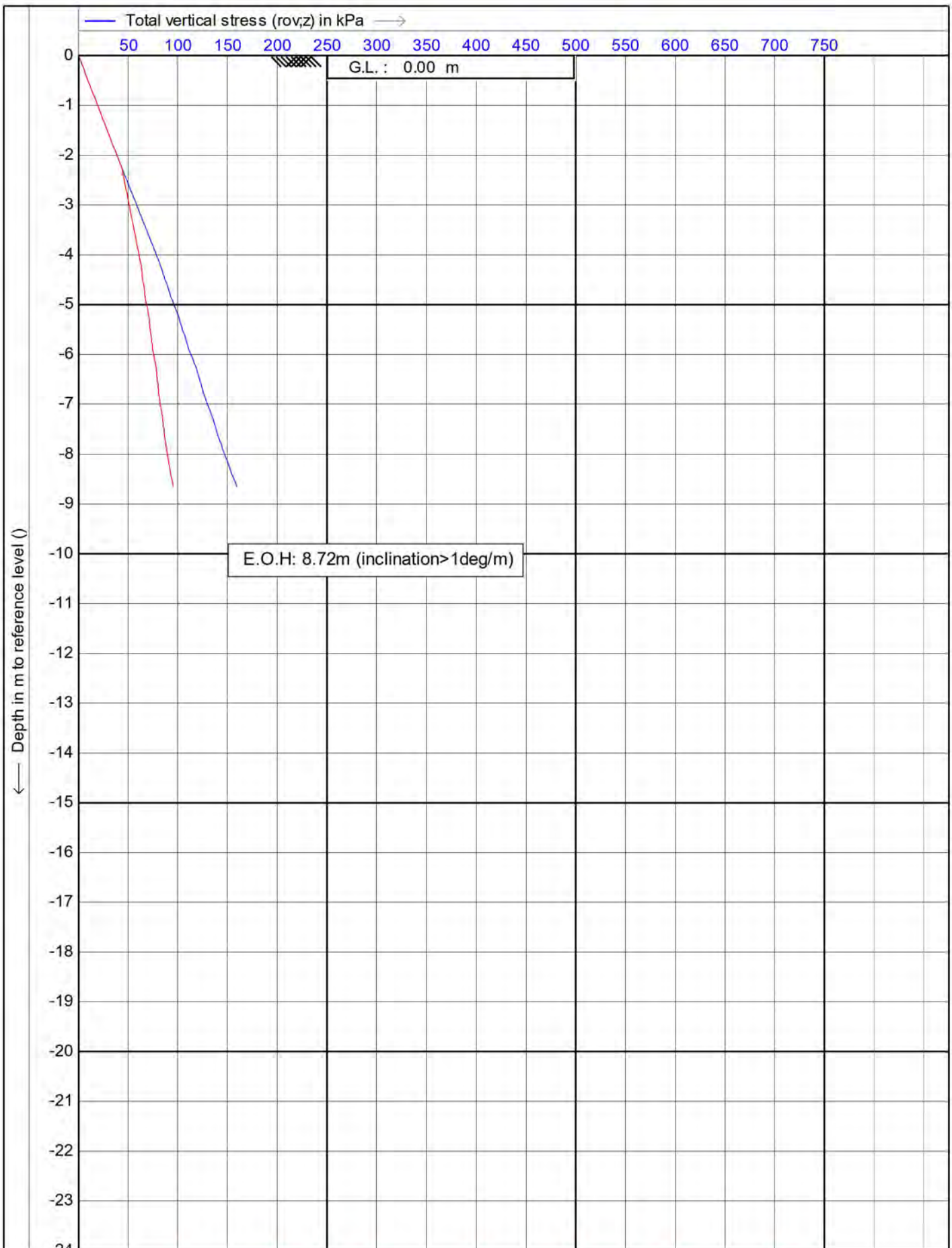
Position: **174.960013, -37.035944 WGS 84**

Date : **21/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_17** 5/15



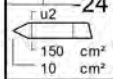
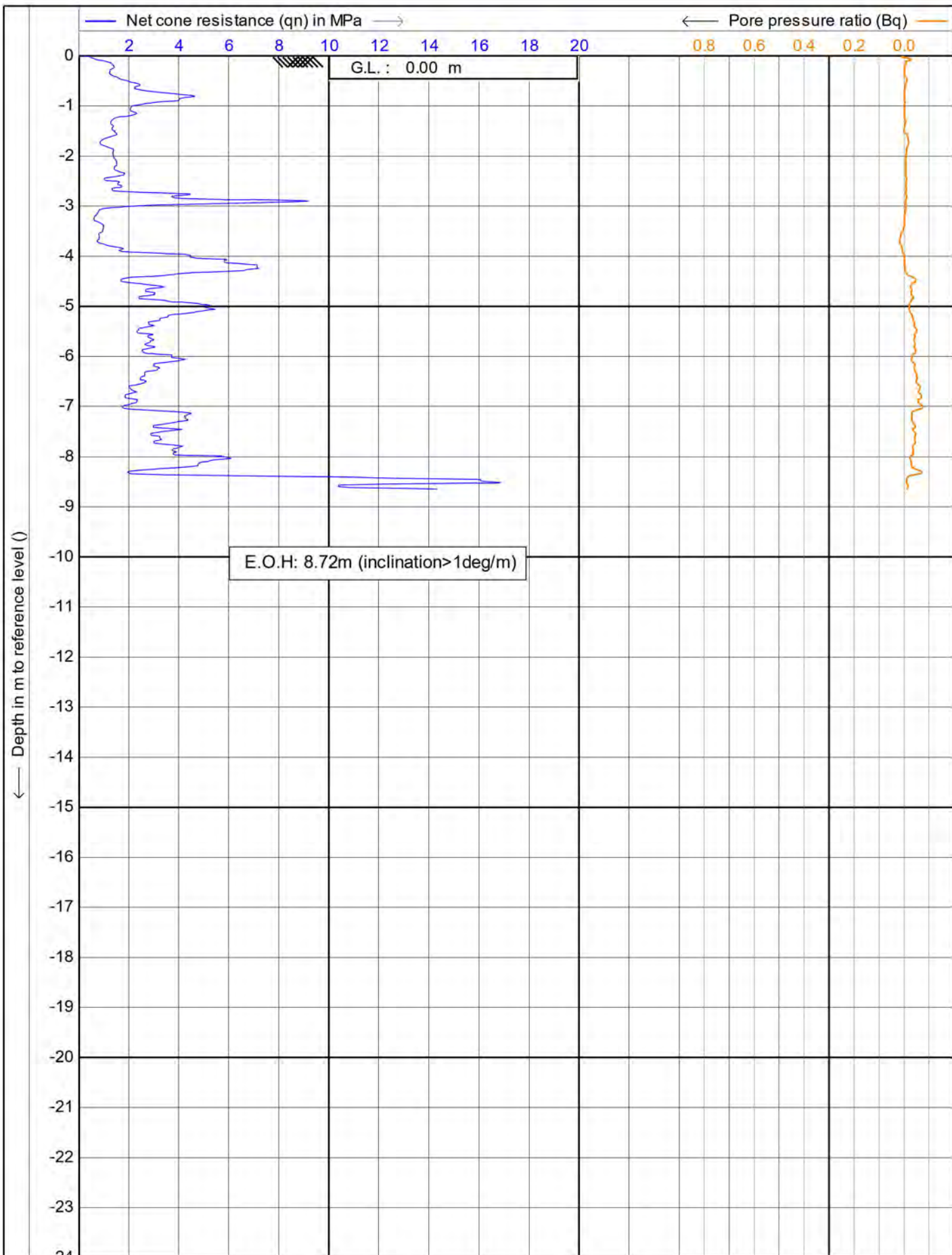
Effective vertical stress (rov,z) in kPa →



Test according NEN 5140 class 1  
 Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.960013, -37.035944 WGS 84**

Date : **21/04/2021**  
 Cone no. : **S10CFIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_17** 6/15





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

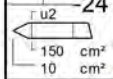
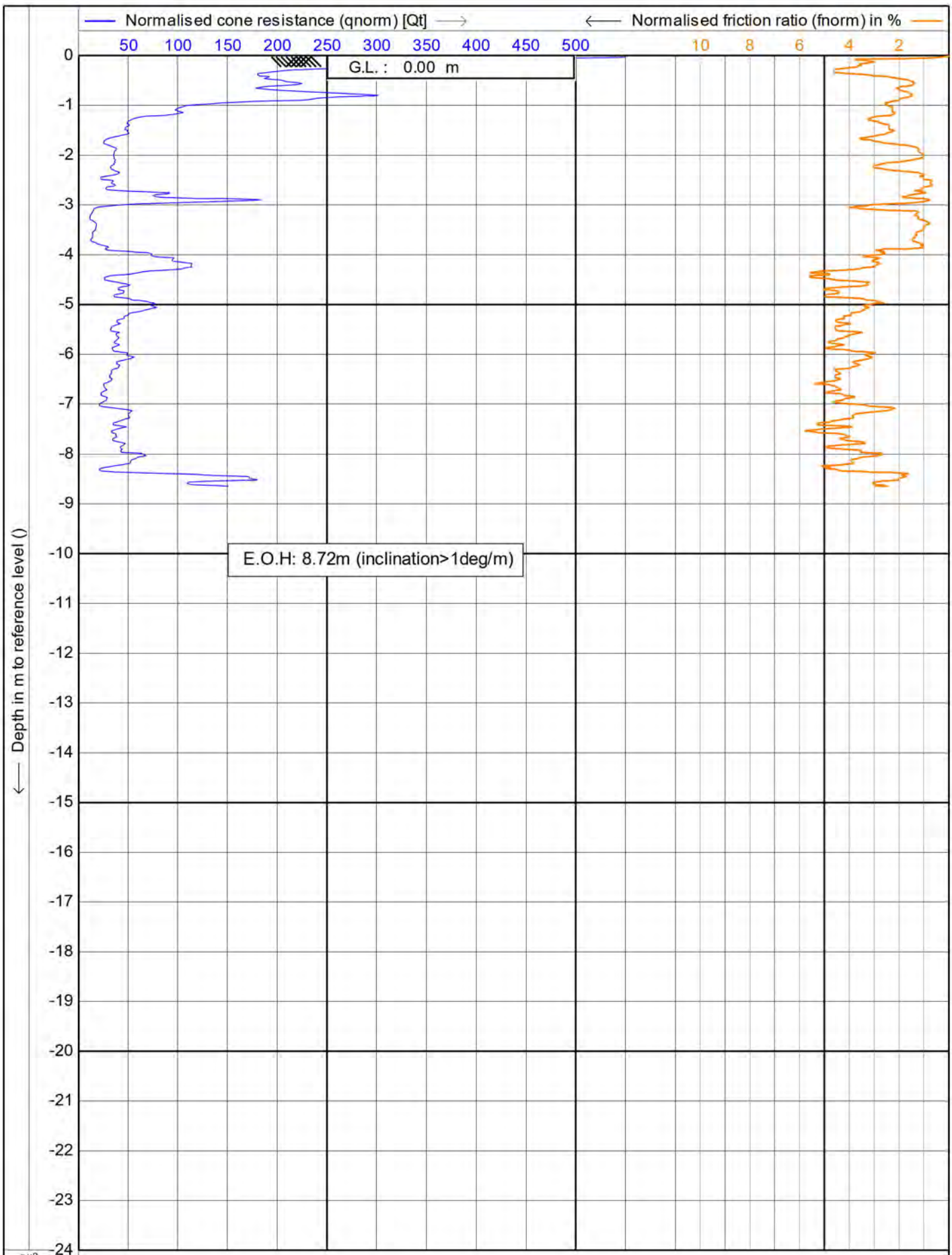
Position: **174.960013, -37.035944 WGS 84**

Date : **21/04/2021**

Cone no. : **S10CFIIP.S16082**

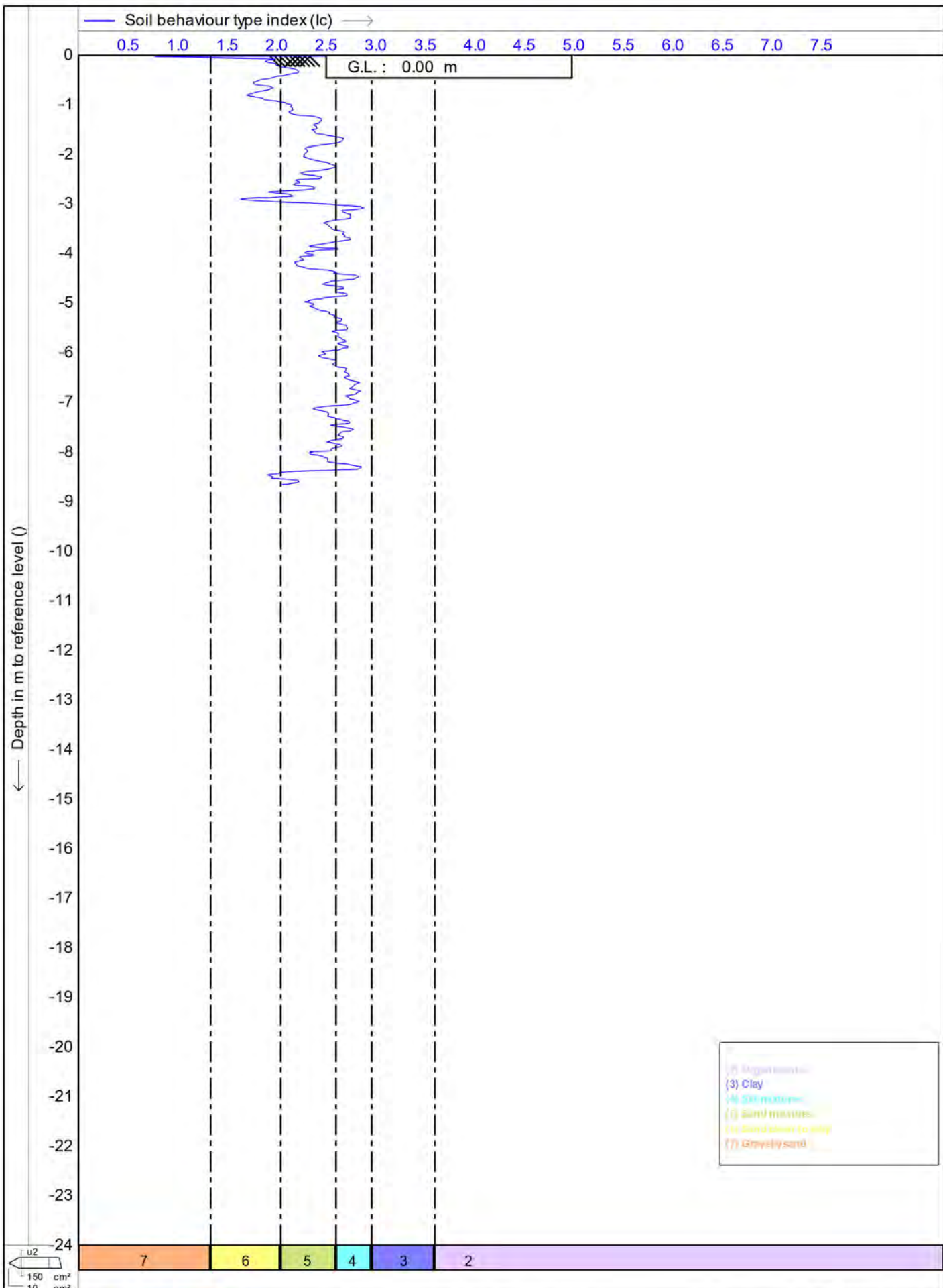
Project no. : **DF21GE034**

CPT no. : **CPT\_17** 7/15



Test according NEN 5140 class 1  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.960013, -37.035944 WGS 84

Date : 21/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_17 8/15



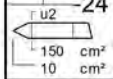
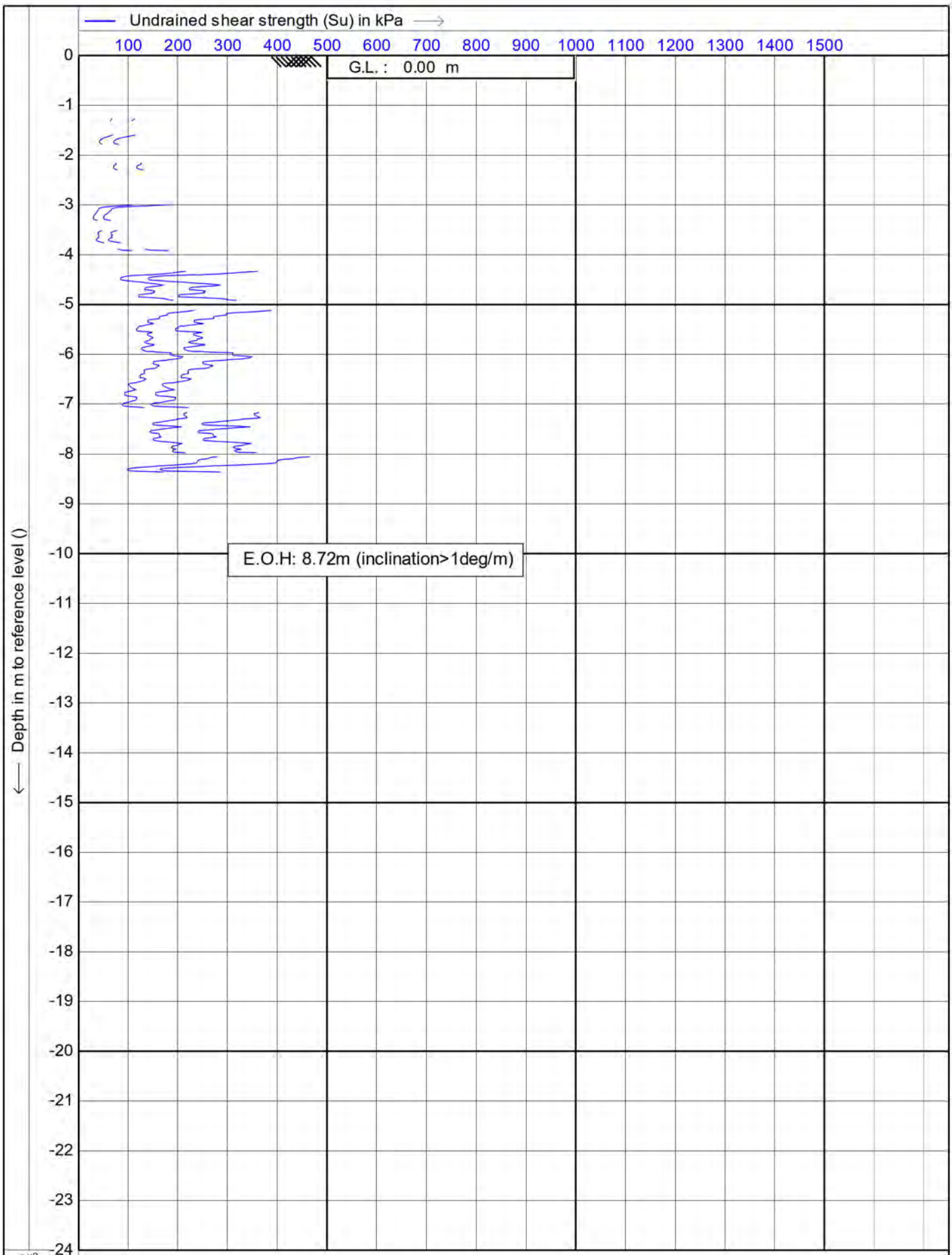
$\Gamma_{u2}$   
 150 cm<sup>2</sup>  
 10 cm<sup>2</sup>



Test according NEN 5140 class 1  
 Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.960013, -37.035944 WGS 84**

Date : **21/04/2021**  
 Cone no. : **S10CFIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_17** 9/15





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

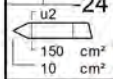
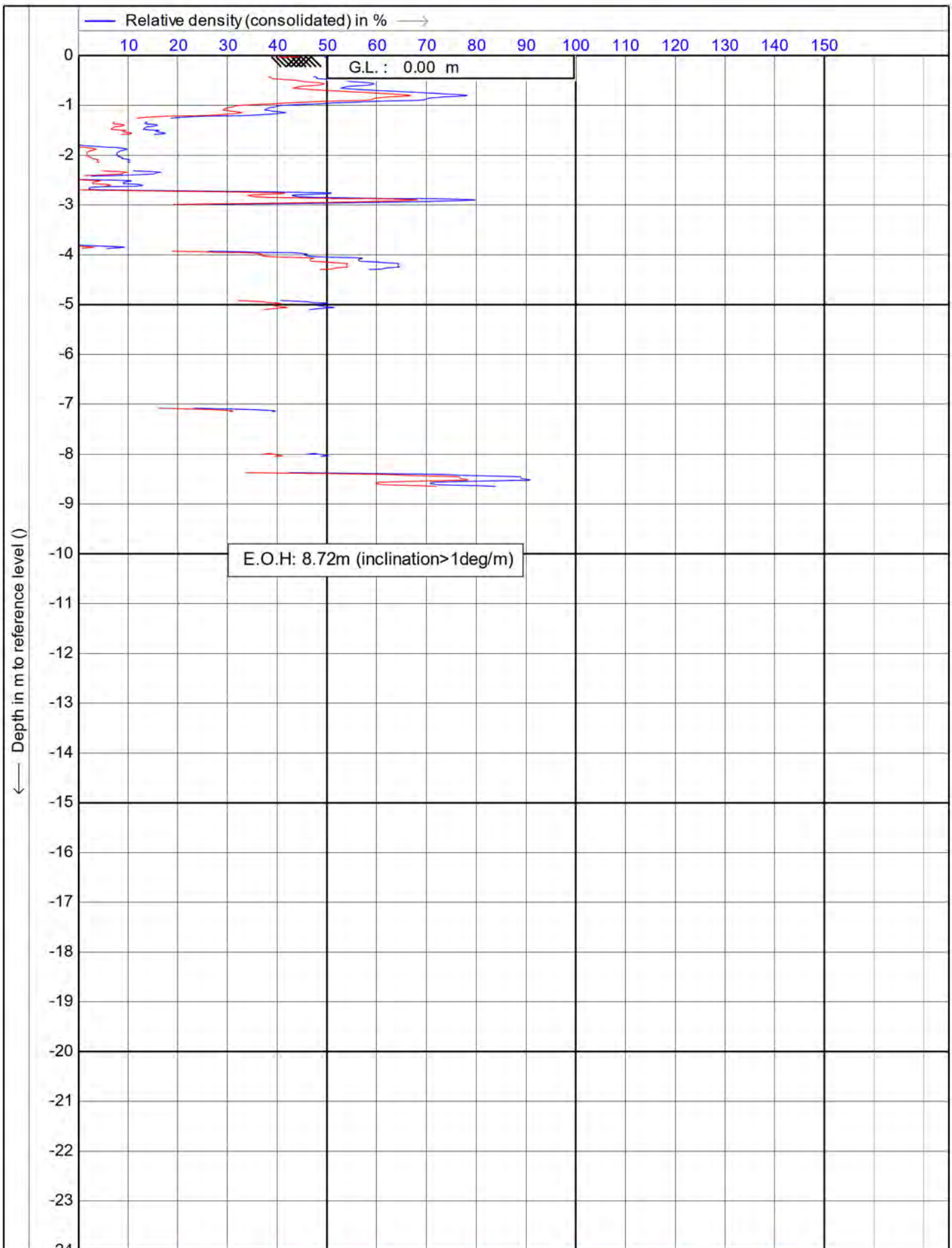
Position: **174.960013, -37.035944 WGS 84**

Date : **21/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_17** 10/15



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

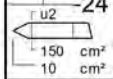
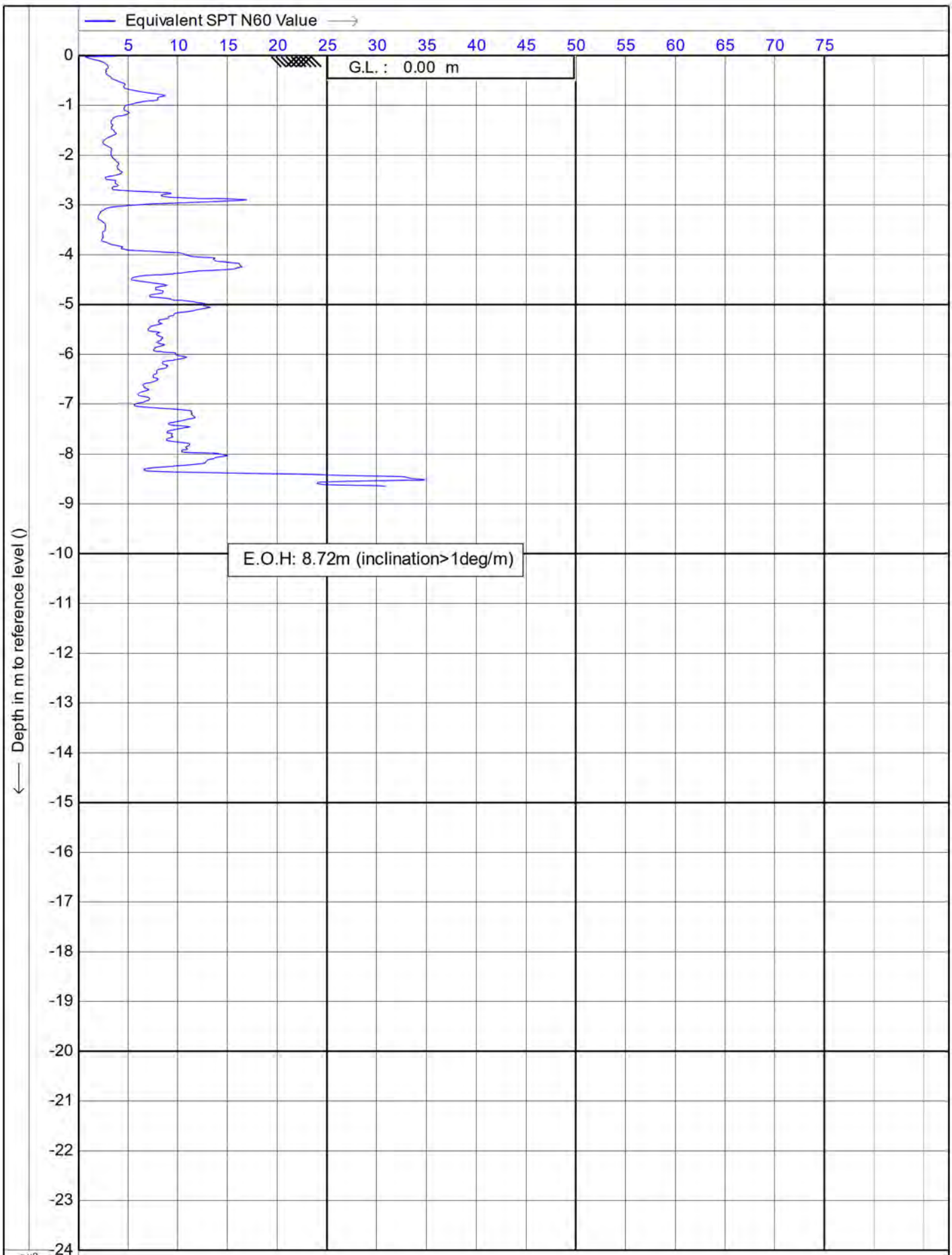
Position: **174.960013, -37.035944 WGS 84**

Date : **21/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_17** 11/15



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.960013, -37.035944 WGS 84**

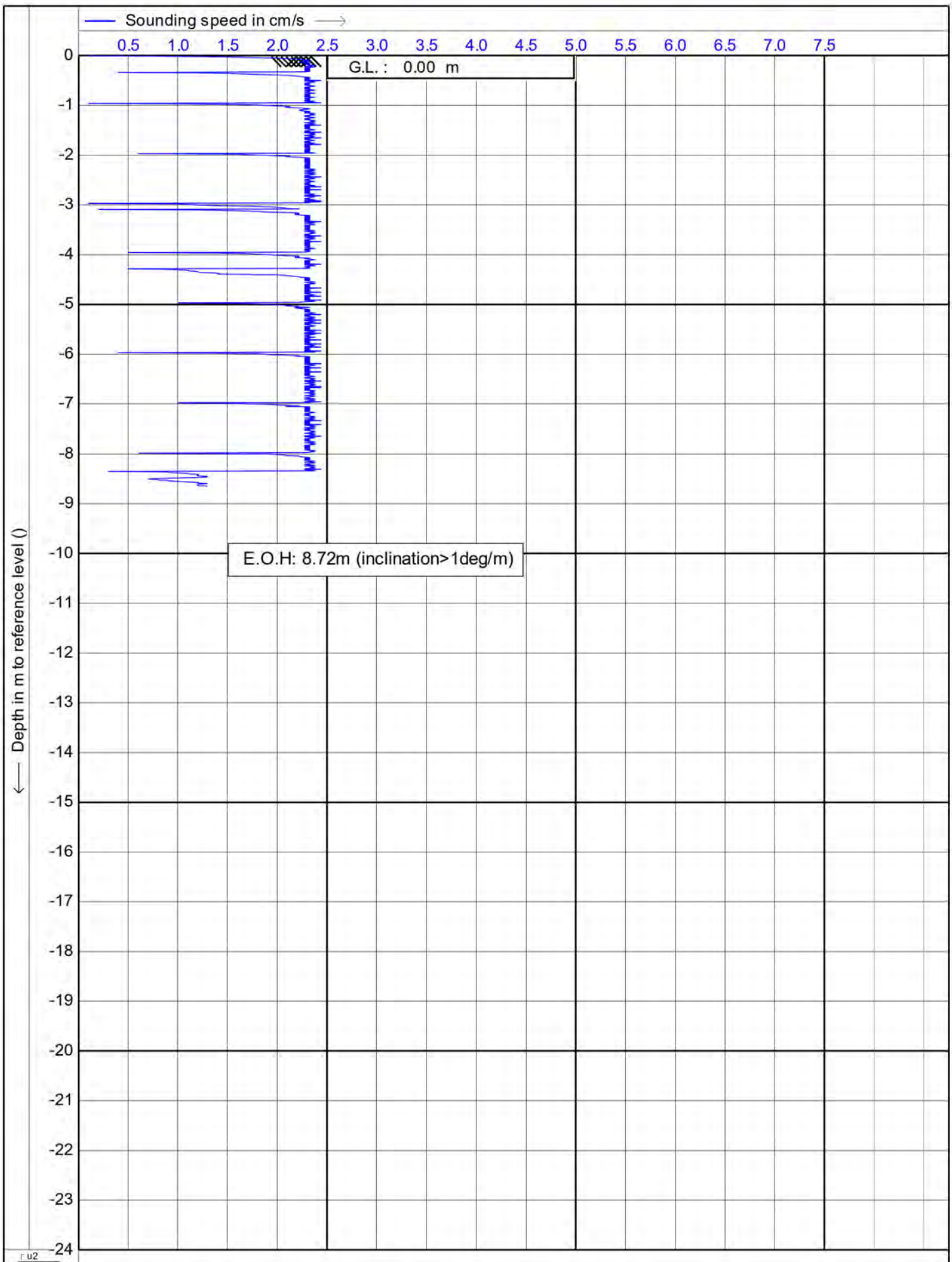
Date : **21/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_17** 12/15





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

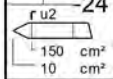
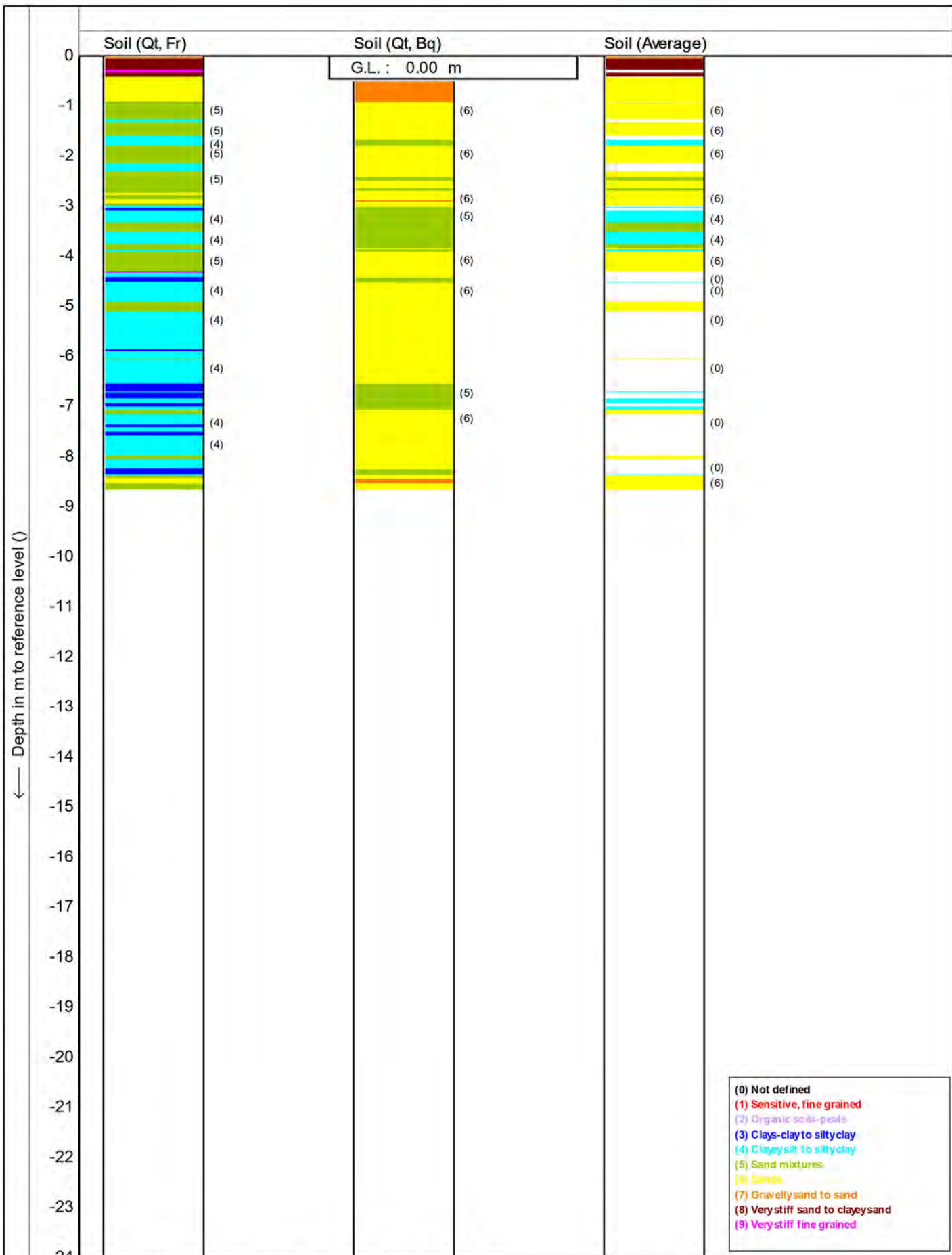
Position: **174.960013, -37.035944 WGS 84**

Date : **21/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

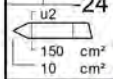
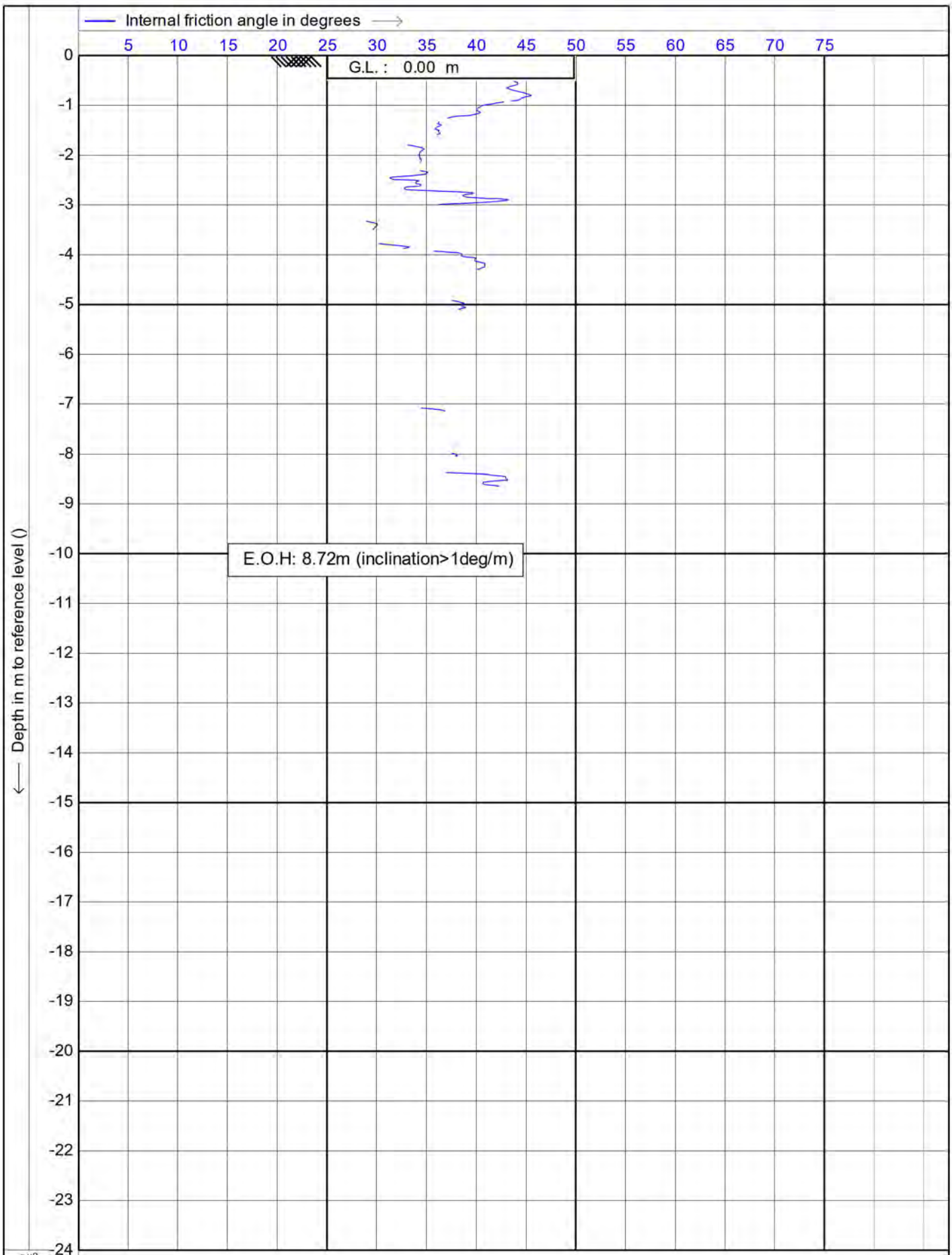
CPT no. : **CPT\_17** 13/15



Test according NEN 5140 class 1

Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.960013, -37.035944 WGS 84

Date : 21/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_17 14/15



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.960013, -37.035944 WGS 84**

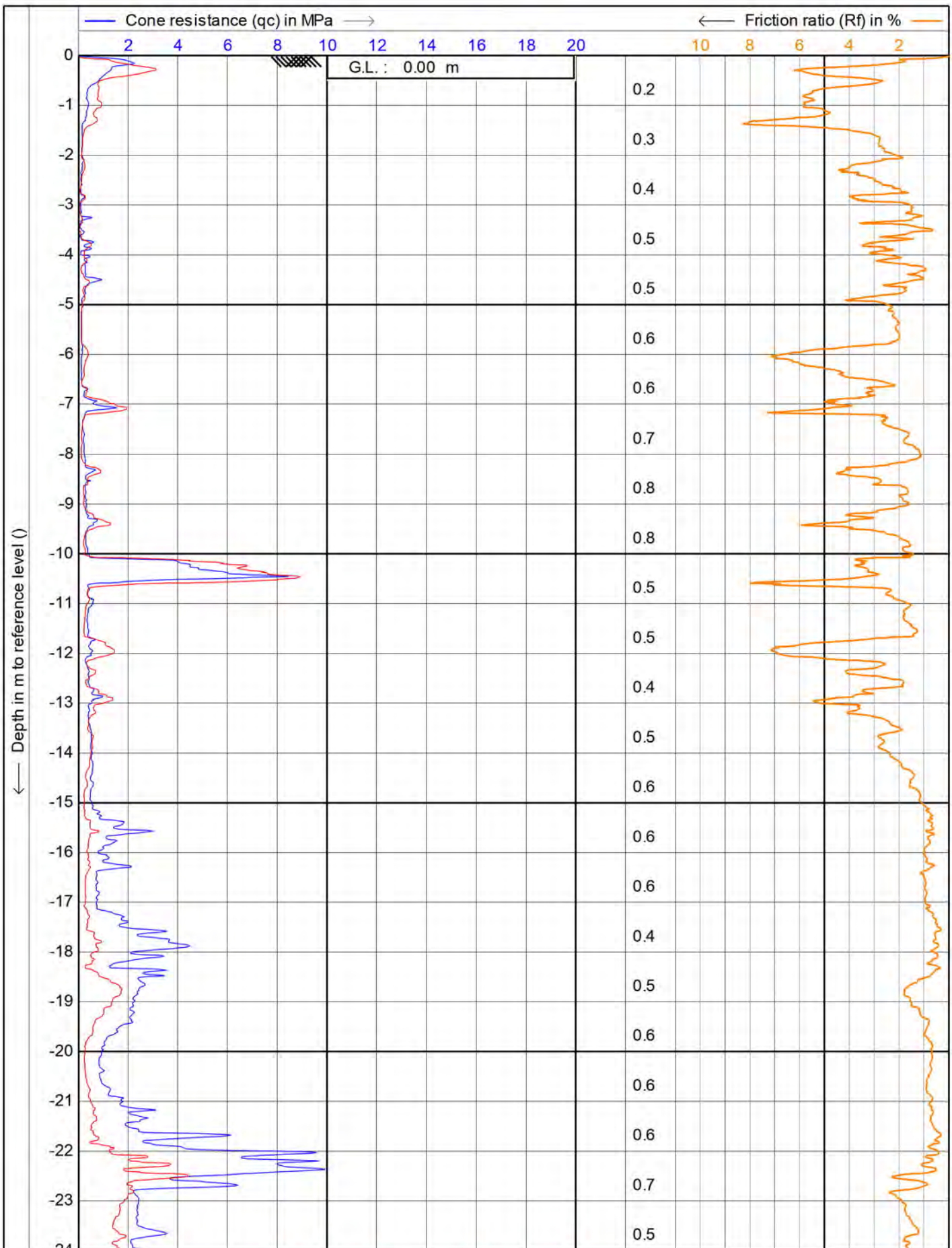
Date : **21/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

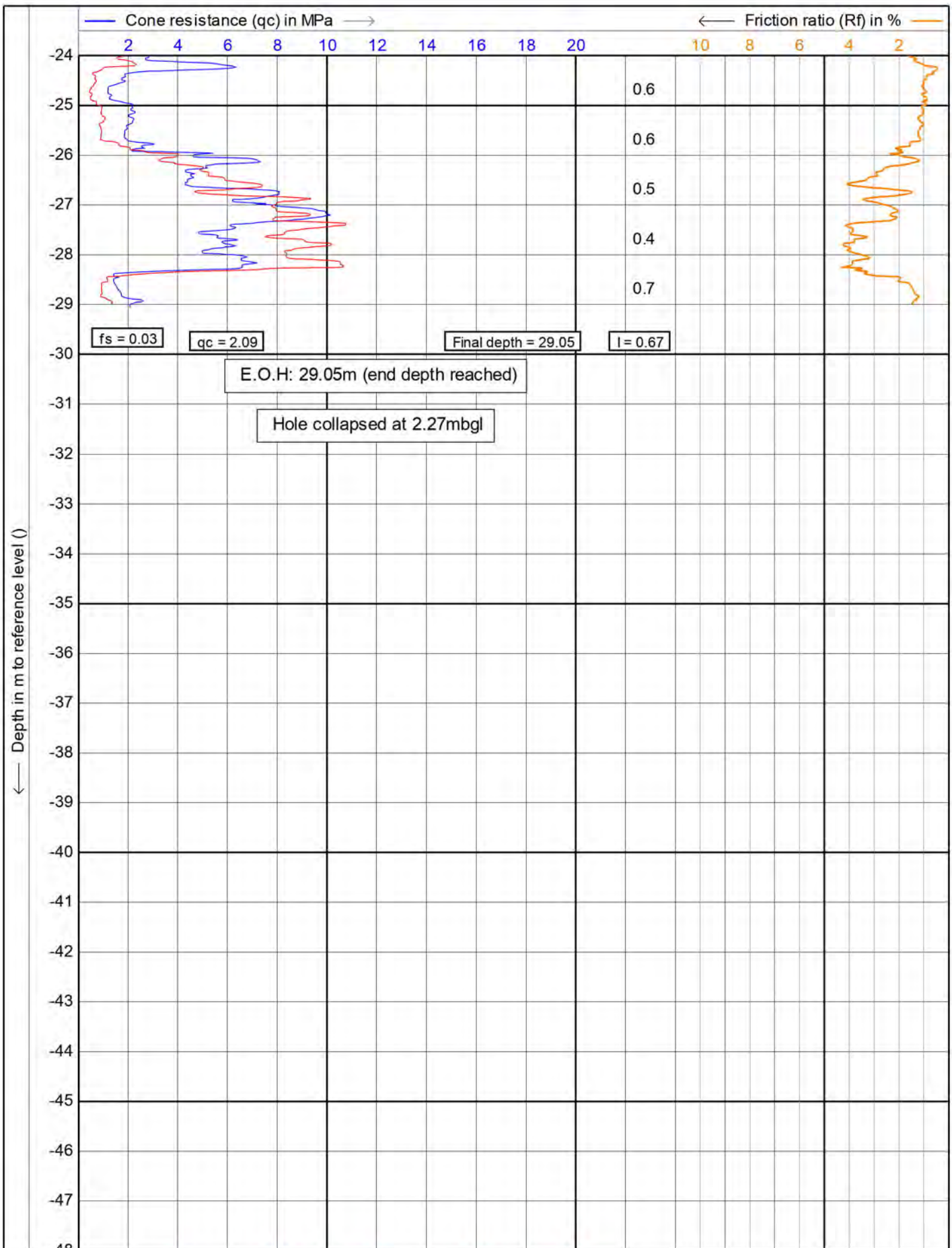
CPT no. : **CPT\_17** 15/15





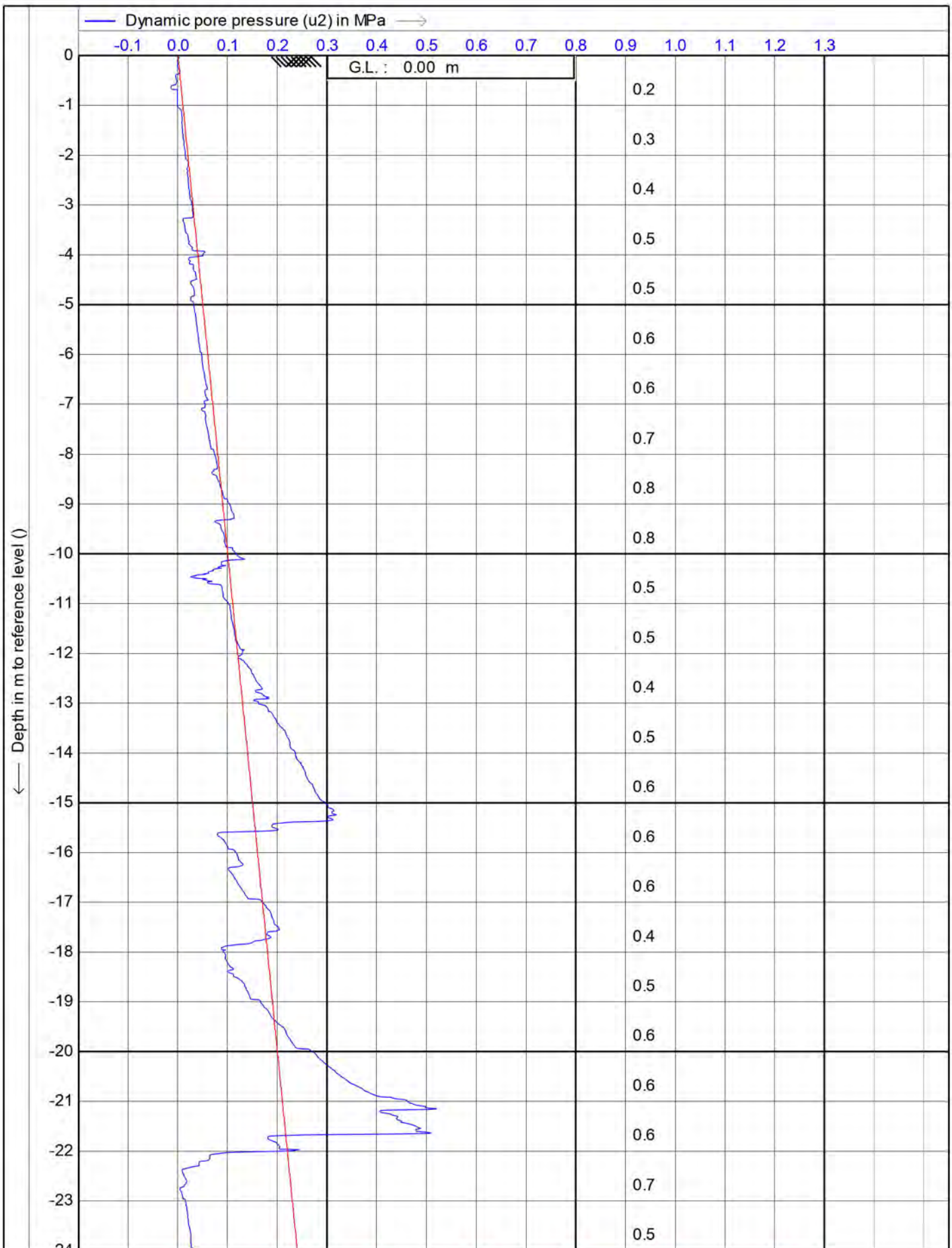
Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95477, -37.03749 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_18** 1/30



Test acc NZ class	Date : 22/04/2021
Project : Hamlin Rd	Cone no. : S10CFIP.S16082
Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
Position: 174.95477, -37.03749 WGS 84	CPT no. : <b>CPT_18</b> 2/30





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95477, -37.03749 WGS 84

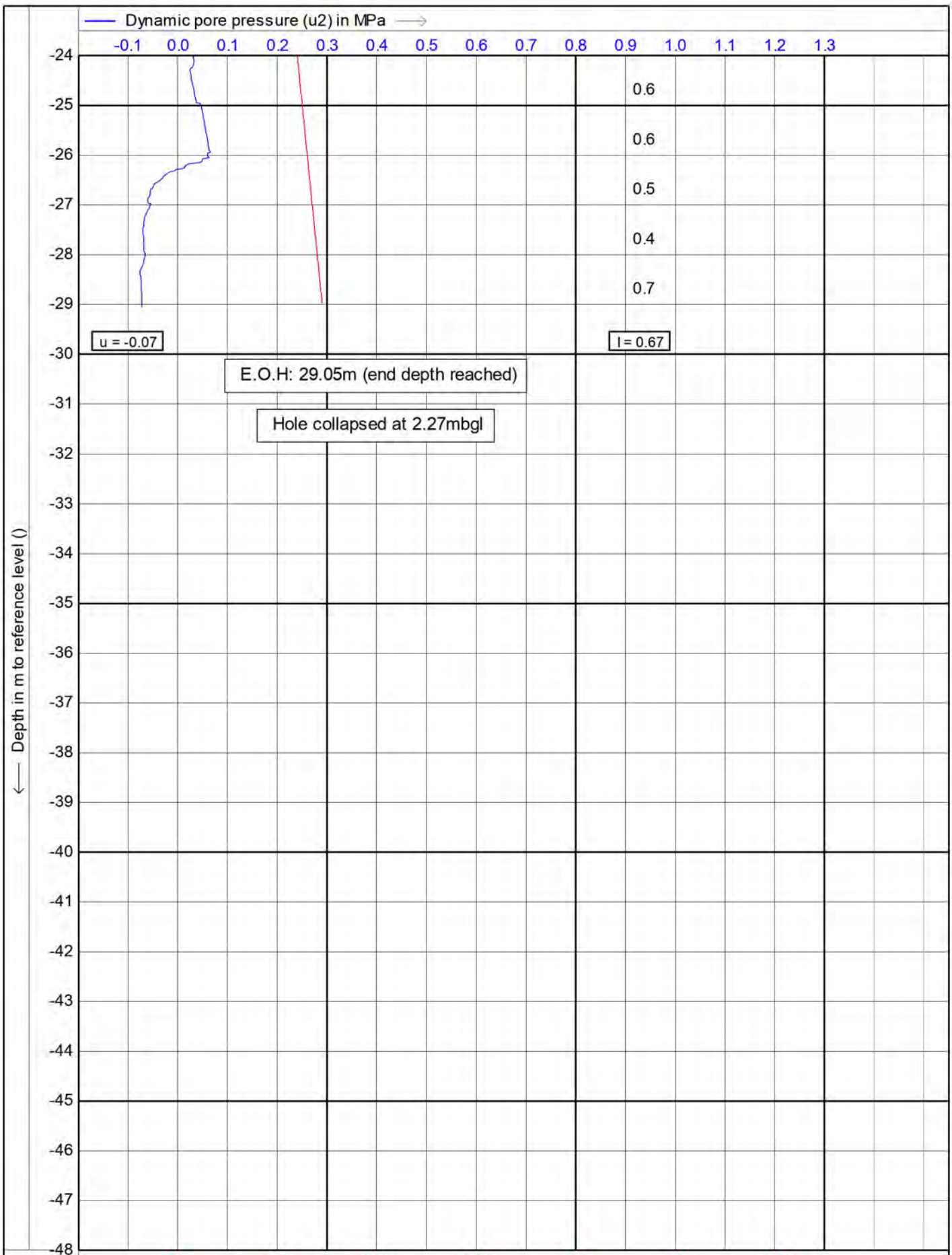
Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_18** 3/30





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

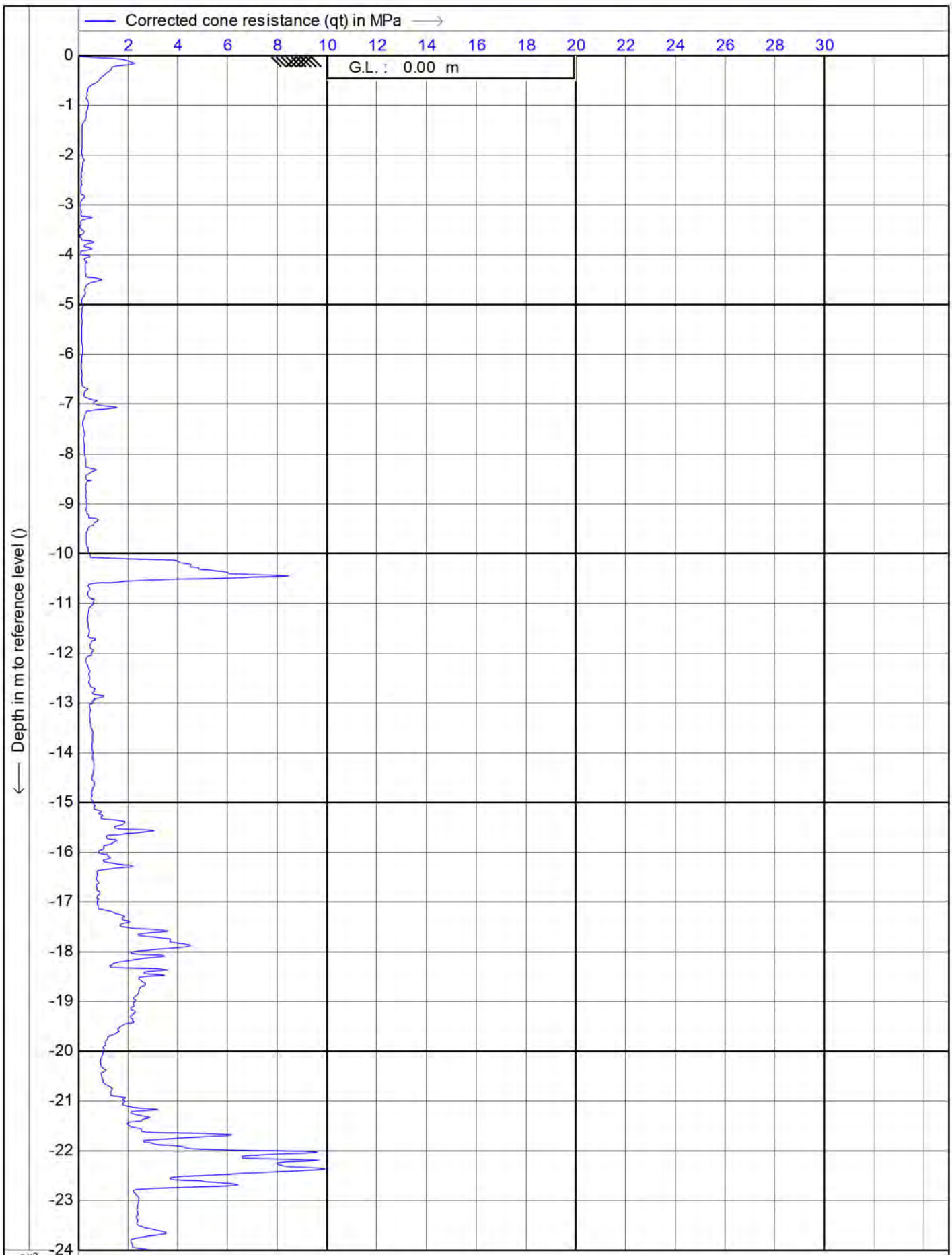
Position: 174.95477, -37.03749 WGS 84

Date : 22/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_18** 4/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

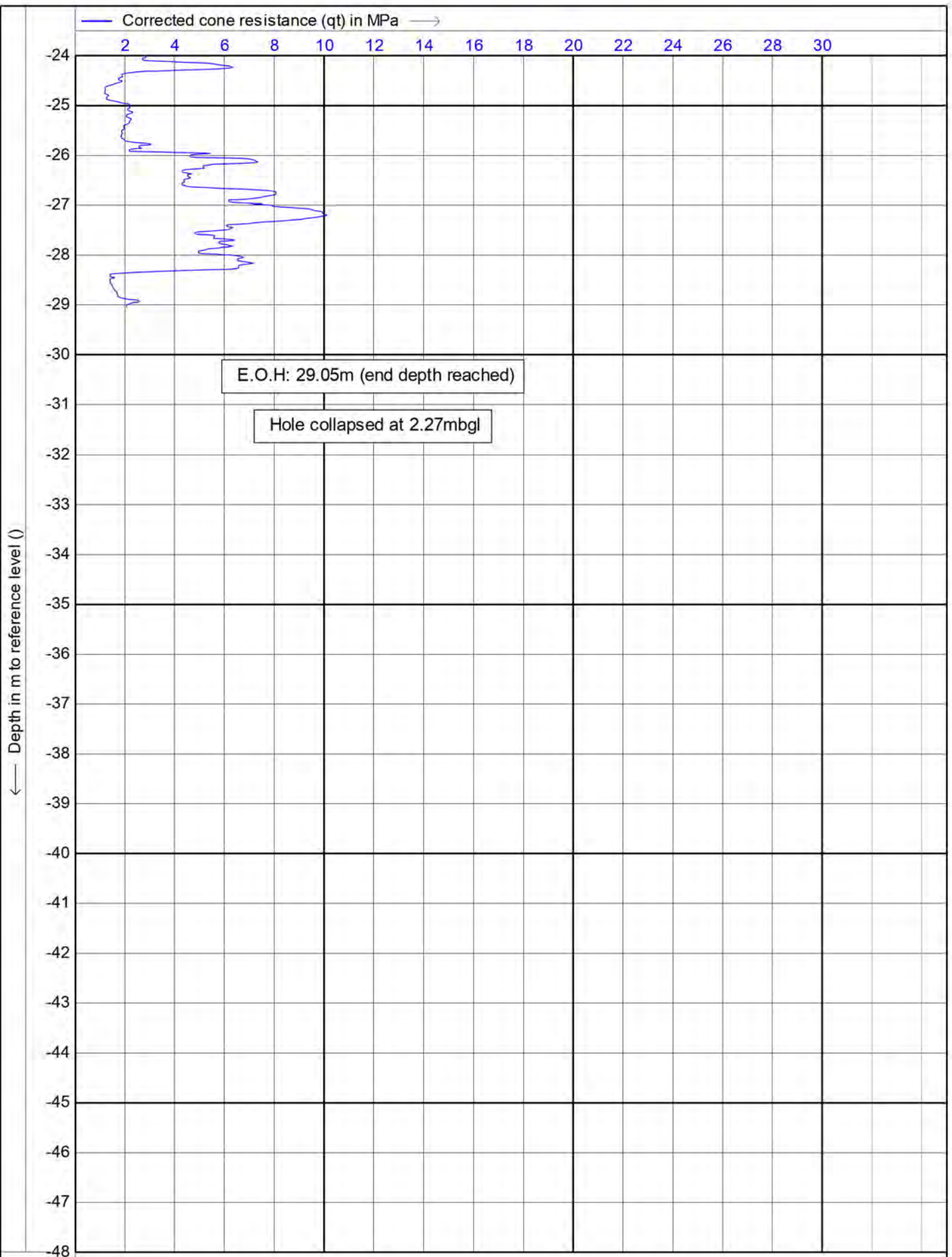
Position: 174.95477, -37.03749 WGS 84

Date : 22/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_18** 5/30

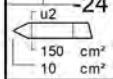
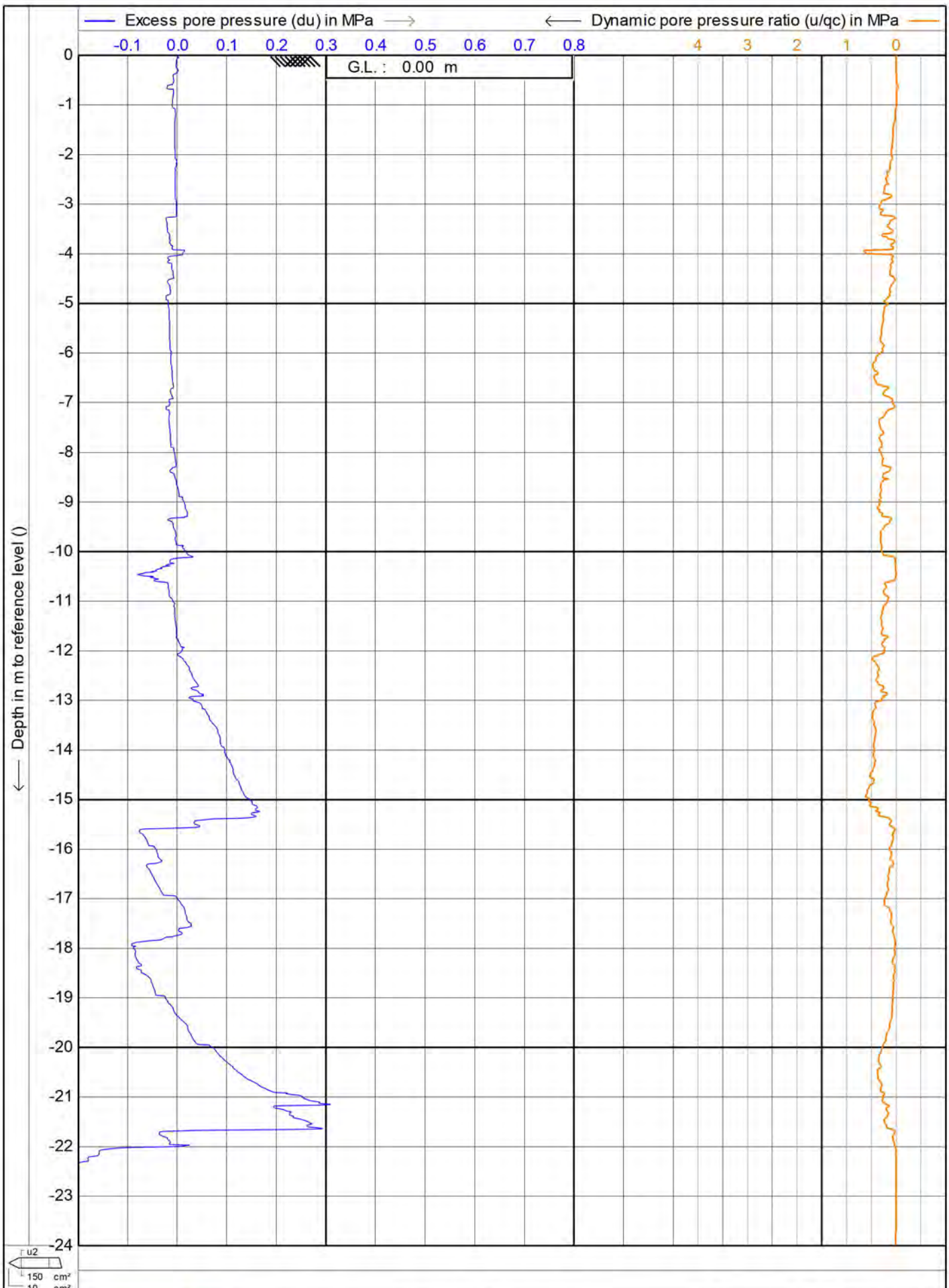


Test acc NZ class

Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95477, -37.03749 WGS 84

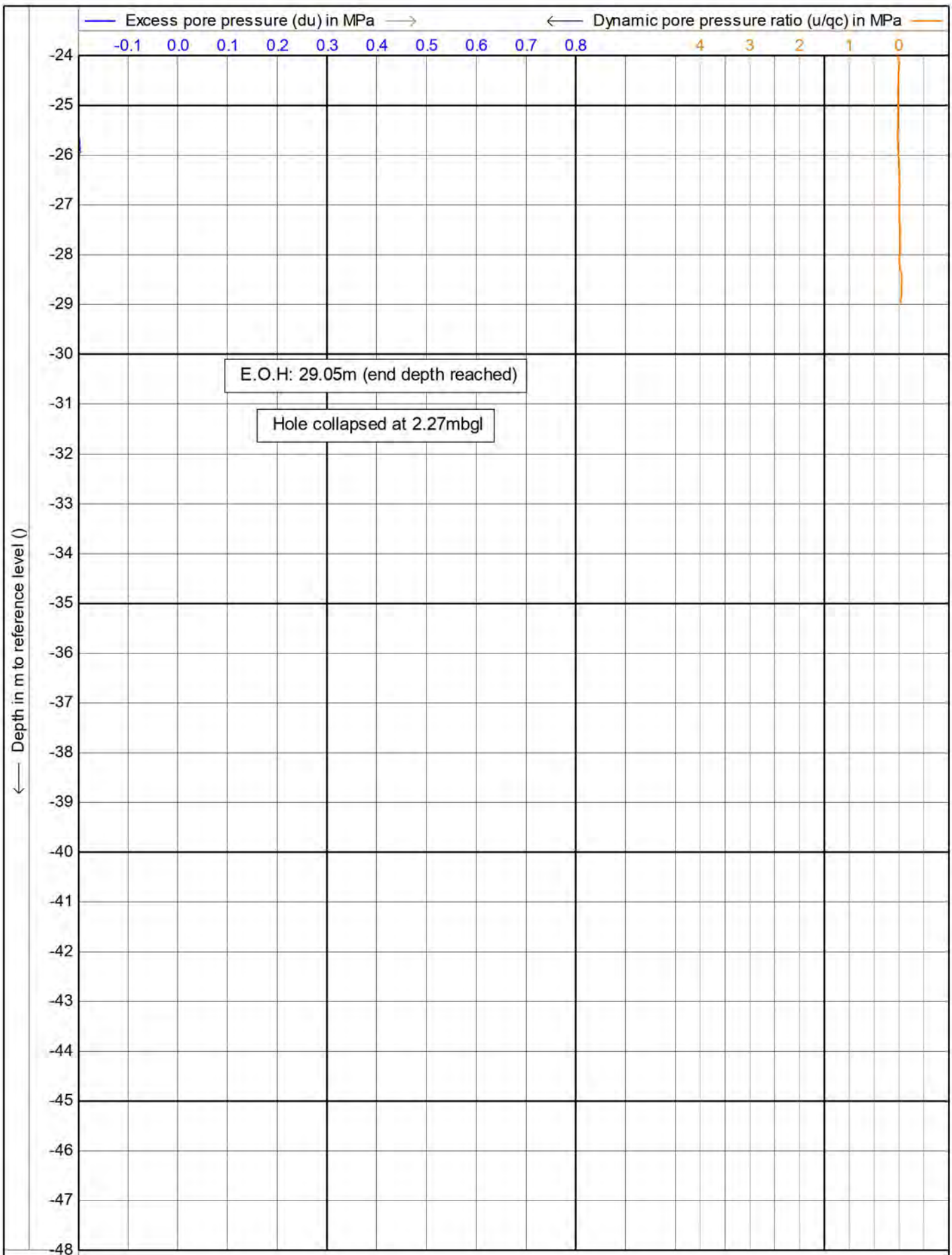
Date : 22/04/2021  
 Cone no. : S10CFIIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_18** 6/30





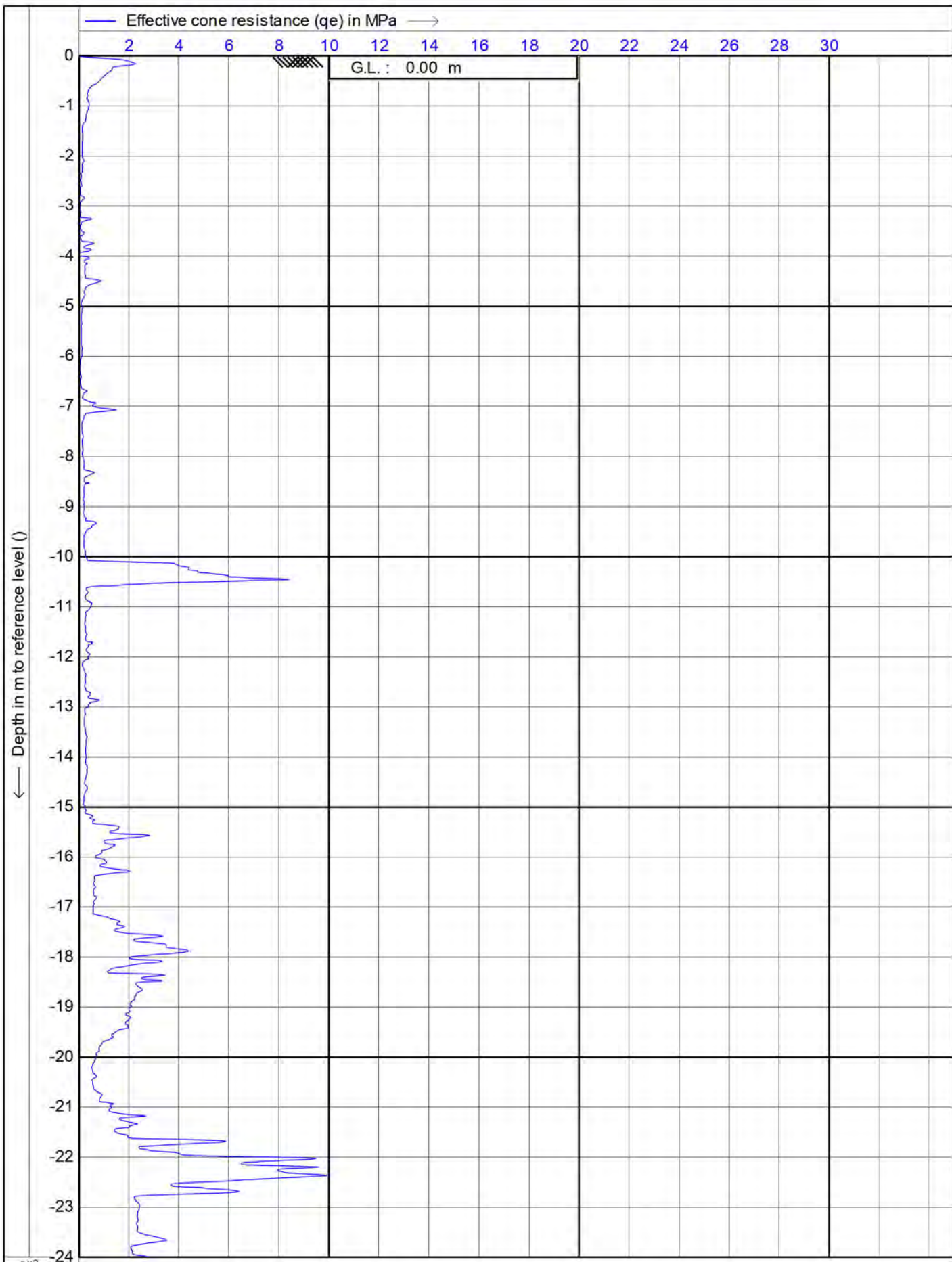
Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95477, -37.03749 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_18** 7/30



Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95477, -37.03749 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_18** 8/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95477, -37.03749 WGS 84

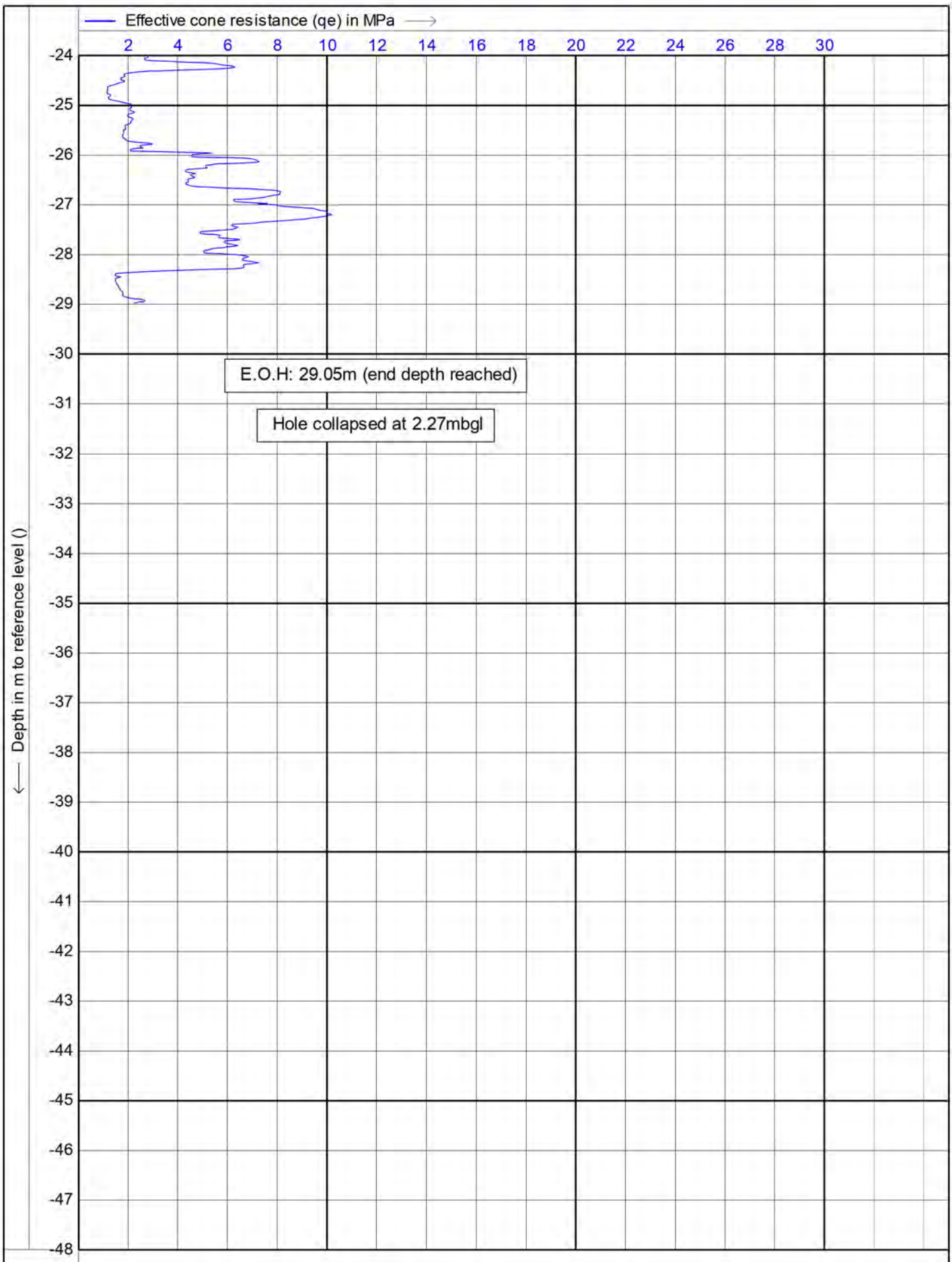
Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_18** 9/30





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

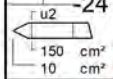
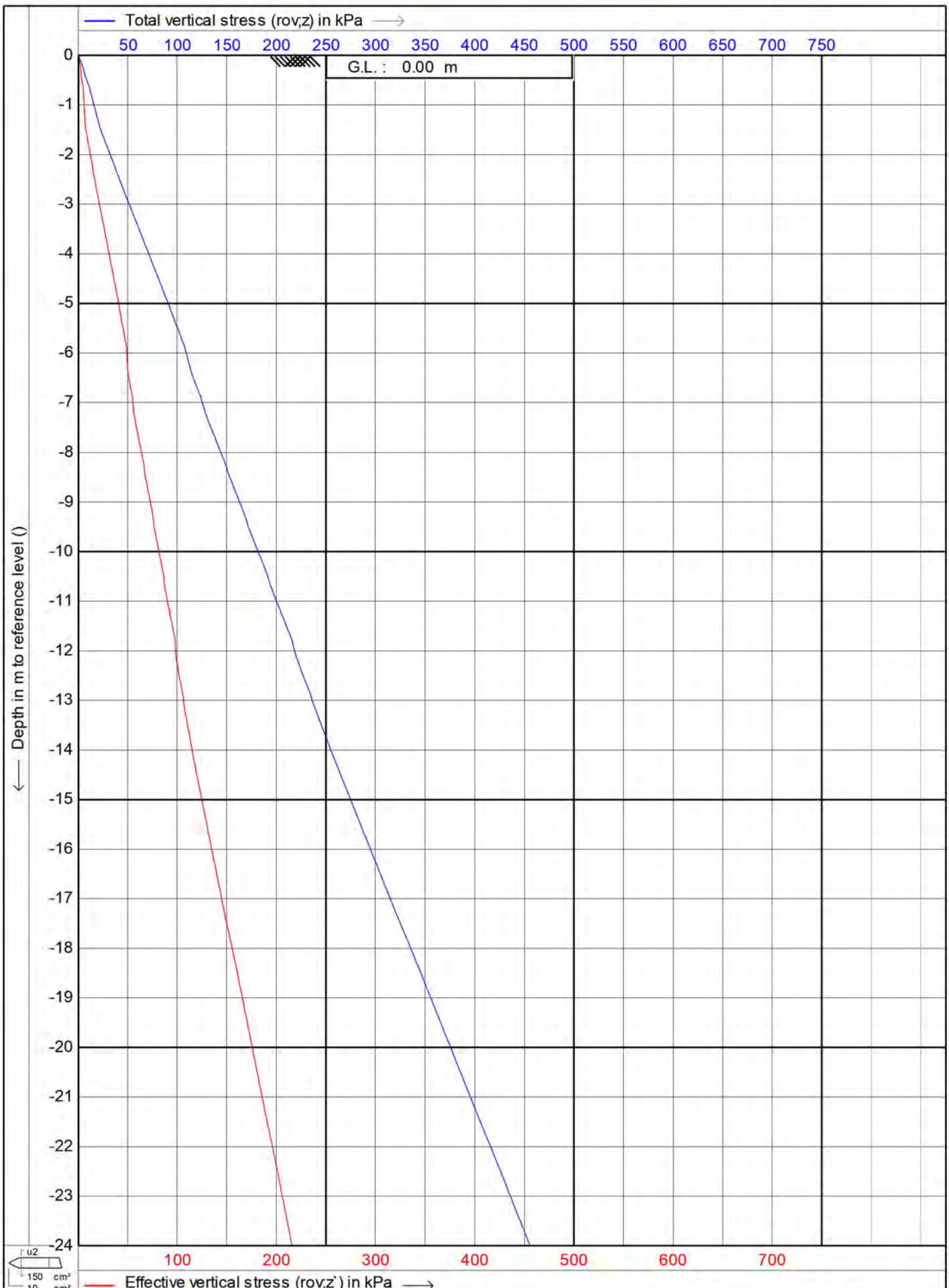
Position: 174.95477, -37.03749 WGS 84

Date : 22/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

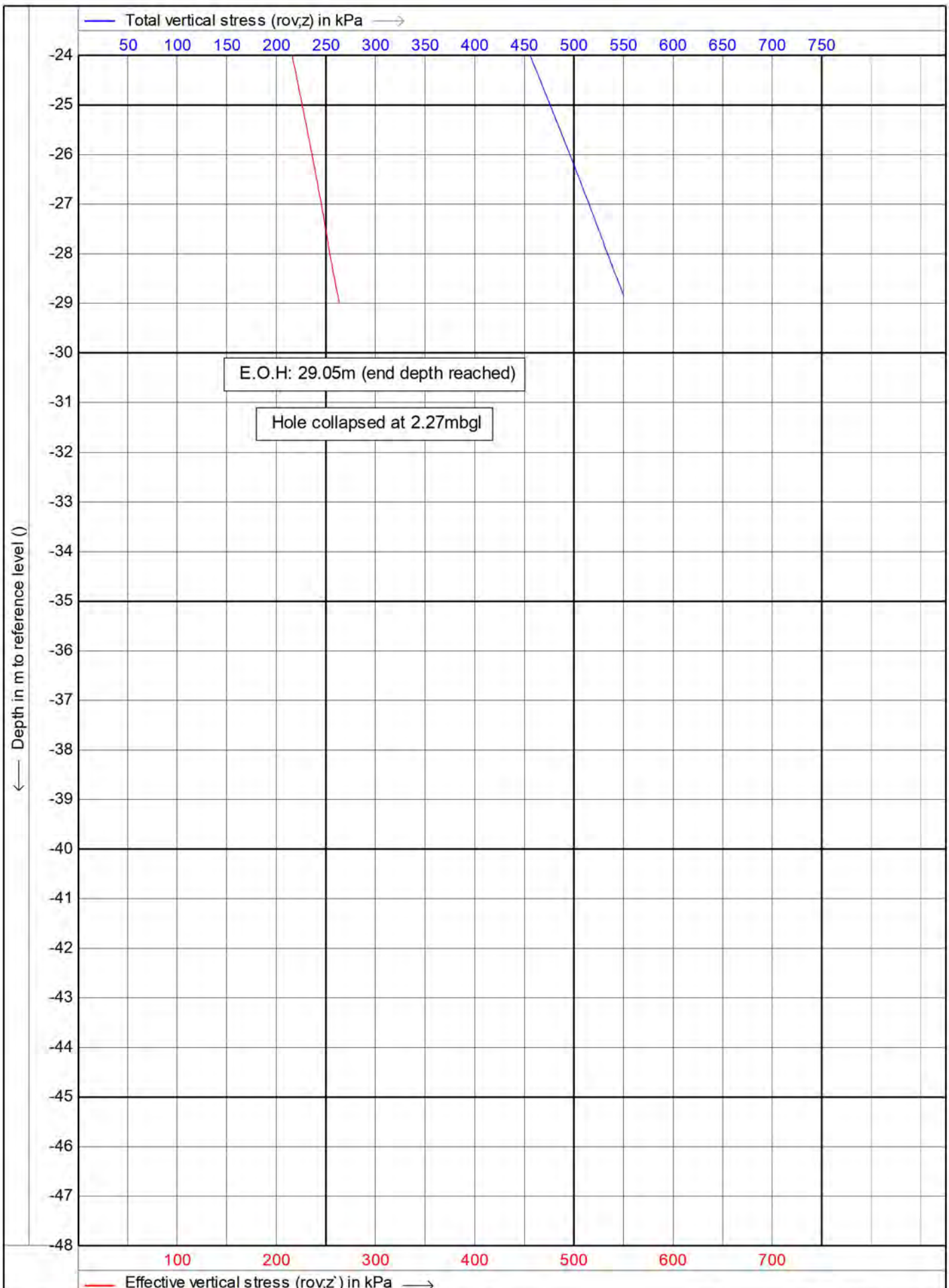
CPT no. : **CPT\_18** 10/30



Effective vertical stress (rov,z) in kPa →



Test acc NZ class	Date : 22/04/2021
Project : Hamlin Rd	Cone no. : S10CFIP.S16082
Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
Position: 174.95477, -37.03749 WGS 84	CPT no. : <b>CPT_18</b> 11/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95477, -37.03749 WGS 84

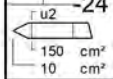
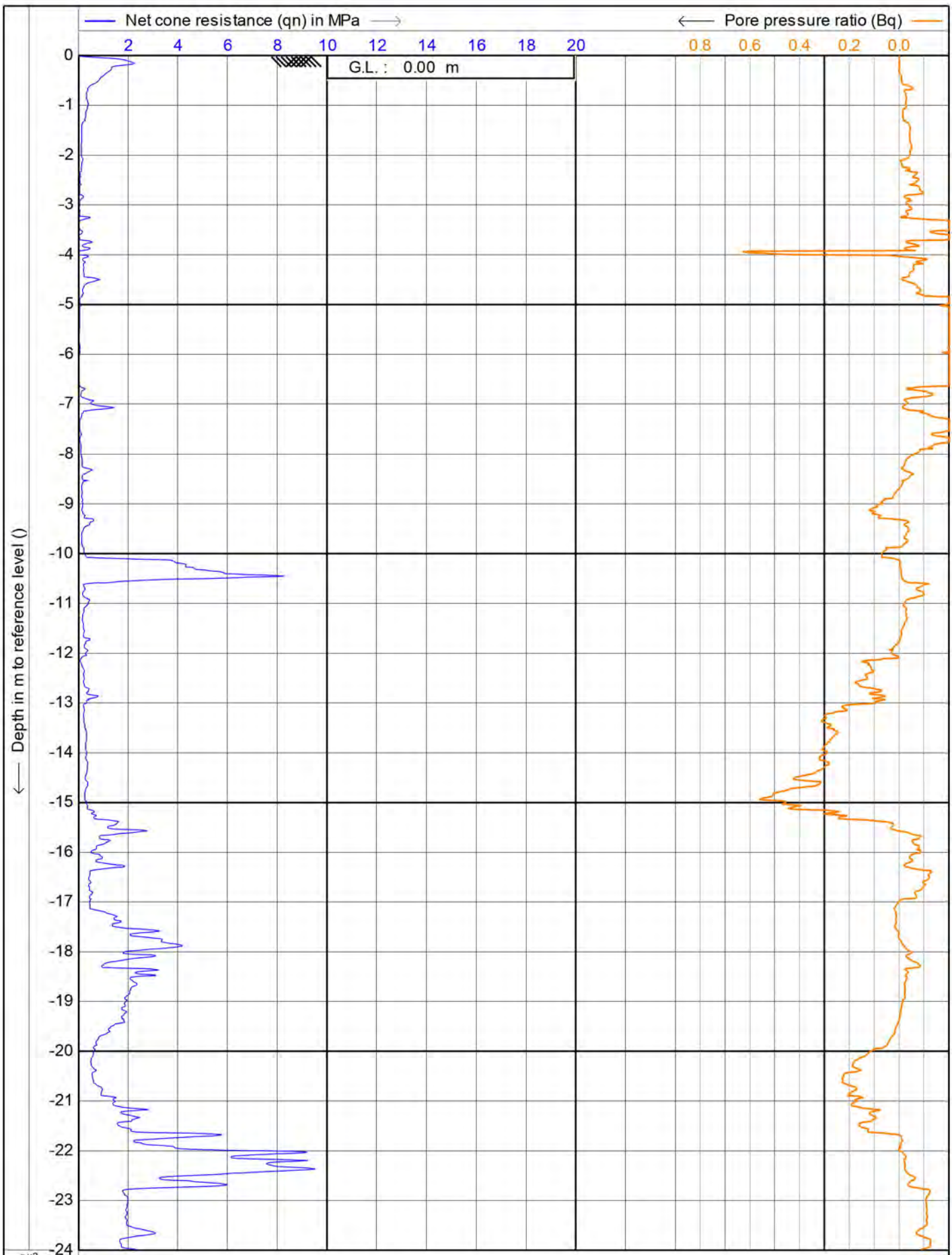
Date : 22/04/2021

Cone no. : S10CFIIP.S16082

Project no. : DF21GE034

CPT no. : CPT\_18 12/30





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

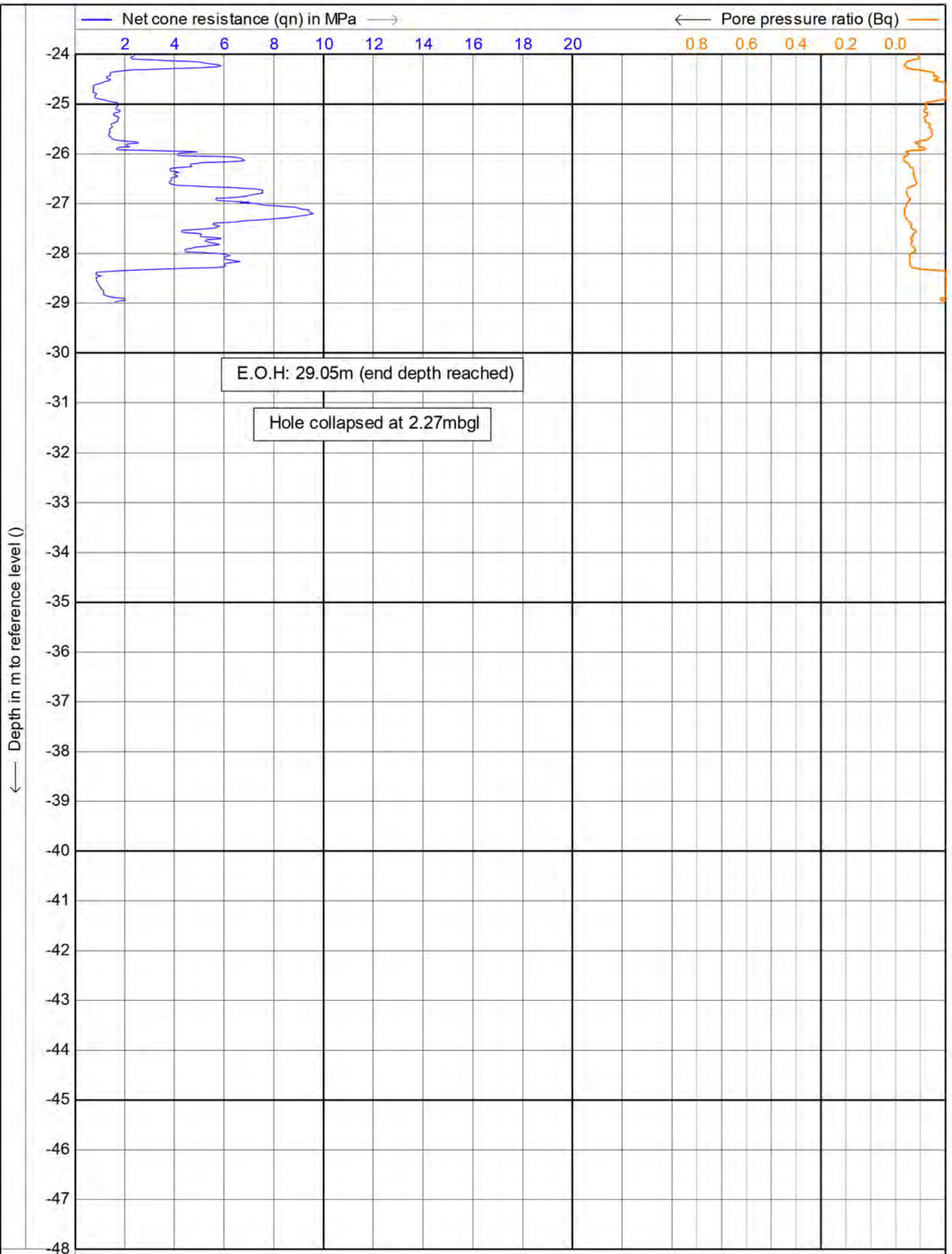
Position: 174.95477, -37.03749 WGS 84

Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_18** 13/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

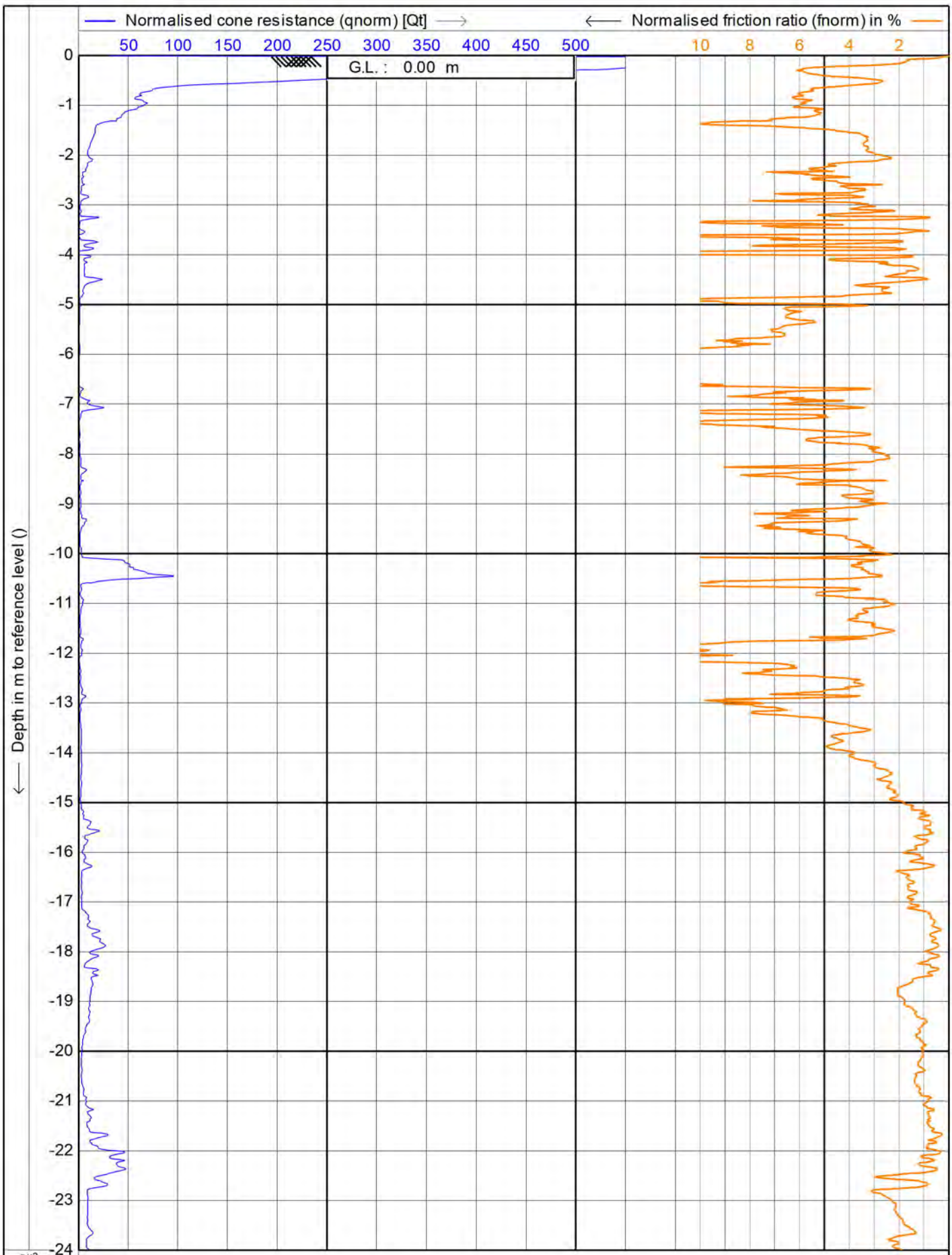
Position: 174.95477, -37.03749 WGS 84

Date : 22/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

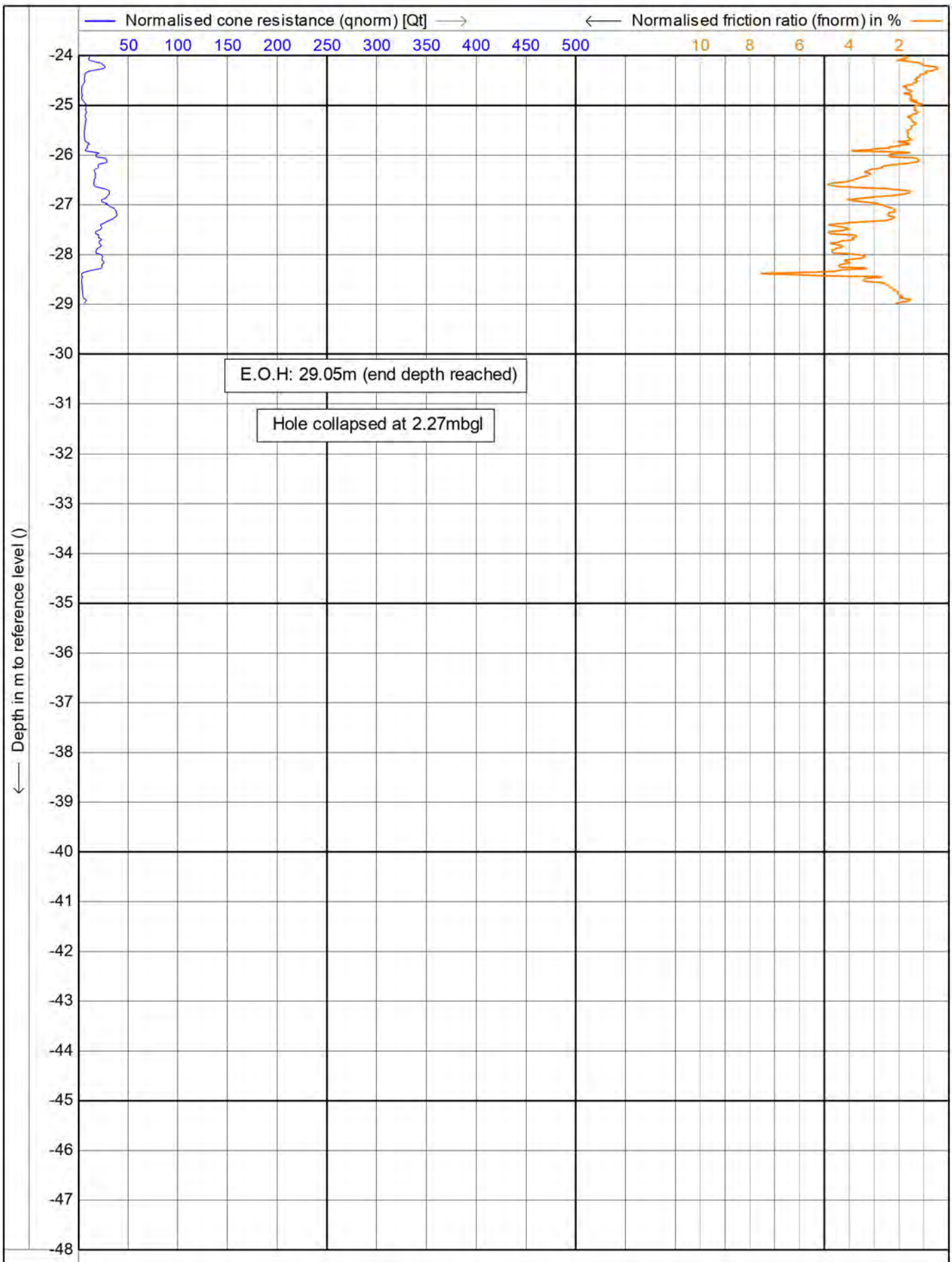
CPT no. : **CPT\_18** 14/30



Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95477, -37.03749 WGS 84

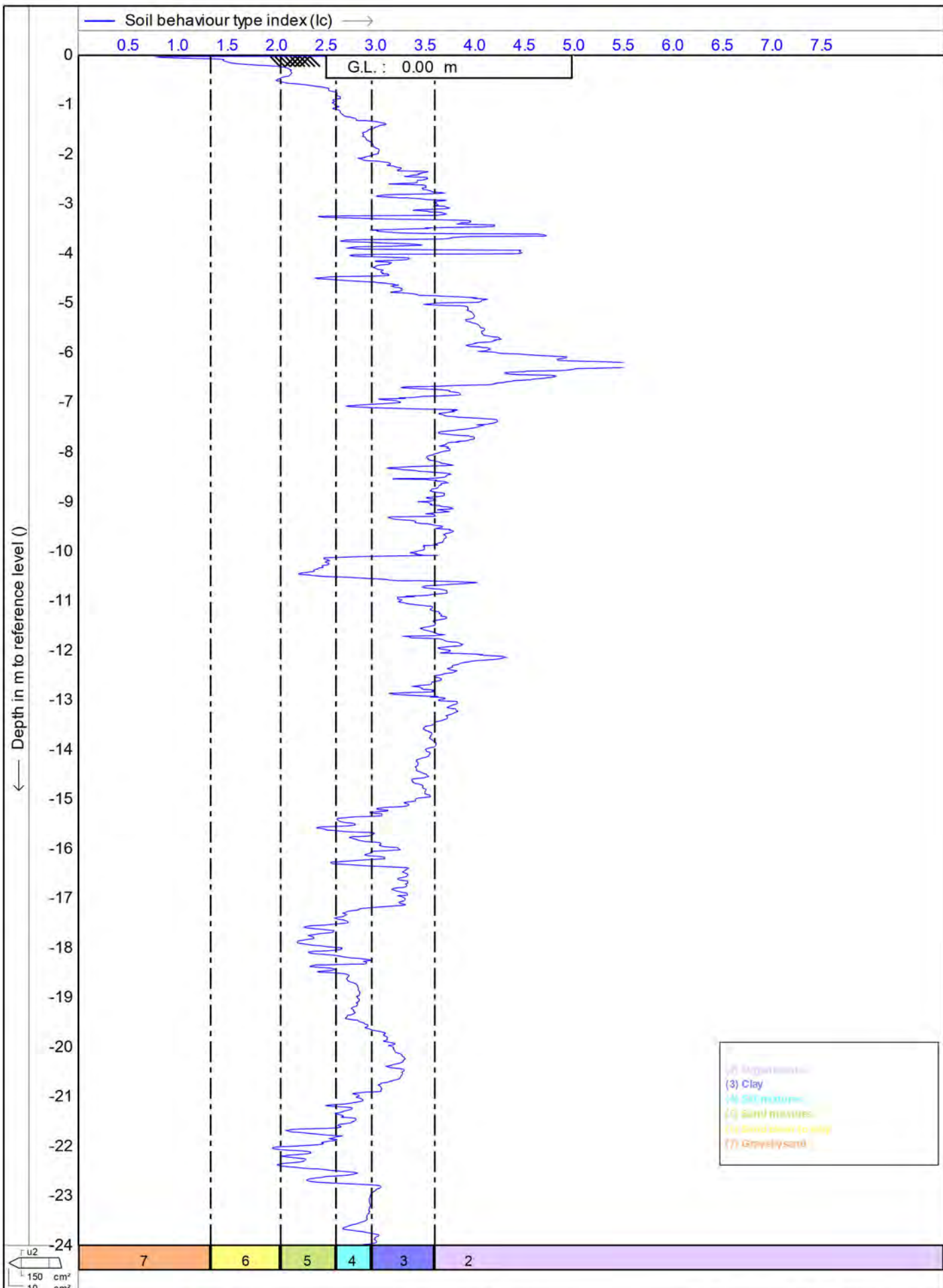
Date : 22/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_18** 15/30





Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95477, -37.03749 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_18** 16/30



150 cm<sup>2</sup>  
10 cm<sup>2</sup>

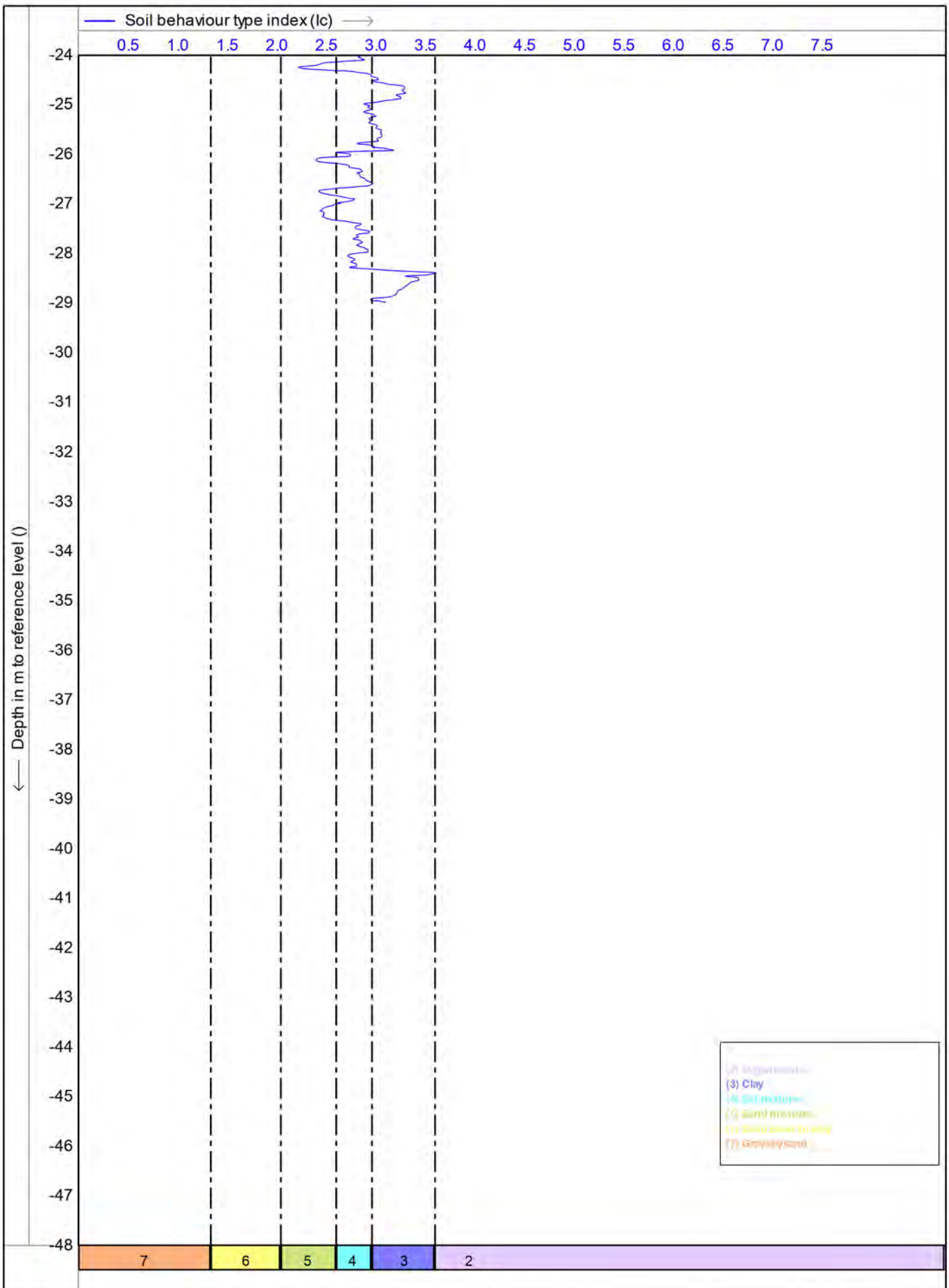
- (2) Argillaceous
- (3) Clay
- (4) Silty mixture
- (5) Sand mixture
- (6) Sand silt to clay
- (7) Gravelly sand



Test acc NZ class

Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95477, -37.03749 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_18 17/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95477, -37.03749 WGS 84

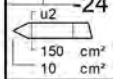
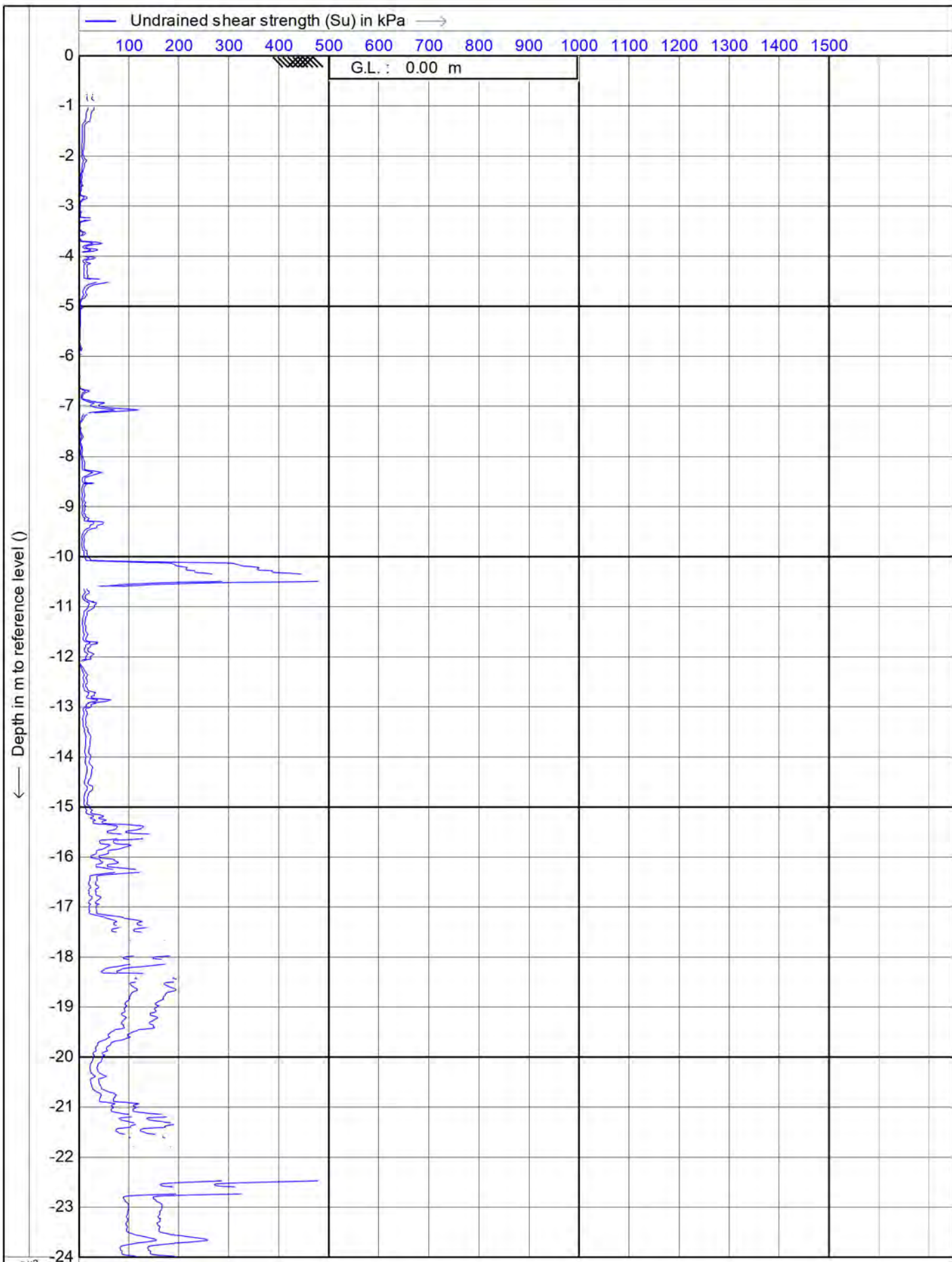
Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_18** 18/30





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

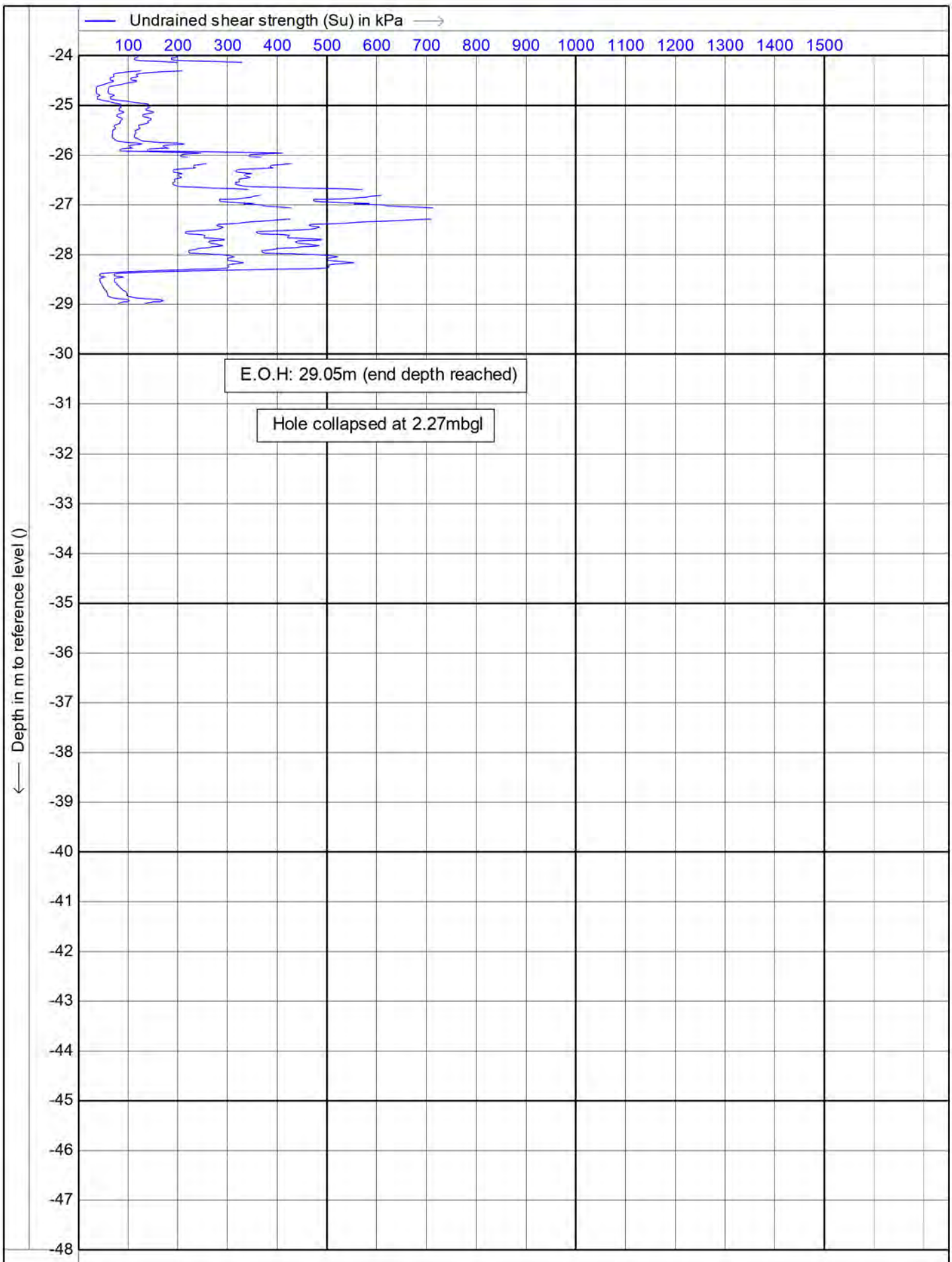
Position: 174.95477, -37.03749 WGS 84

Date : 22/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_18** 19/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

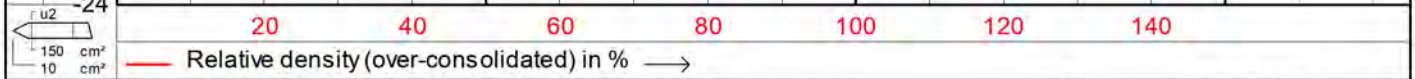
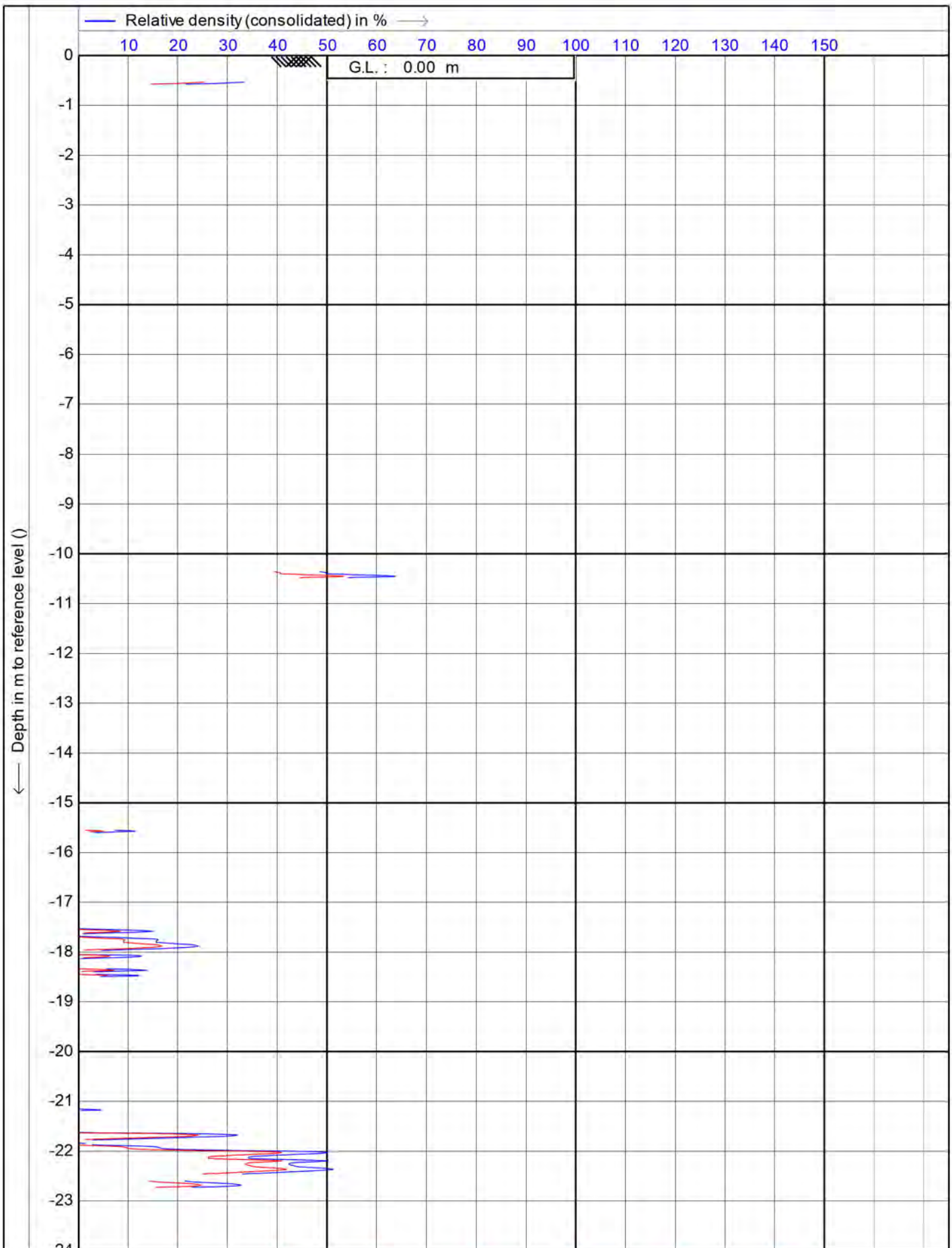
Position: 174.95477, -37.03749 WGS 84

Date : 22/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_18** 20/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95477, -37.03749 WGS 84

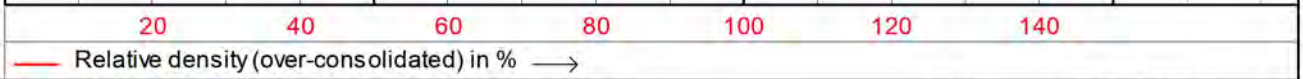
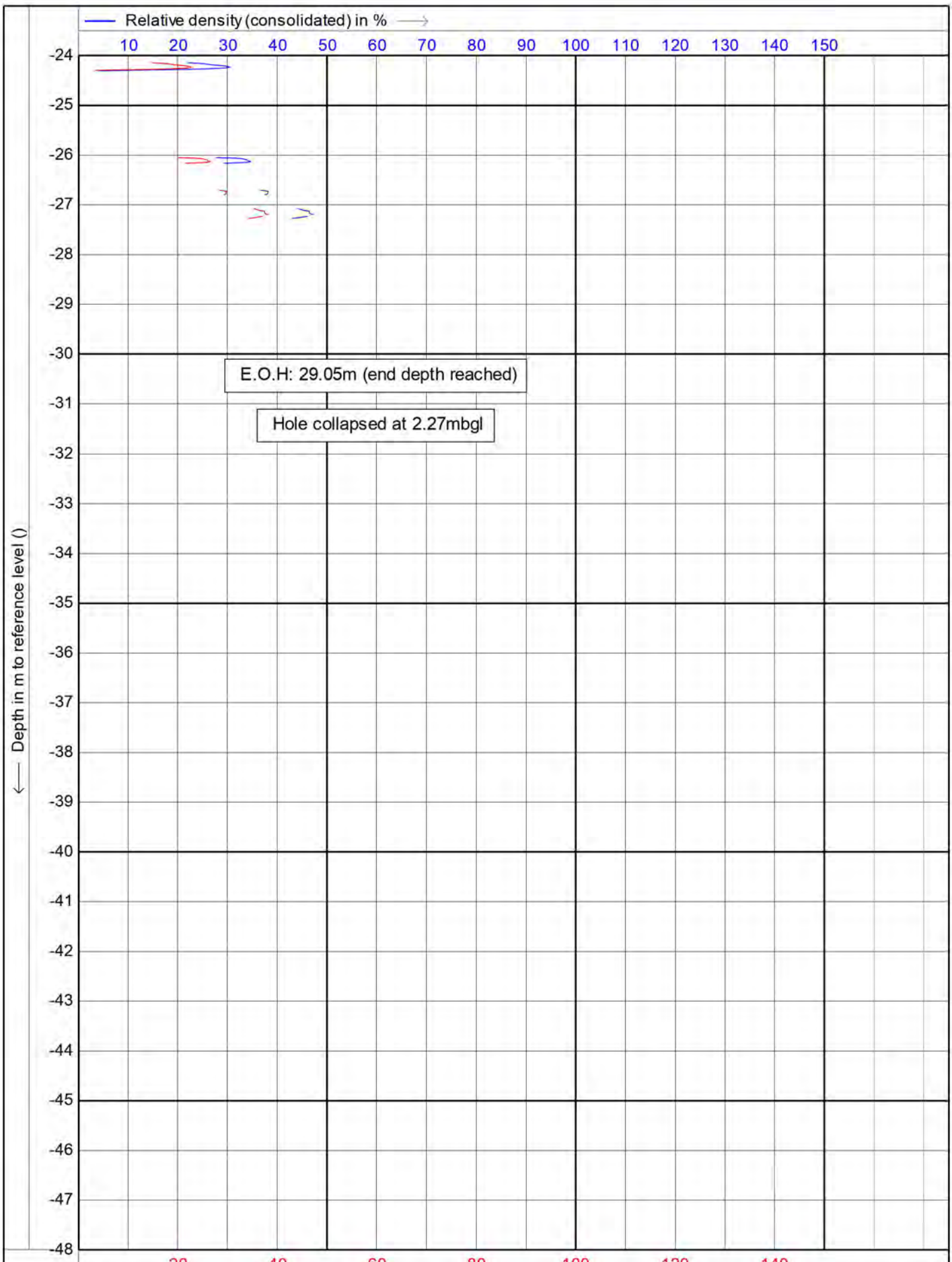
Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_18** 21/30





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

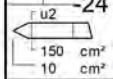
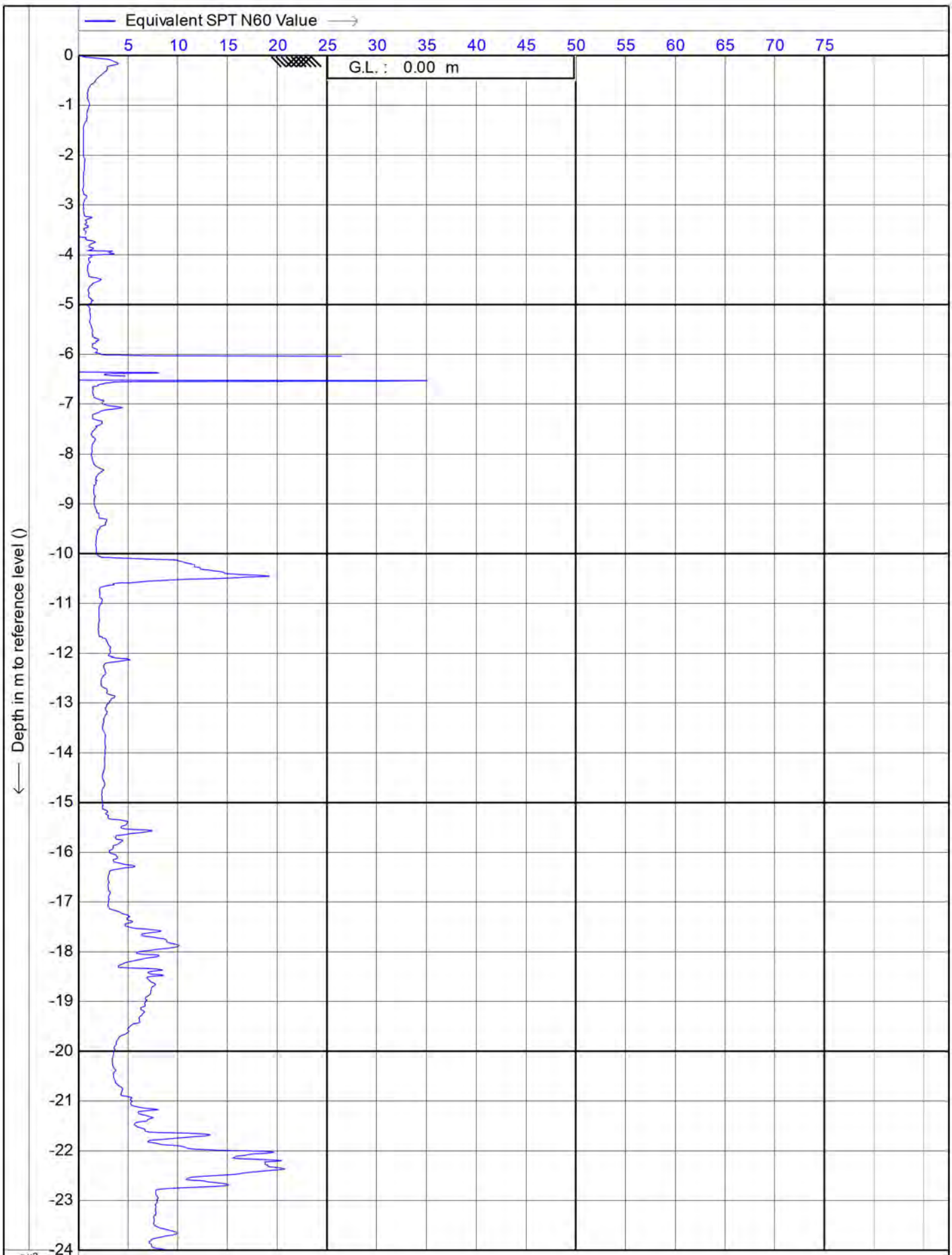
Position: 174.95477, -37.03749 WGS 84

Date : 22/04/2021

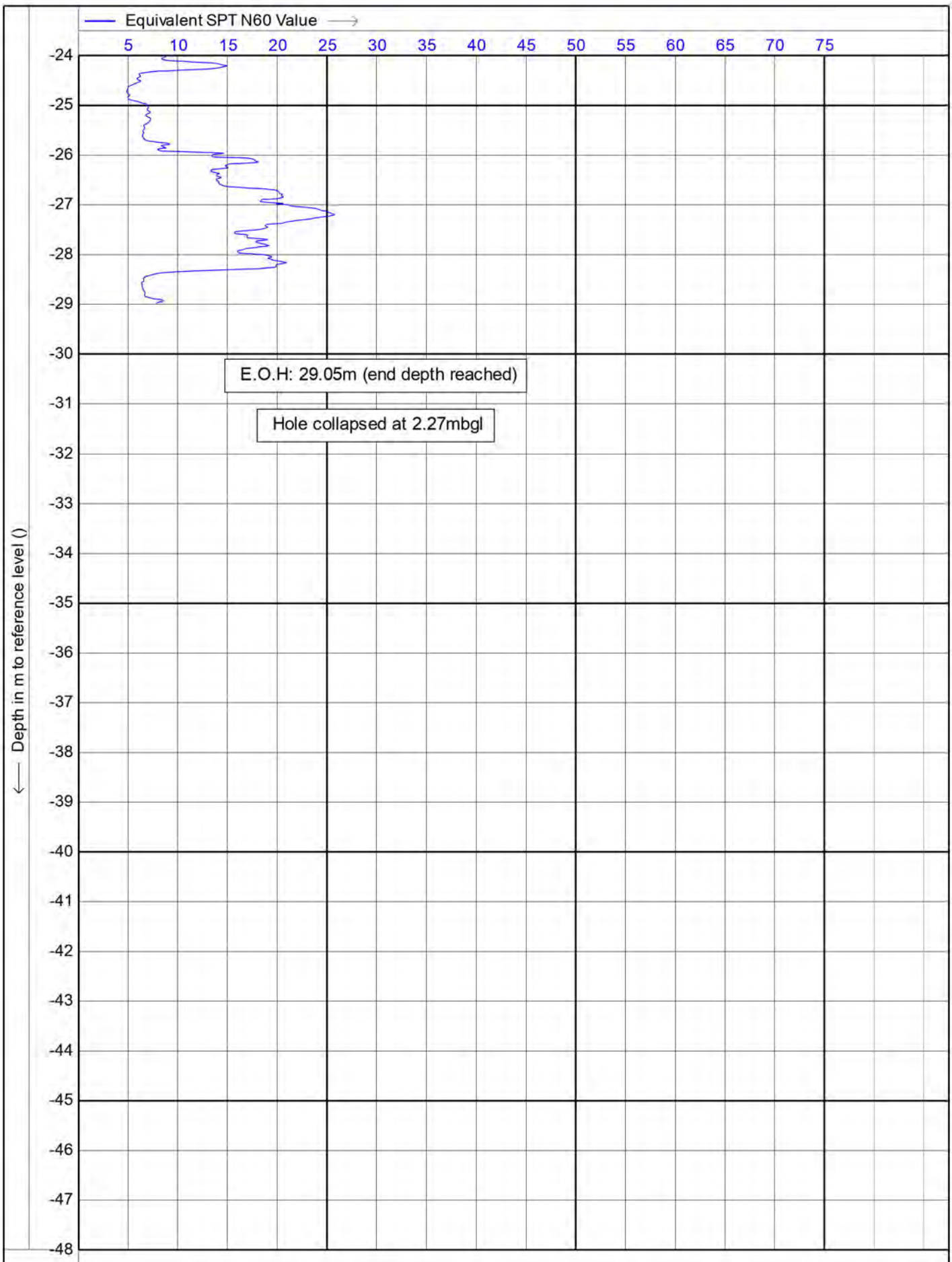
Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_18** 22/30



Test acc NZ class	Date : 22/04/2021
Project : Hamlin Rd	Cone no. : S10CFIIP.S16082
Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
Position: 174.95477, -37.03749 WGS 84	CPT no. : <b>CPT_18</b> 23/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95477, -37.03749 WGS 84

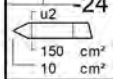
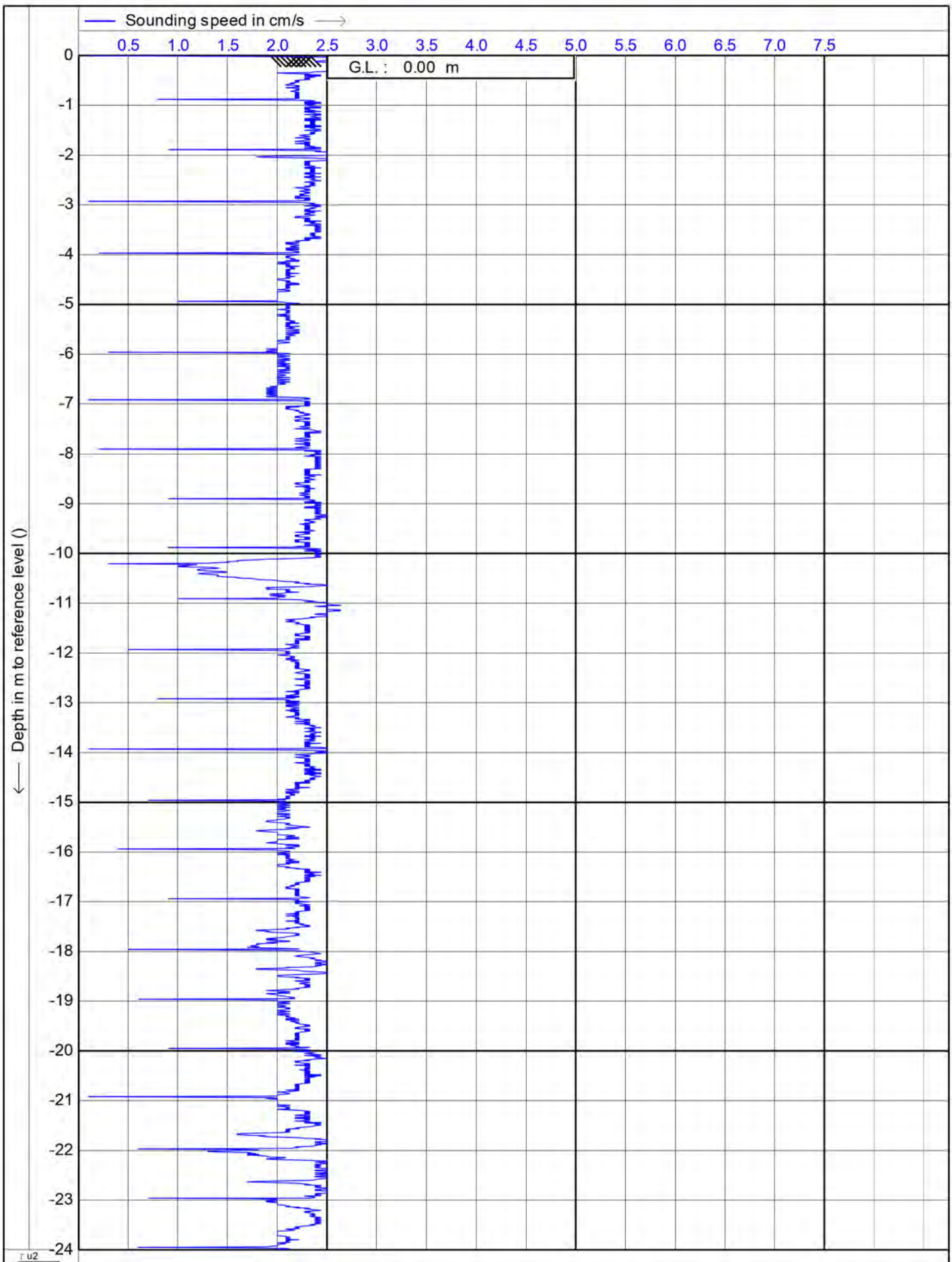
Date : 22/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_18** 24/30





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

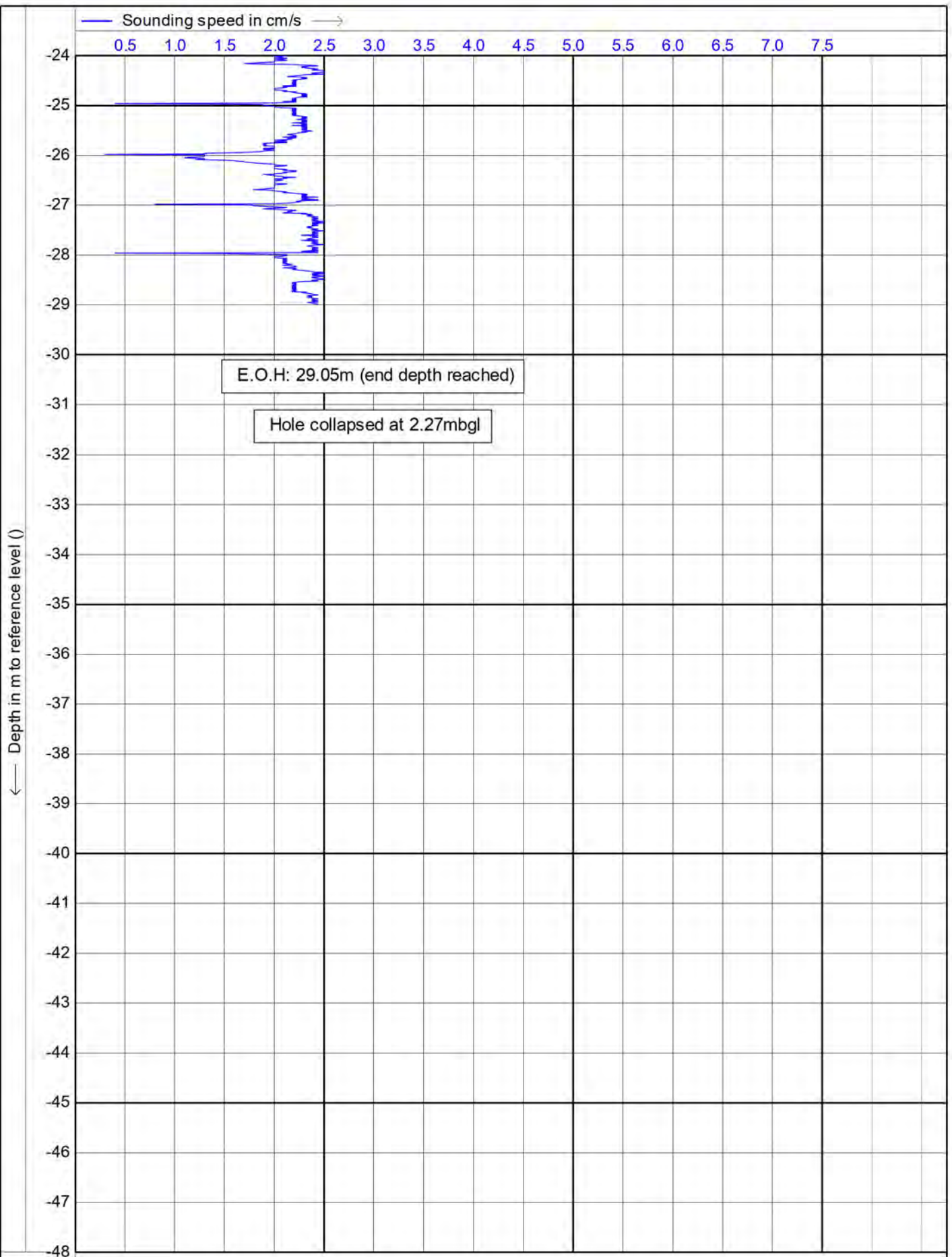
Position: 174.95477, -37.03749 WGS 84

Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_18** 25/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

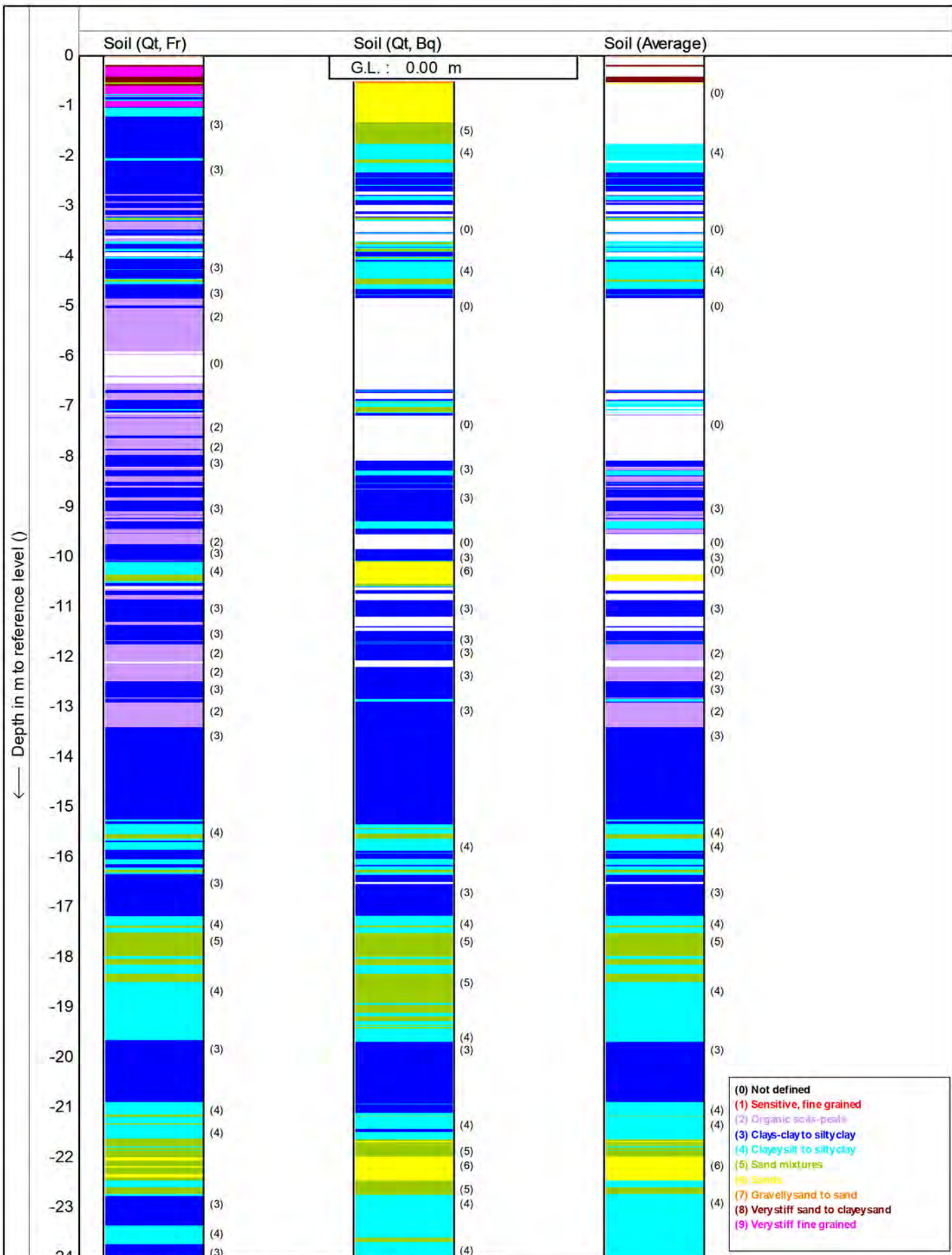
Position: 174.95477, -37.03749 WGS 84

Date : 22/04/2021

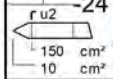
Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_18** 26/30

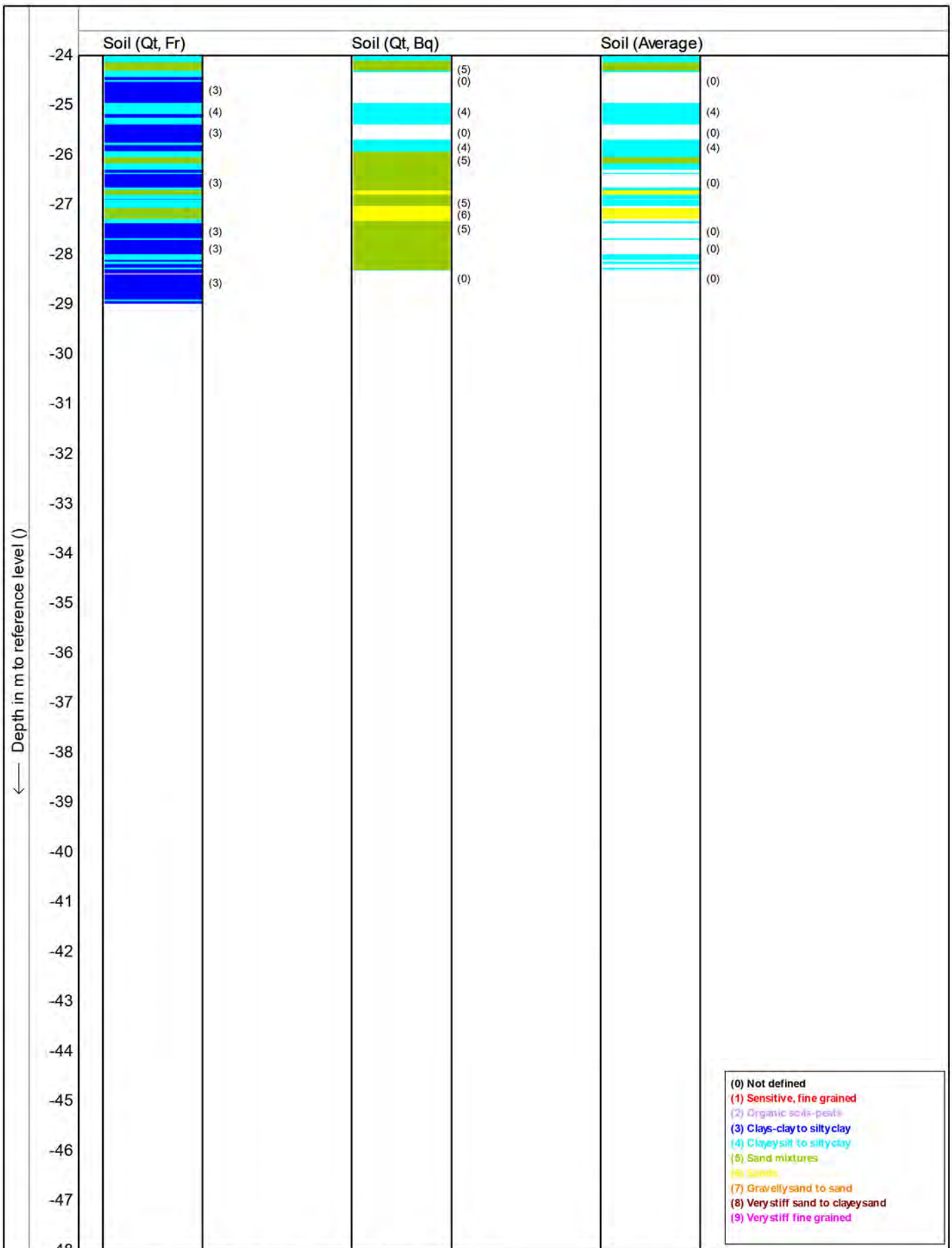


- (0) Not defined
- (1) Sensitive, fine grained
- (2) Organic soils-peats
- (3) Clays-clay to siltyclay
- (4) Clayesilt to siltyclay
- (5) Sand mixtures
- (6) Sands
- (7) Gravelly sand to sand
- (8) Very stiff sand to clayey sand
- (9) Very stiff fine grained



	Test acc NZ class	Date : 22/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : DF21GE034
	Position: 174.95477, -37.03749 WGS 84	CPT no. : CPT_18 27/30





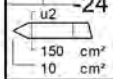
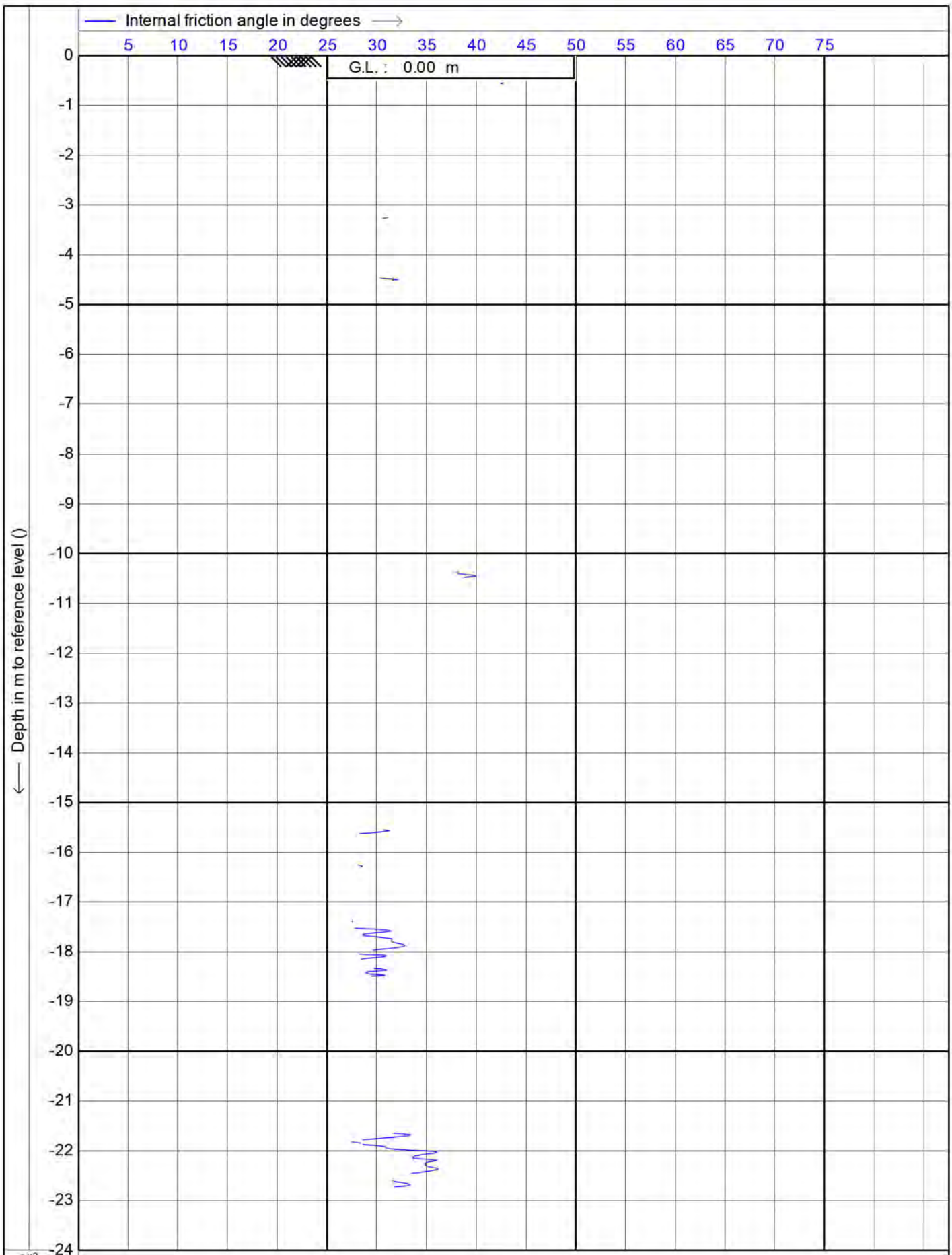
- (0) Not defined
- (1) Sensitive, fine grained
- (2) Organic soils-peats
- (3) Clays-clay to siltyclay
- (4) Clayesilt to siltyclay
- (5) Sand mixtures
- (6) Sands
- (7) Gravellysand to sand
- (8) Very stiff sand to clayesand
- (9) Very stiff fine grained

Soil behaviour type classification after Robertson 1990



Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95477, -37.03749 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_18 28/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

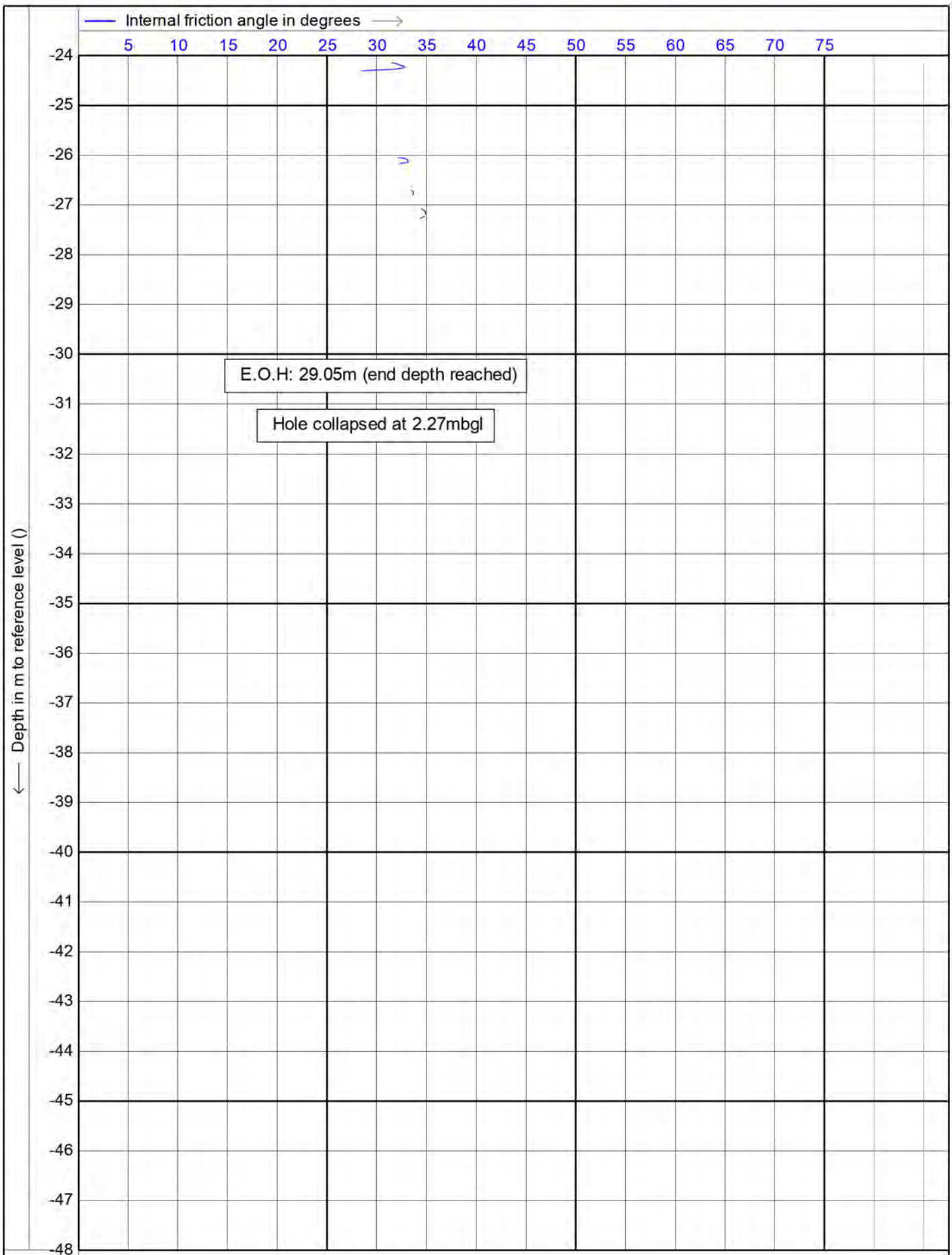
Position: 174.95477, -37.03749 WGS 84

Date : 22/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_18** 29/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95477, -37.03749 WGS 84

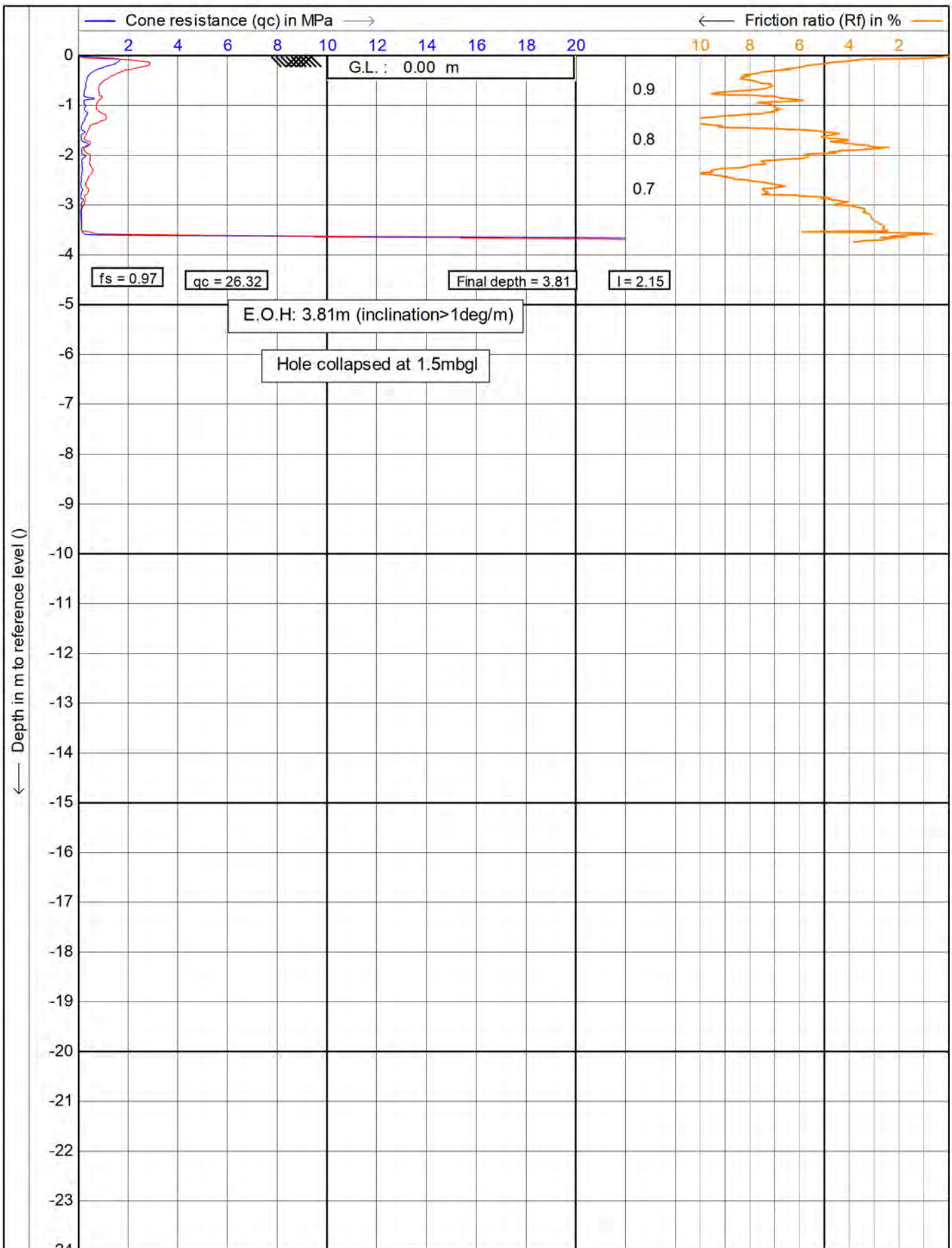
Date : 22/04/2021

Cone no. : S10CFIIP.S16082

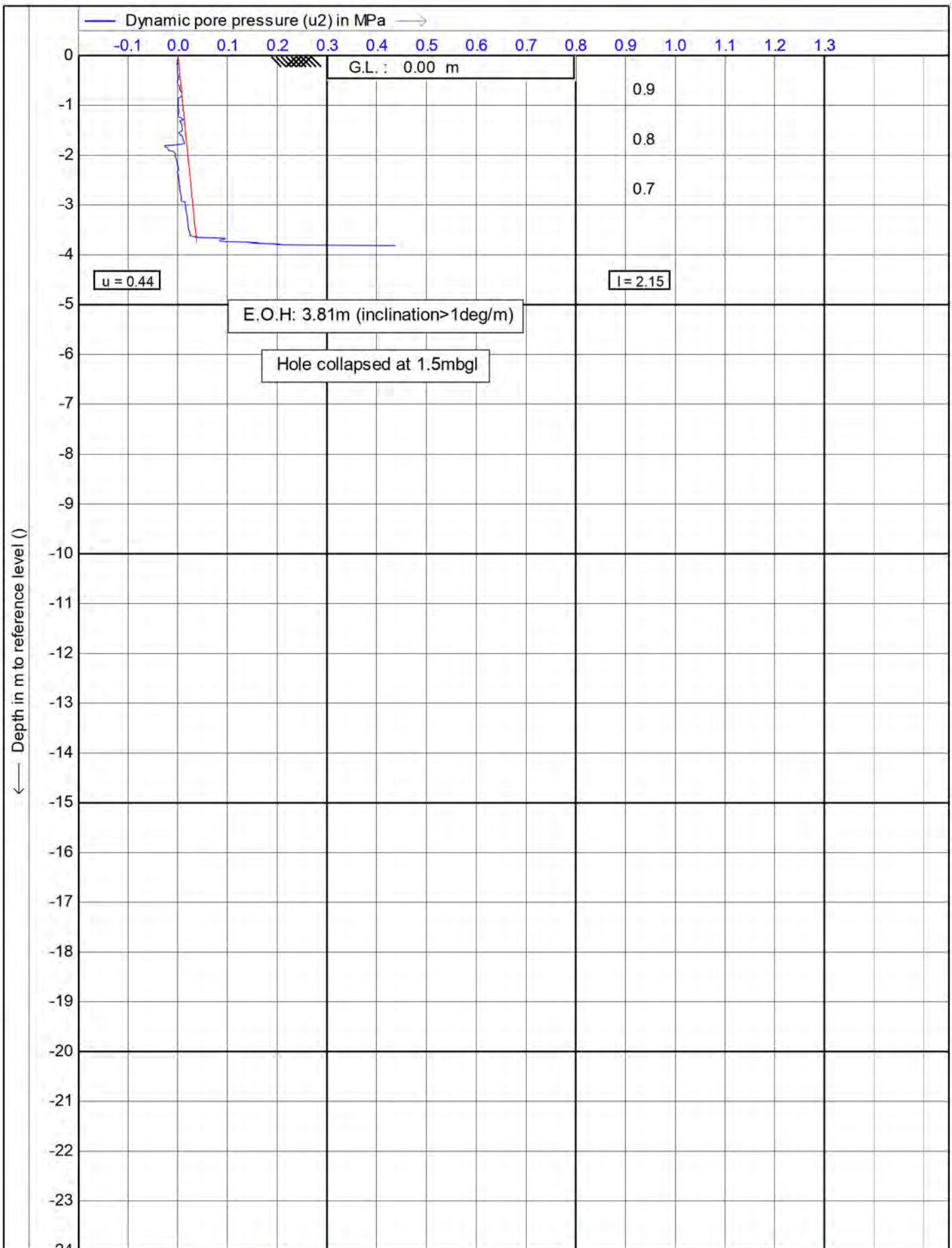
Project no. : **DF21GE034**

CPT no. : **CPT\_18** 30/30





Test acc NZ class	Date : 22/04/2021
Project : Hamlin Rd	Cone no. : S10CFIIP.S16082
Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
Position: 174.95139, -37.03854 WGS 84	CPT no. : <b>CPT_19</b> 1/15

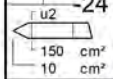
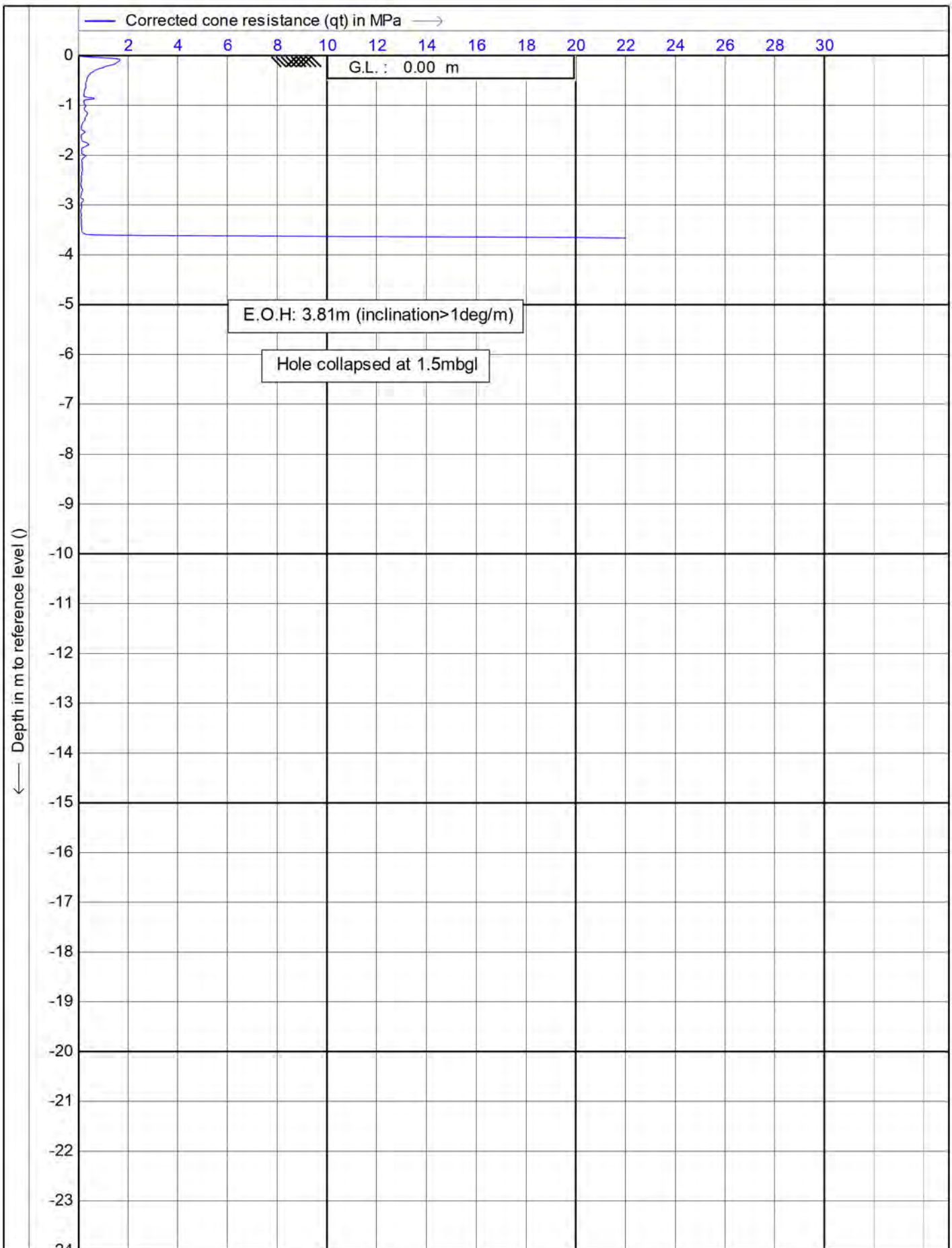


**u2** Dynamic pore pressure (u2) in MPa →  
 **u0** Equilibrium pore pressure (u0) in MPa →  
 **I** Inclination (I) in degr



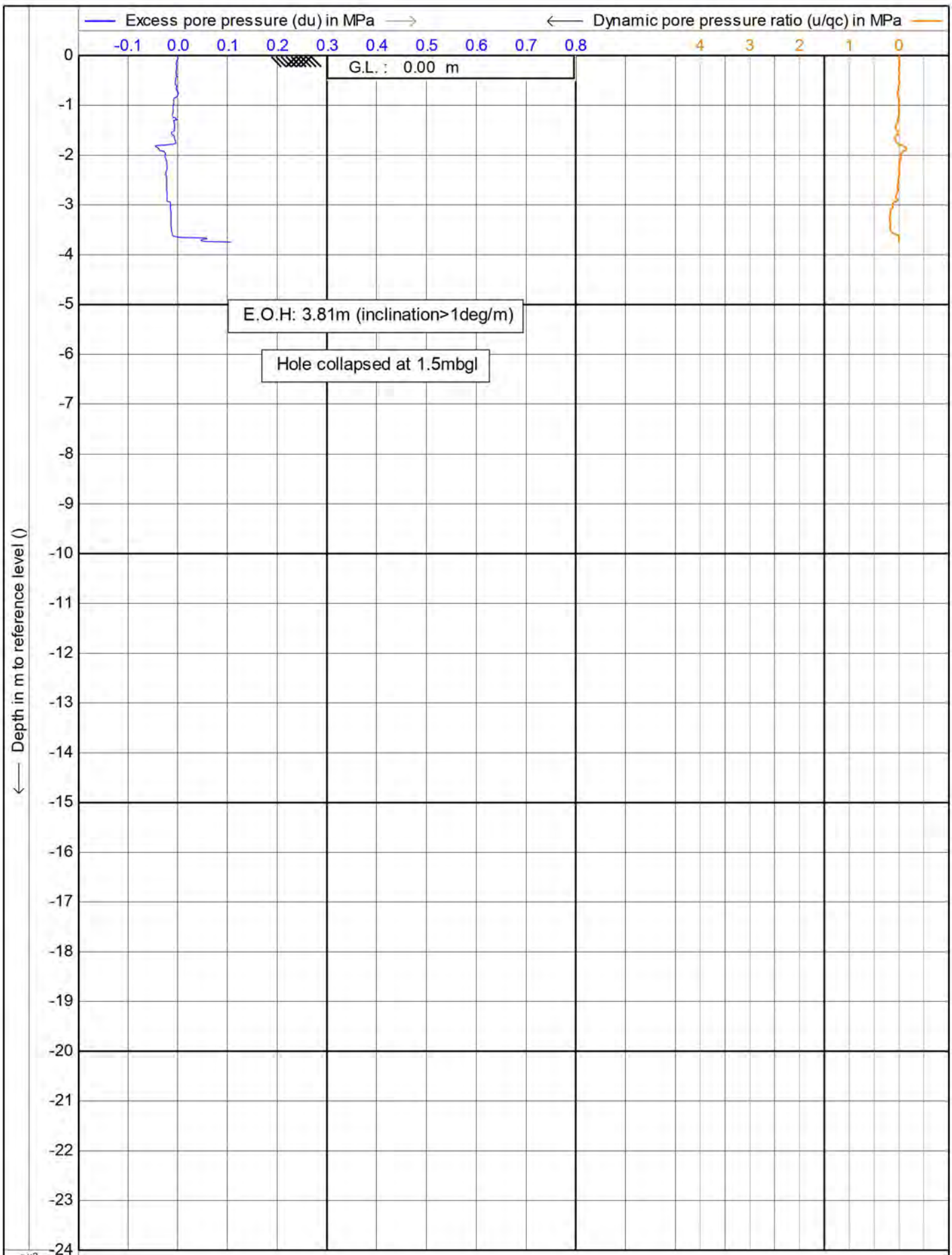
Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_19** 2/15

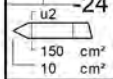


Test acc NZ class	Date : 22/04/2021
Project : Hamlin Rd	Cone no. : S10CFIIP.S16082
Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
Position: 174.95139, -37.03854 WGS 84	CPT no. : <b>CPT_19</b> 3/15

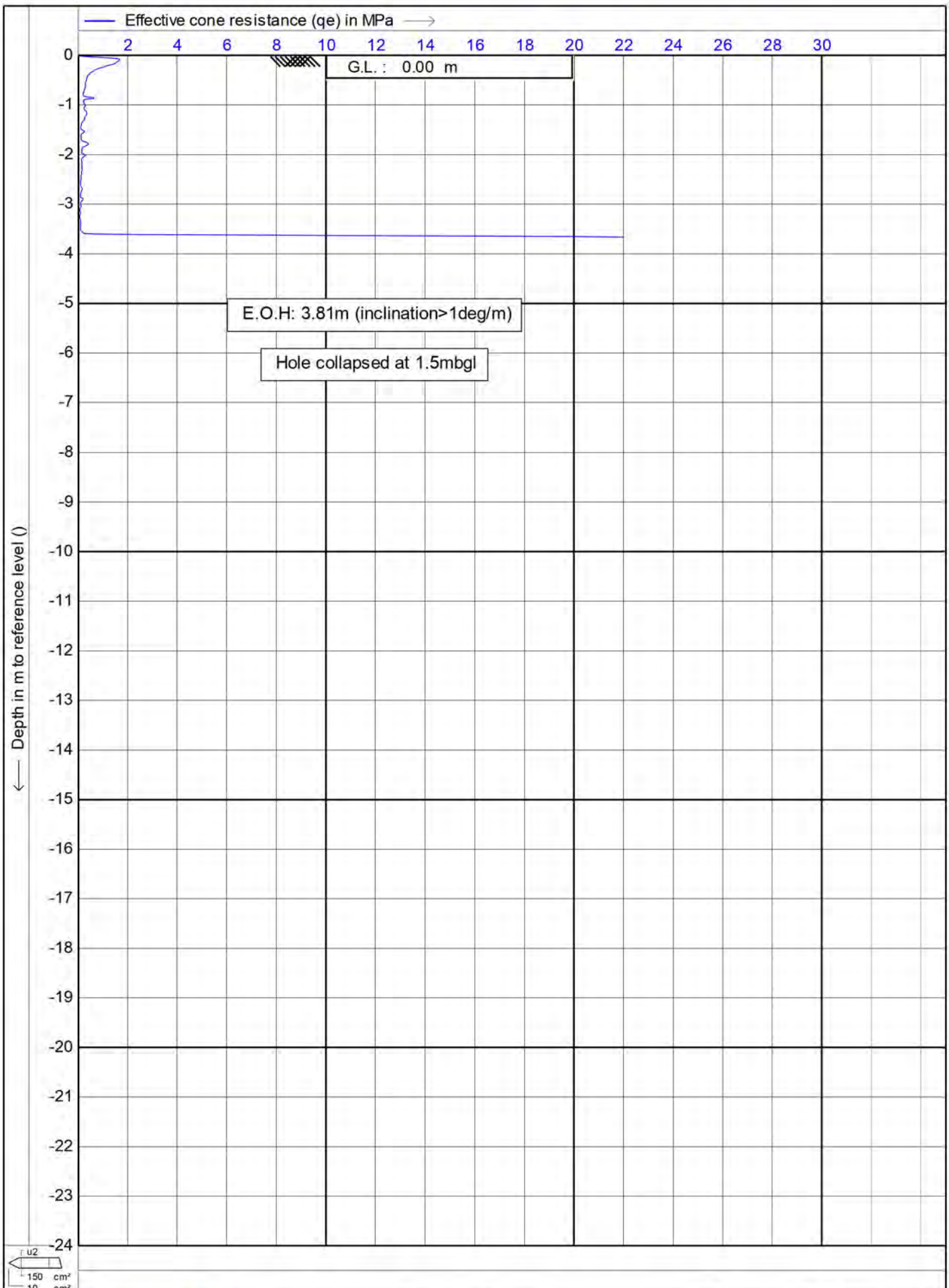




Depth in m to reference level ( )



	Test acc NZ class	Date : 22/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
	Position: 174.95139, -37.03854 WGS 84	CPT no. : <b>CPT_19</b> 4/15



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

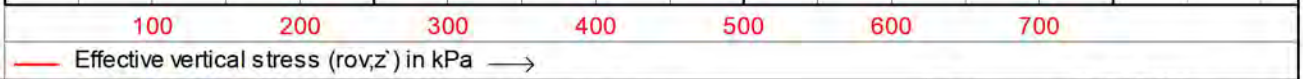
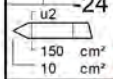
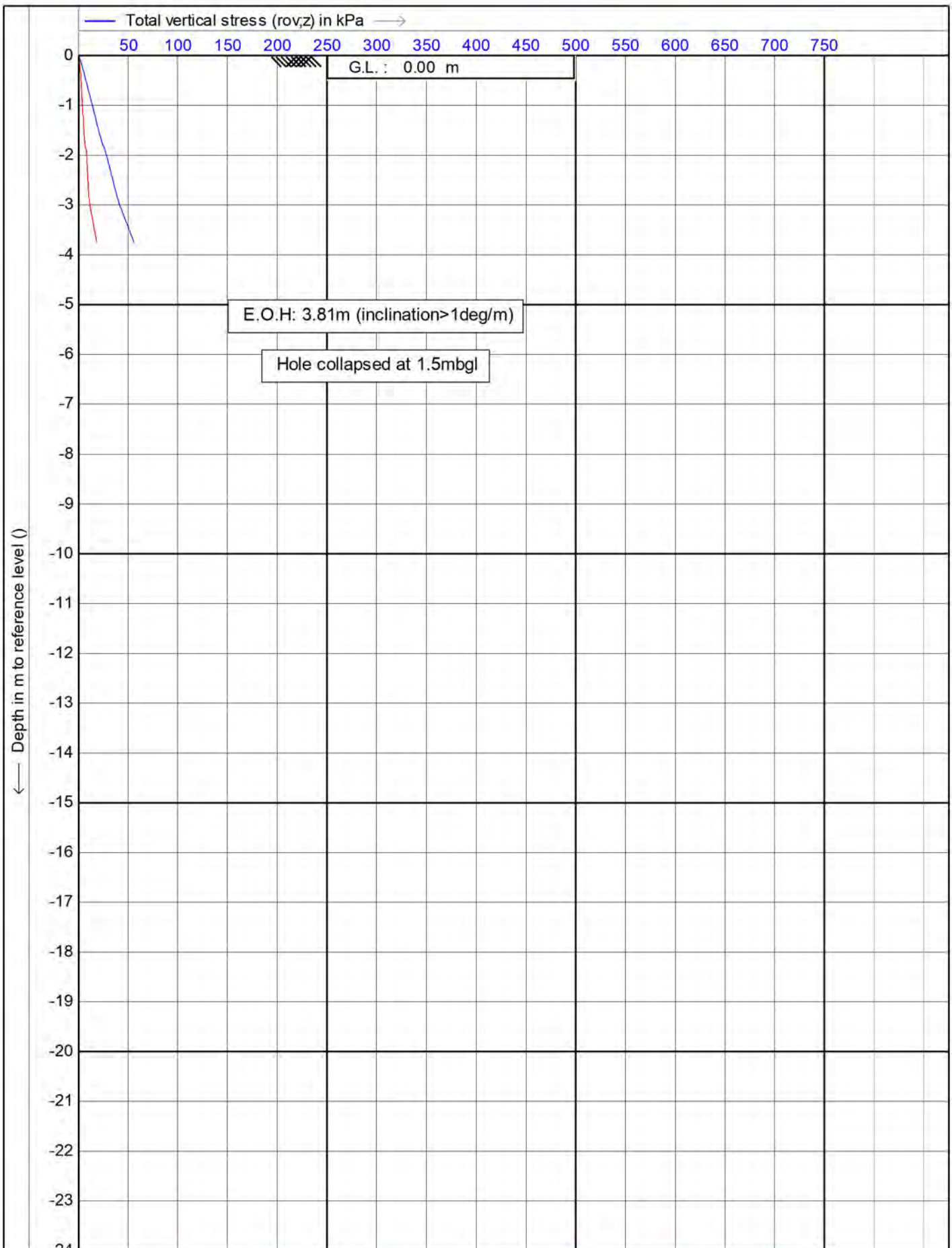
Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

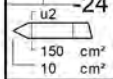
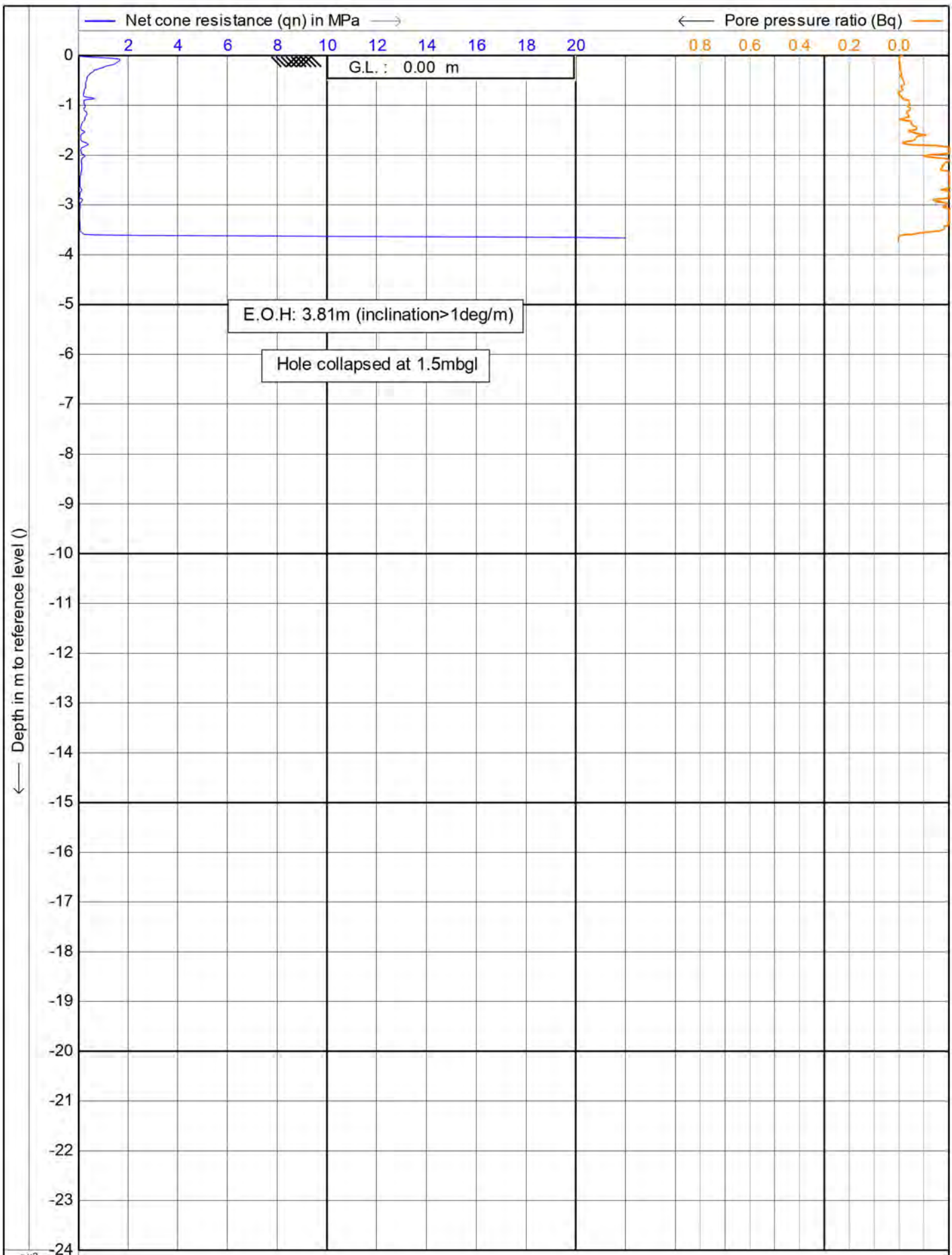
CPT no. : **CPT\_19** 5/15



Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95139, -37.03854 WGS 84

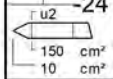
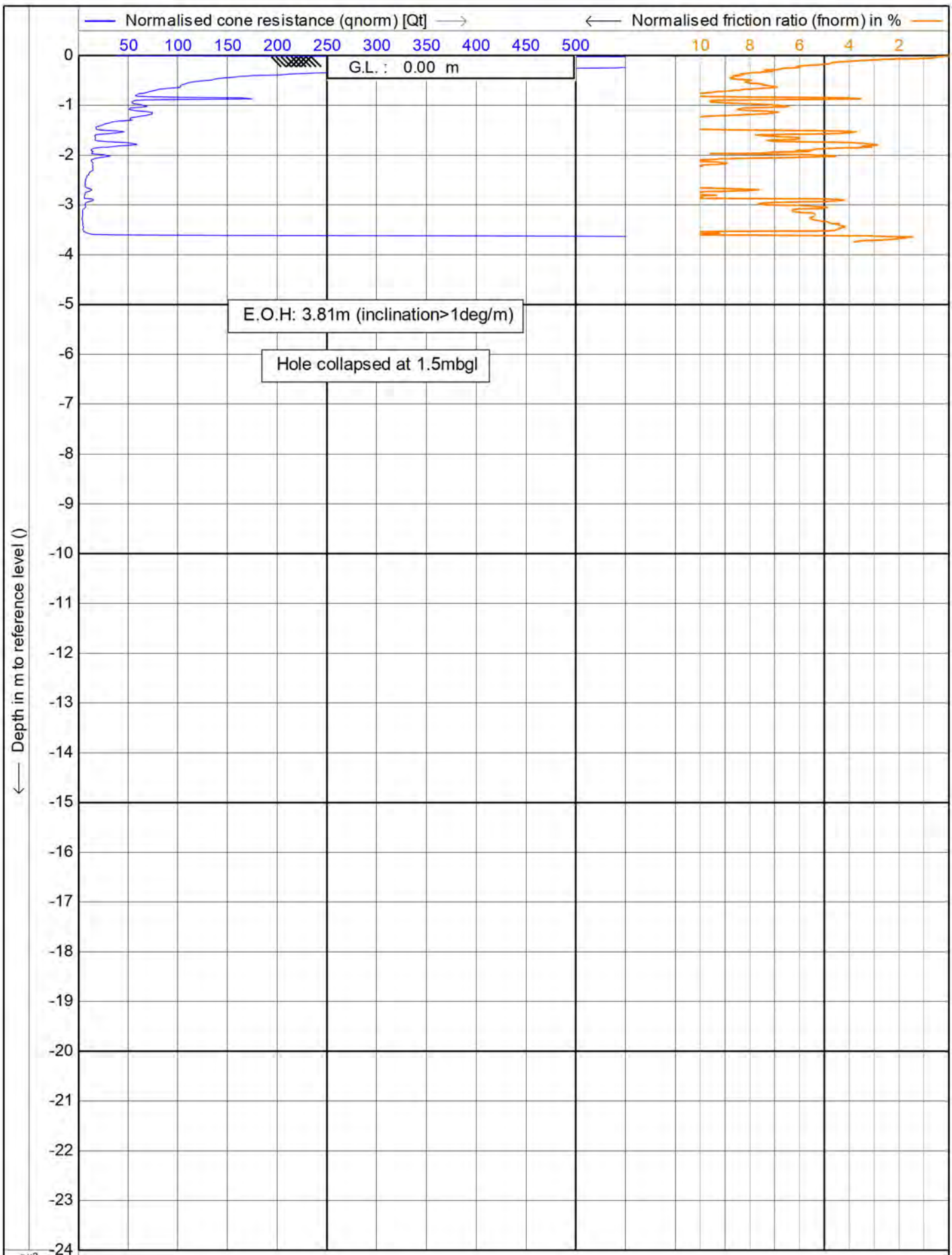
Date : 22/04/2021  
 Cone no. : S10CFIIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_19** 6/15





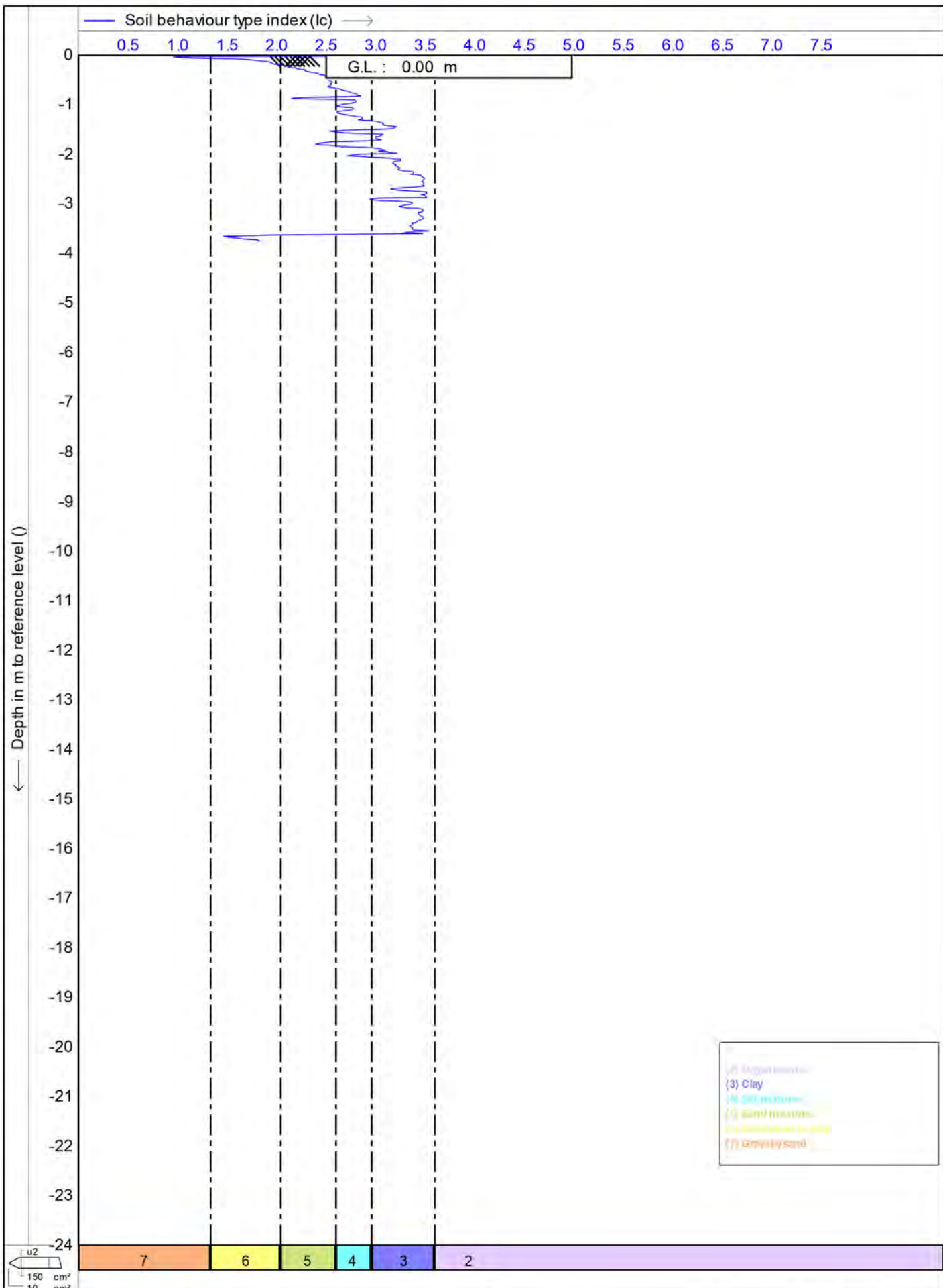
Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_19** 7/15



Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_19 8/15



150 cm<sup>2</sup>  
10 cm<sup>2</sup>



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95139, -37.03854 WGS 84

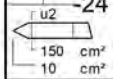
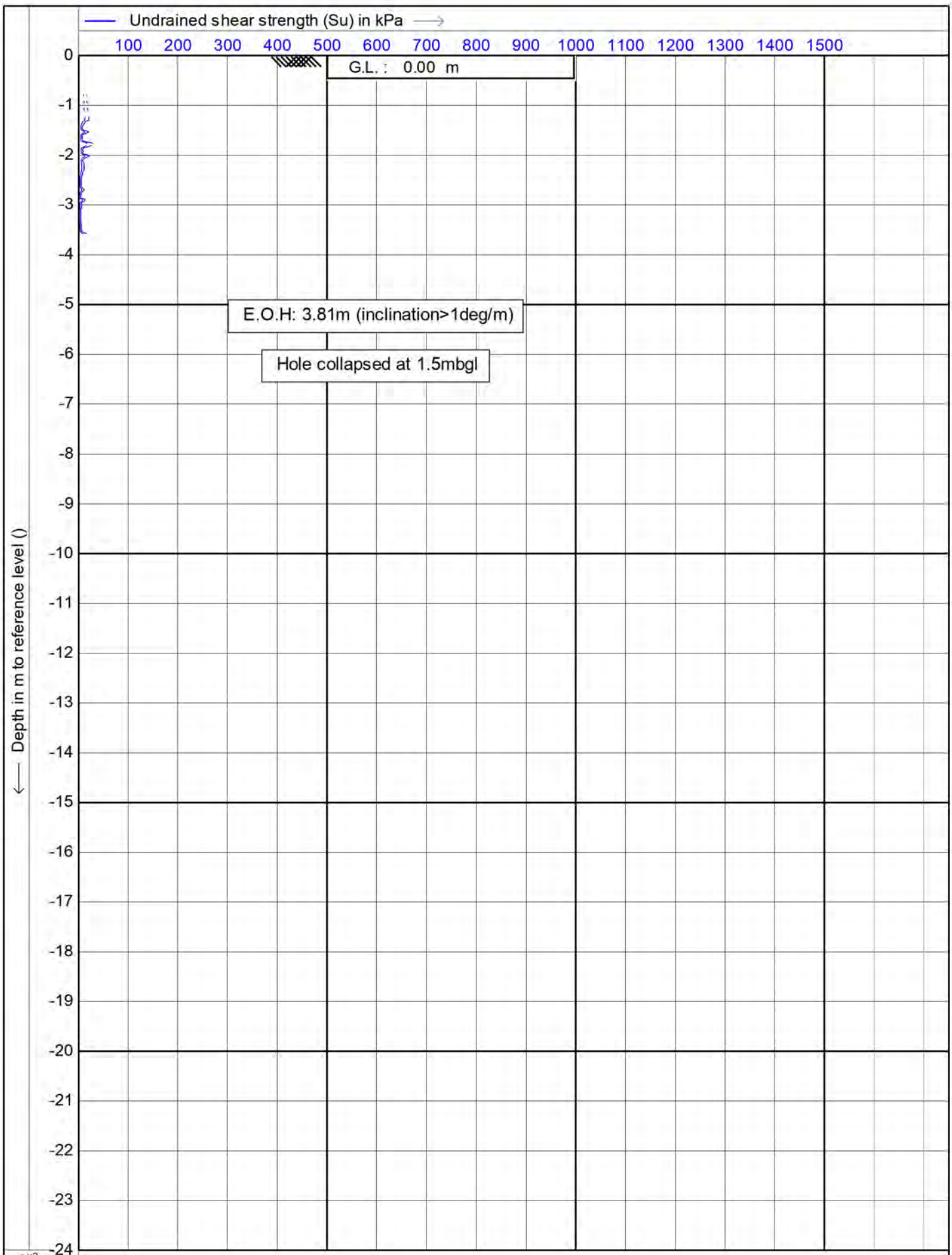
Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_19** 9/15





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

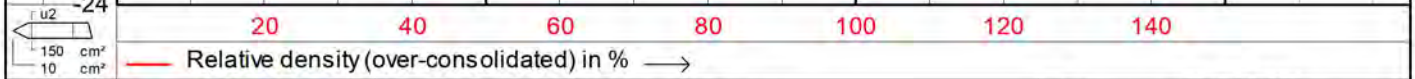
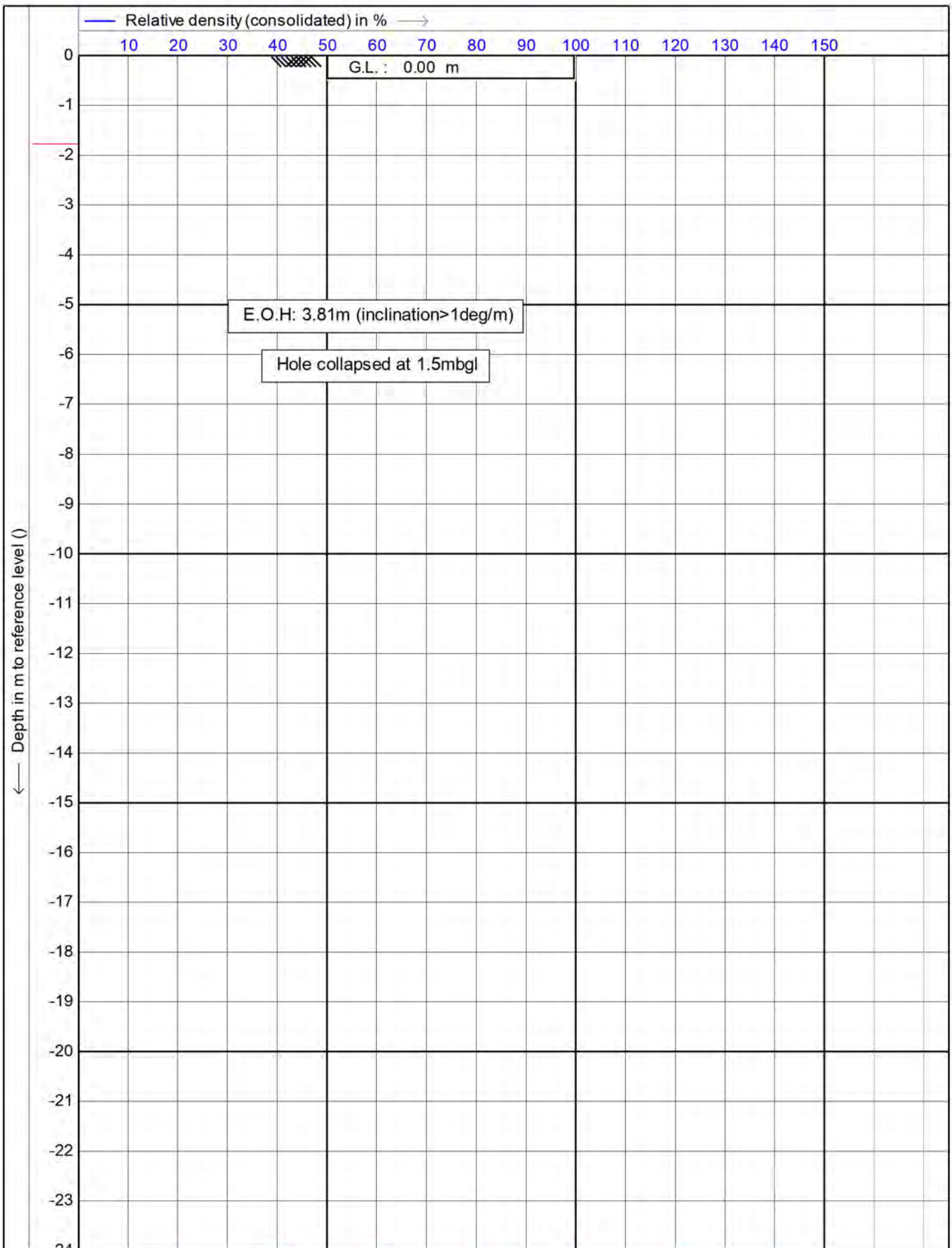
Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_19** 10/15



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

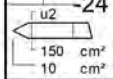
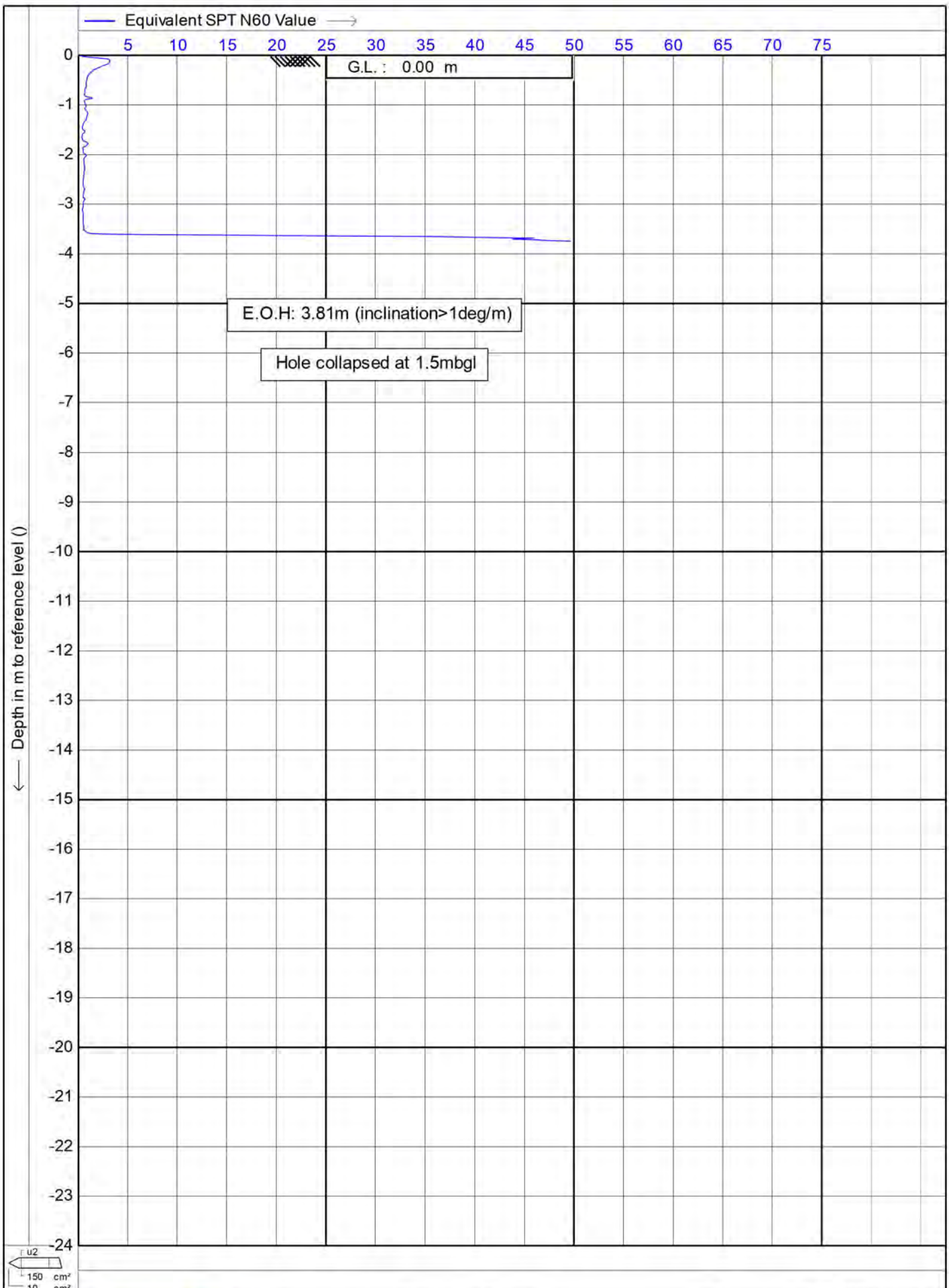
Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_19** 11/15



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95139, -37.03854 WGS 84

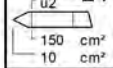
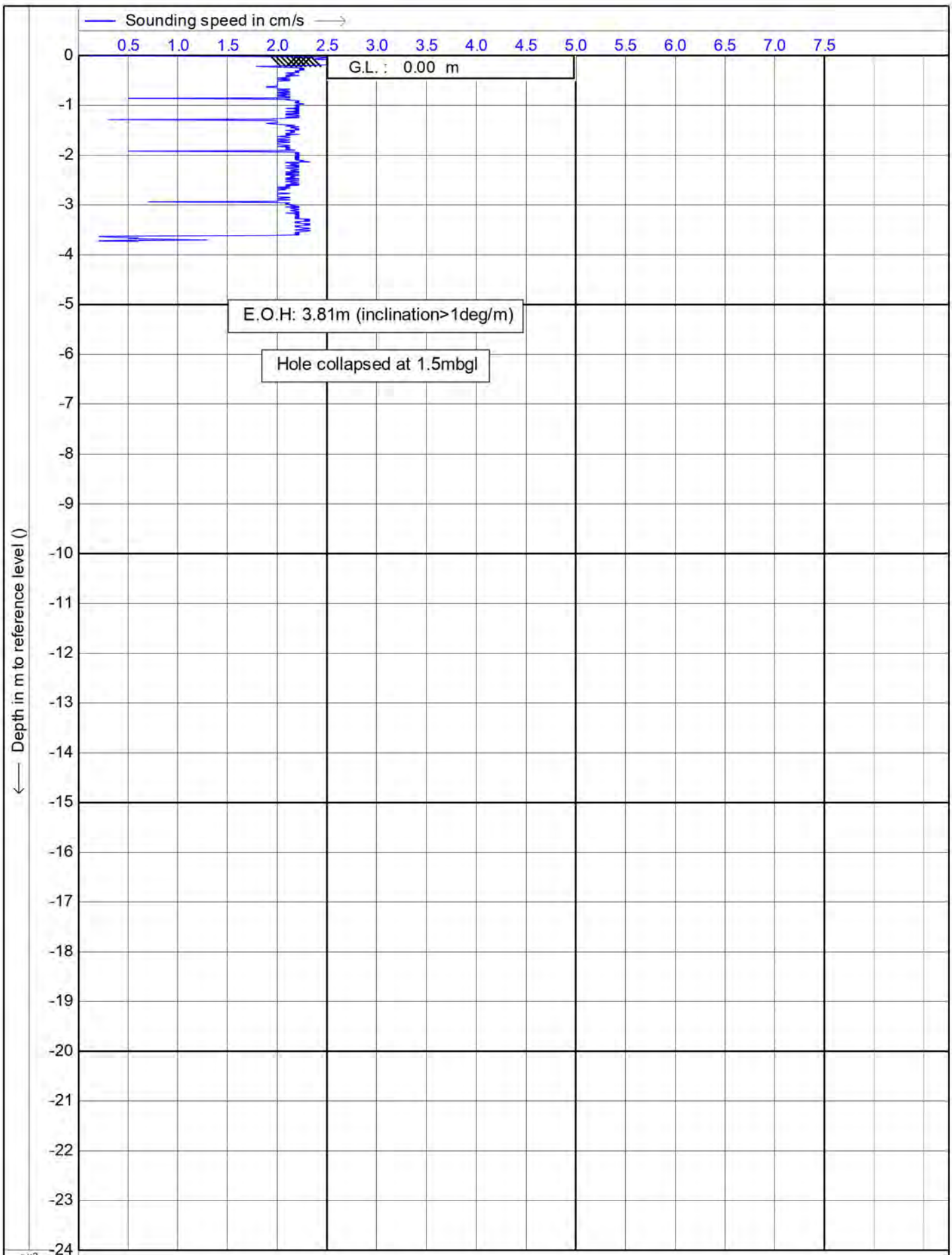
Date : 22/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

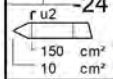
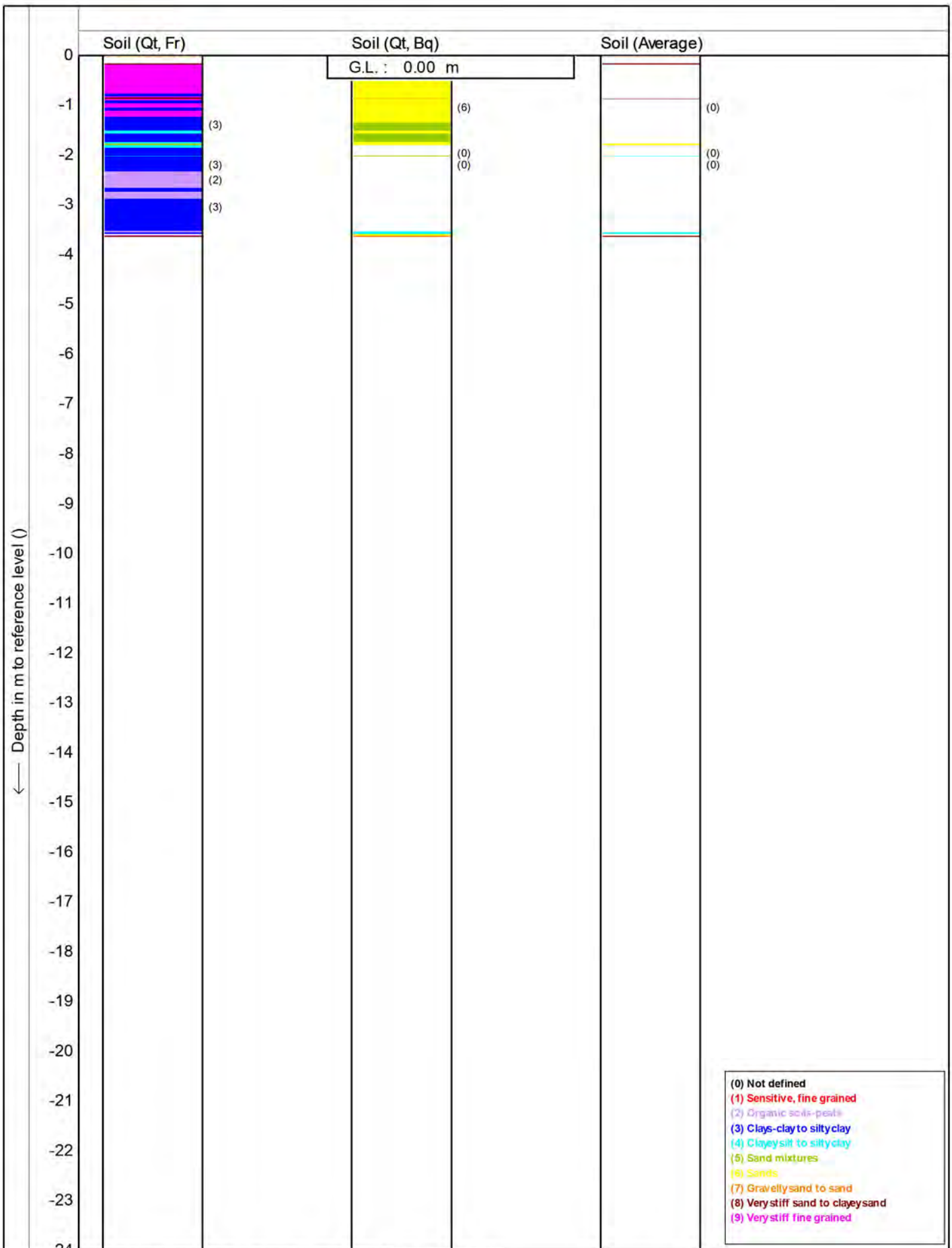
CPT no. : **CPT\_19** 12/15



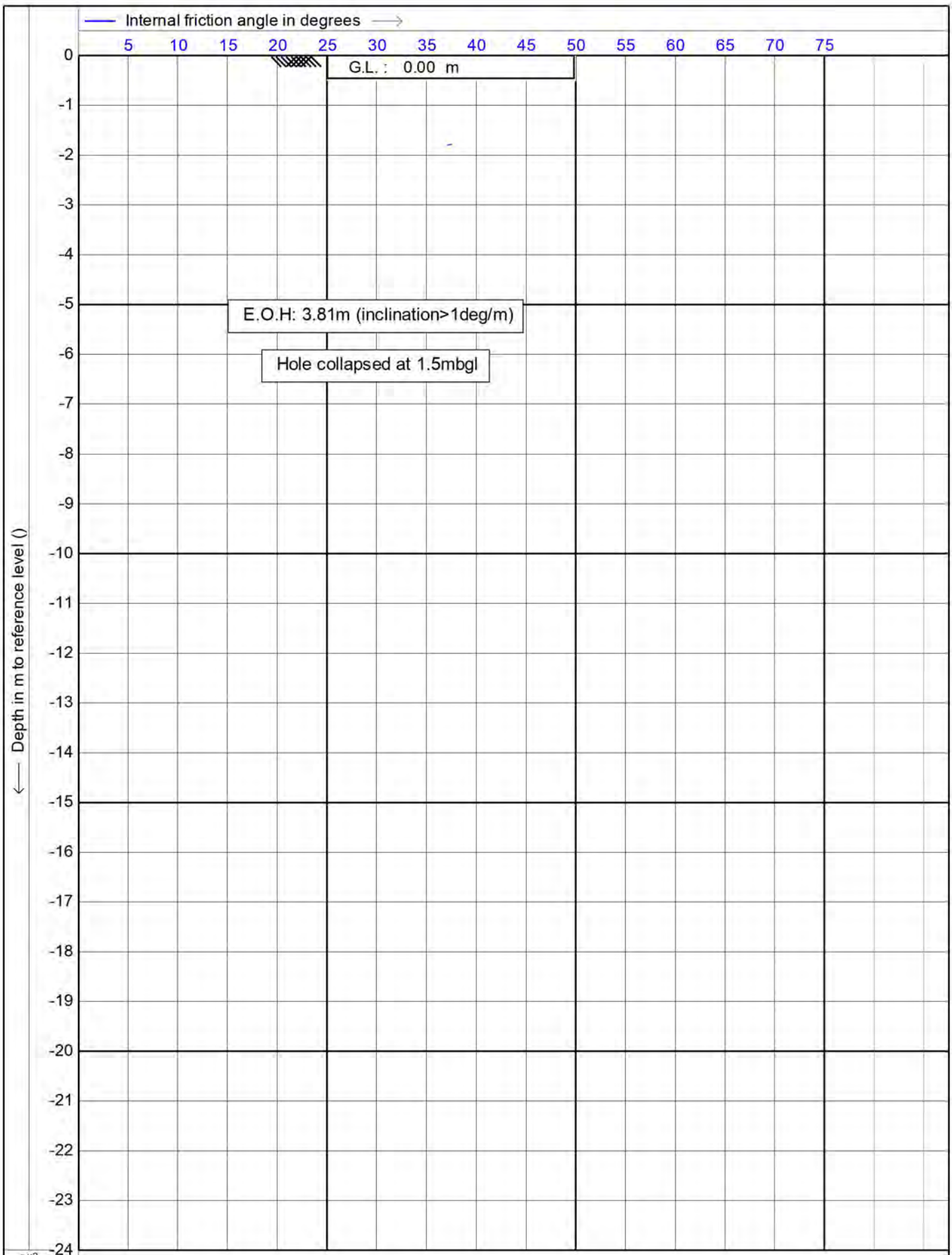


Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_19** 13/15



	Test acc NZ class	Date : 22/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : DF21GE034
	Position: 174.95139, -37.03854 WGS 84	CPT no. : CPT_19 14/15



Depth in m to reference level ( )

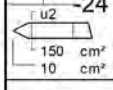
Internal friction angle in degrees →

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

G.L. : 0.00 m

E.O.H: 3.81m (inclination > 1deg/m)

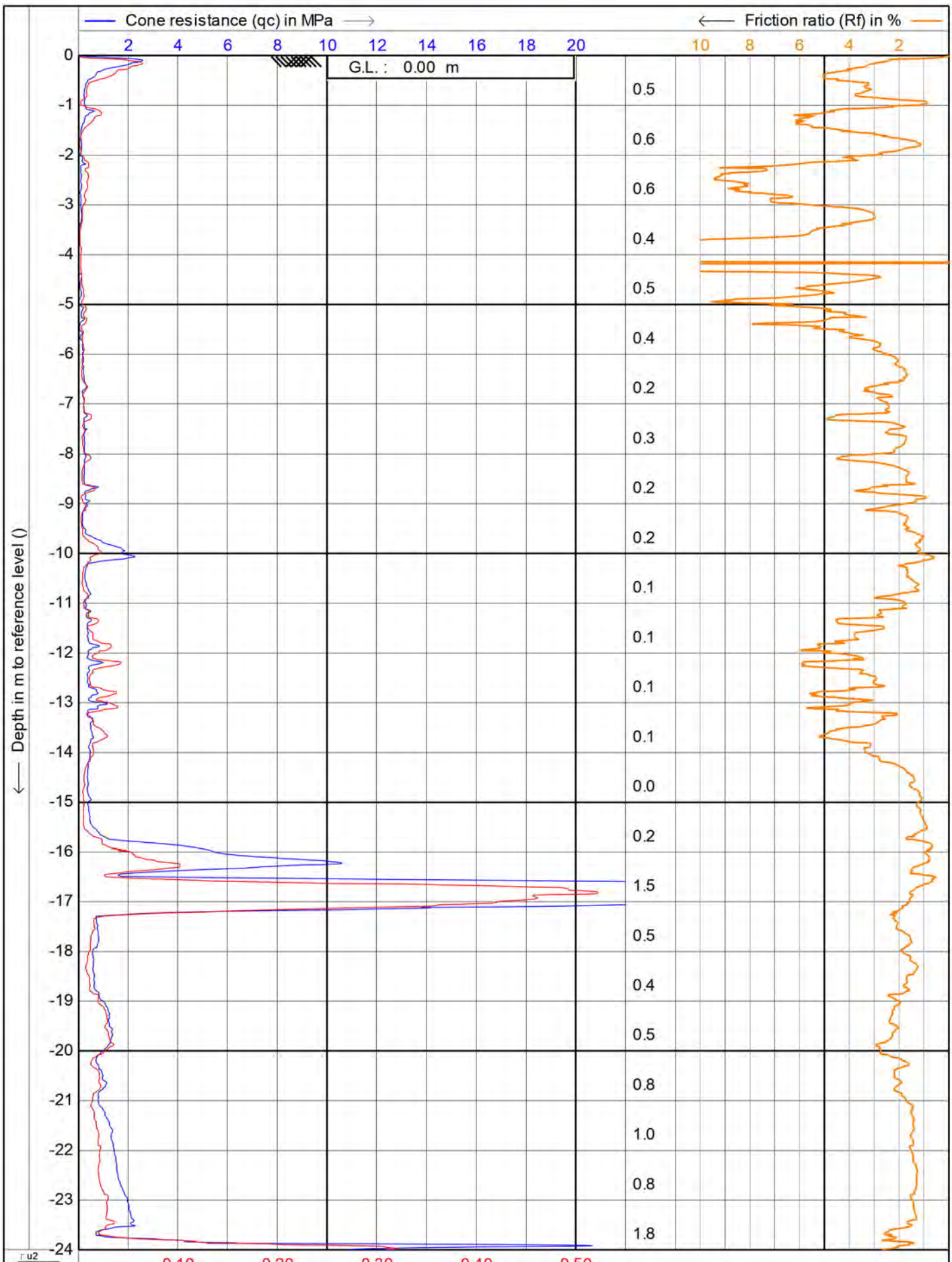
Hole collapsed at 1.5mbgl



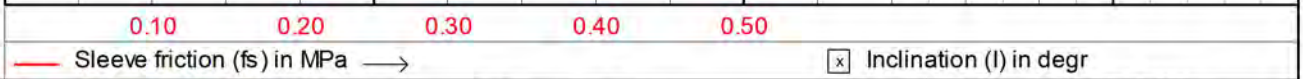
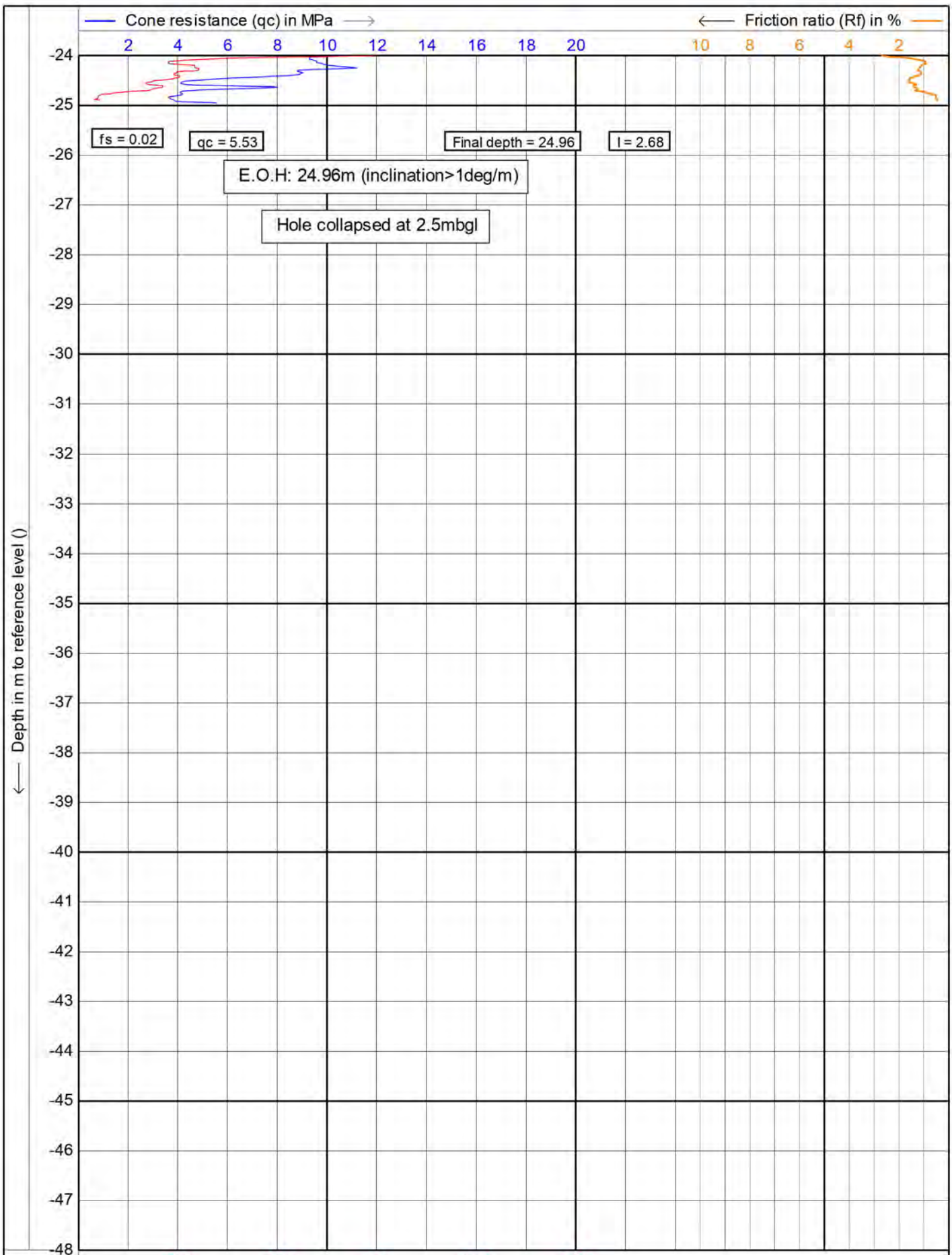
Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_19 15/15

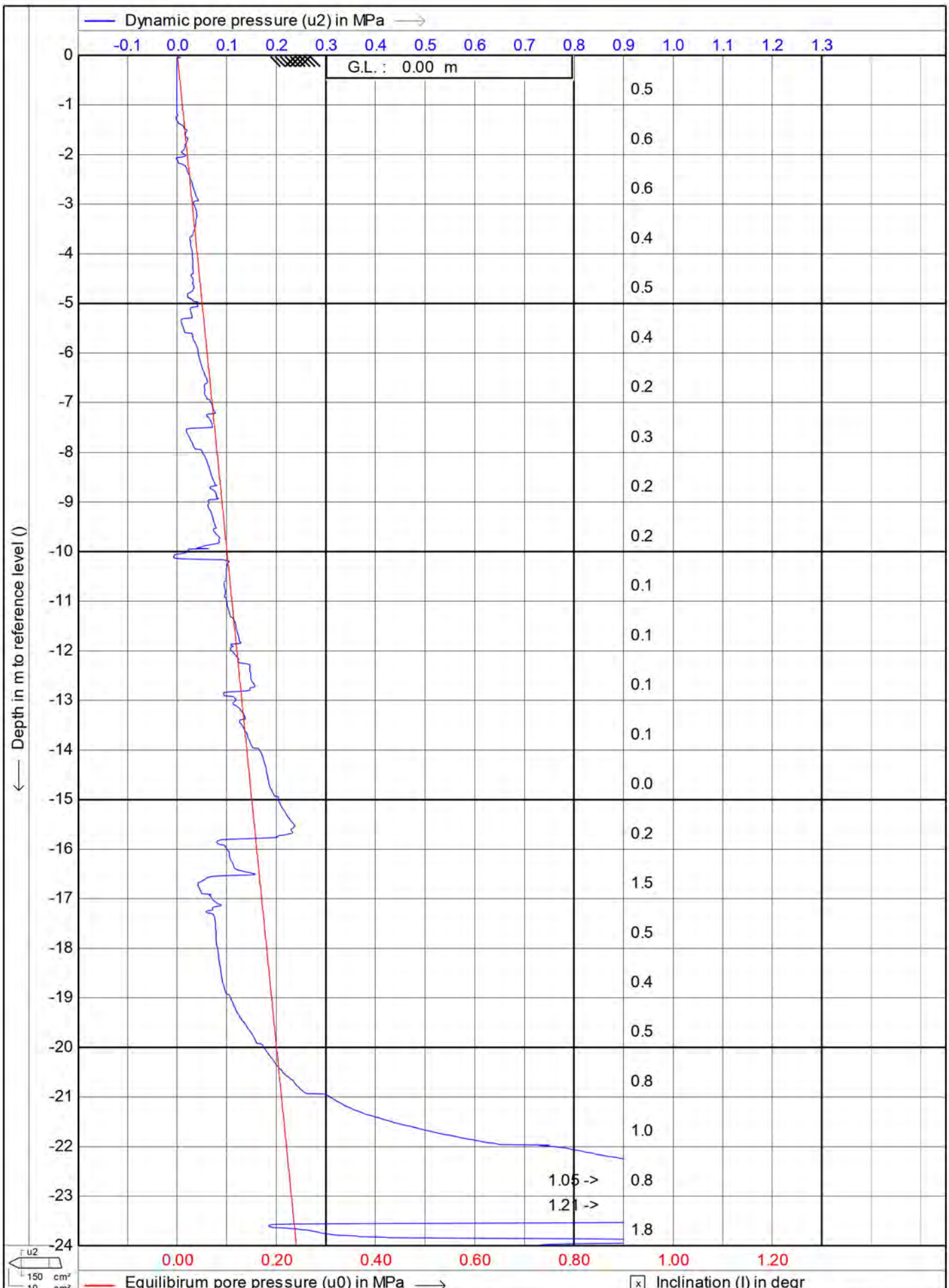




	Test acc NZ class	Date : 22/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
	Position: 174.95139, -37.03854 WGS 84	CPT no. : CPT_19A 1/30



Test acc NZ class	Date : 22/04/2021
Project : Hamlin Rd	Cone no. : S10CFIP.S16082
Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
Position: 174.95139, -37.03854 WGS 84	CPT no. : CPT_19A 2/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95139, -37.03854 WGS 84

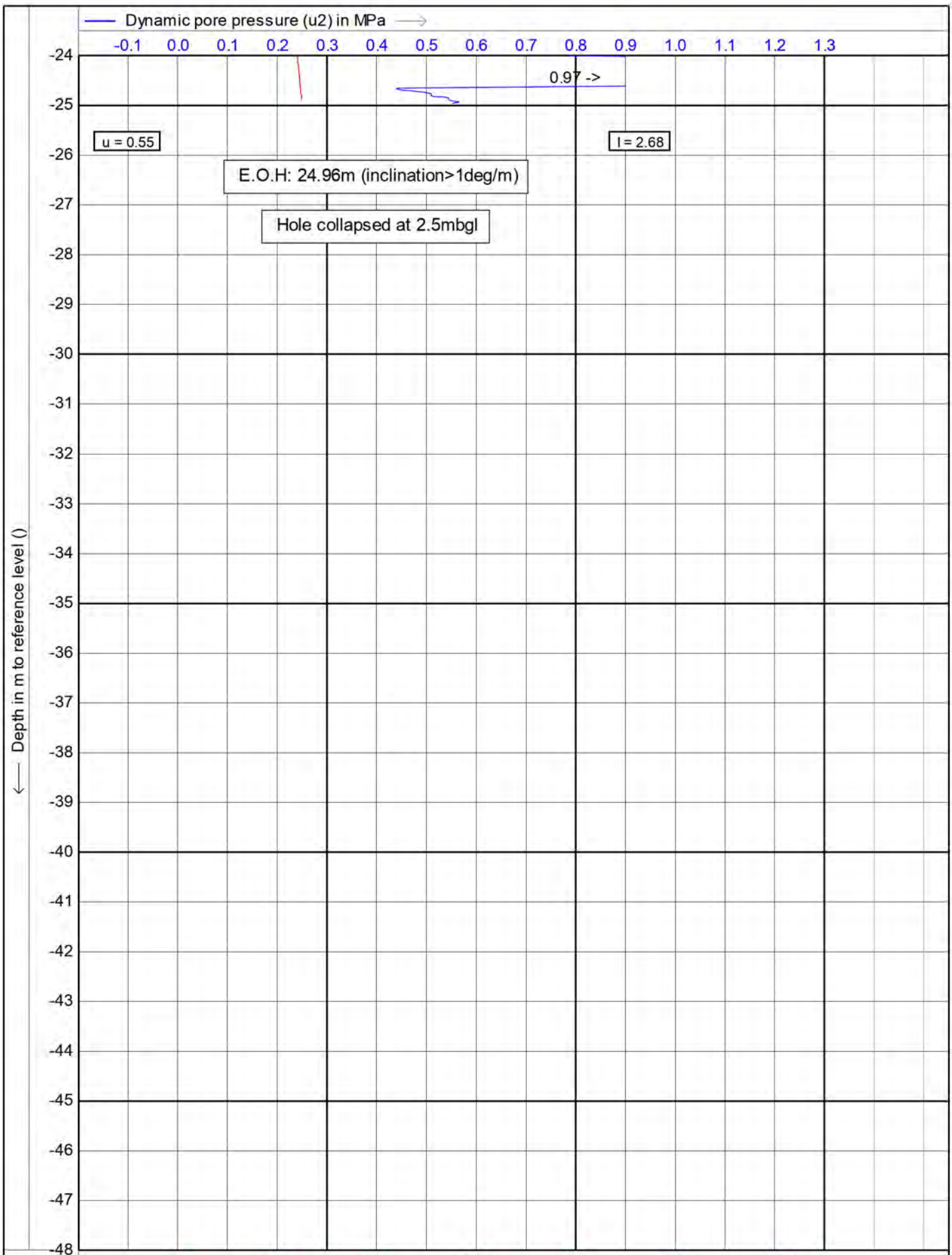
Date : 22/04/2021

Cone no. : S10CFIP.S16082

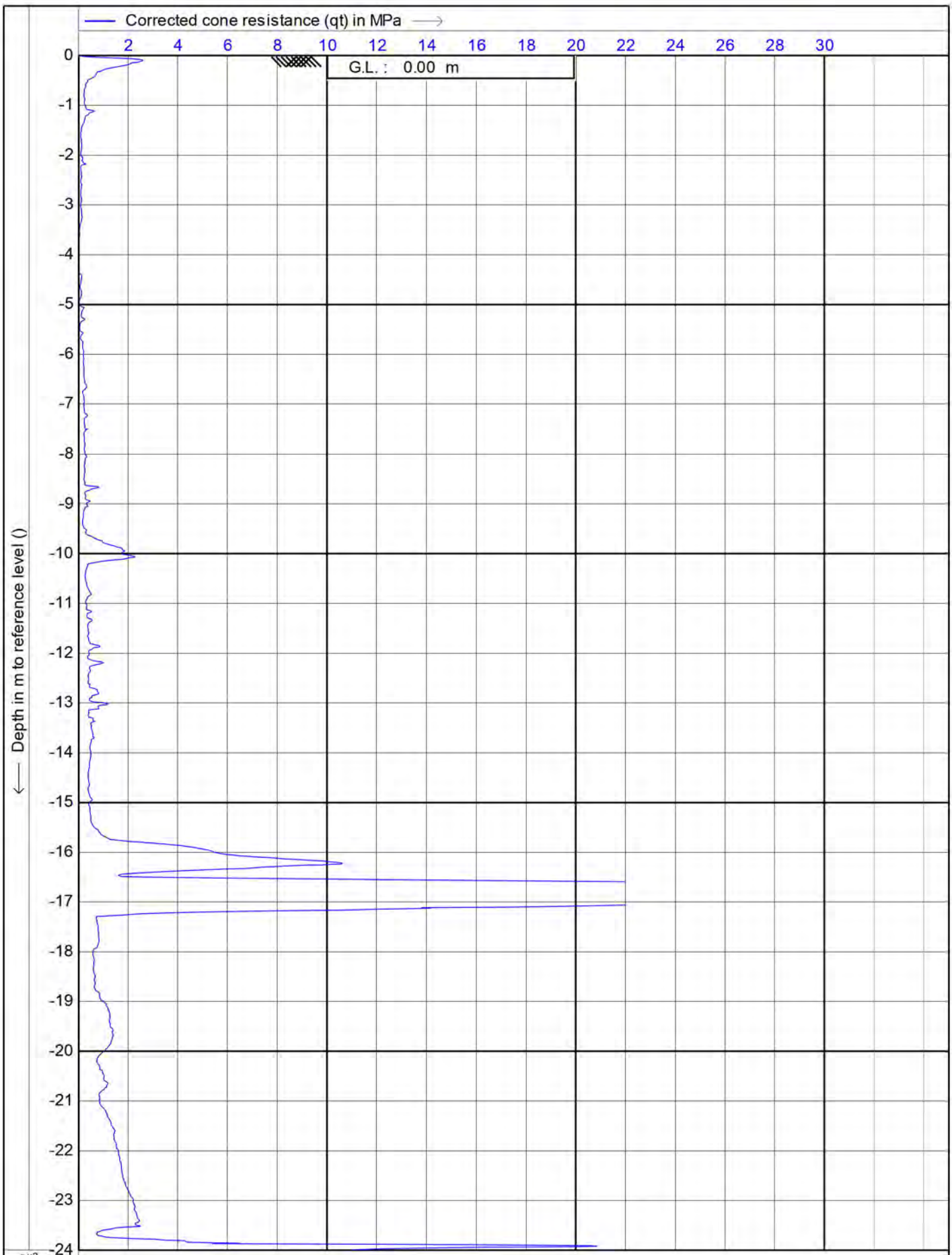
Project no. : **DF21GE034**

CPT no. : CPT\_19A 3/30





Test acc NZ class	Date : 22/04/2021
Project : Hamlin Rd	Cone no. : S10CFIP.S16082
Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
Position: 174.95139, -37.03854 WGS 84	CPT no. : CPT_19A 4/30



F U2  
150 cm²  
10 cm²



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

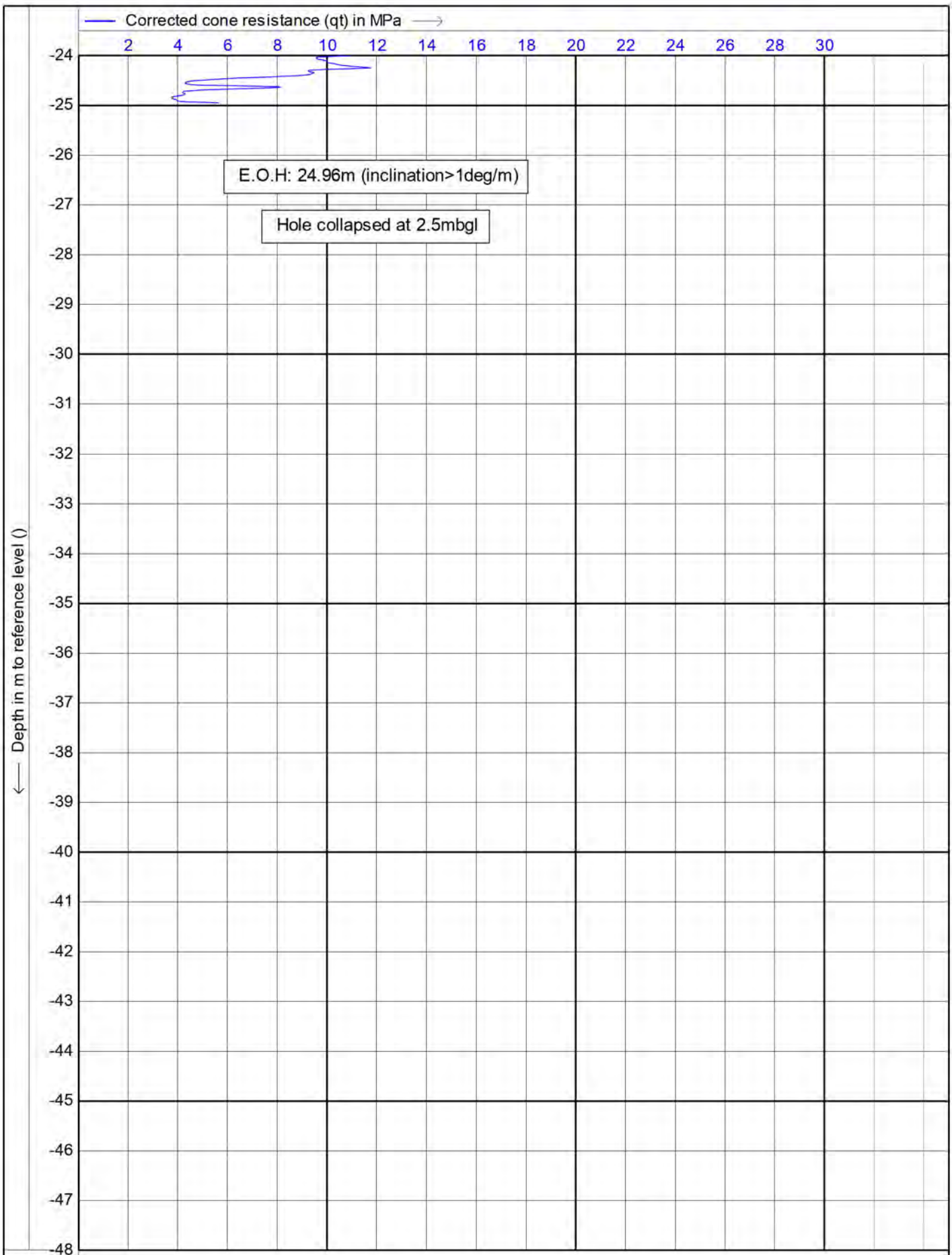
Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : CPT\_19A 5/30

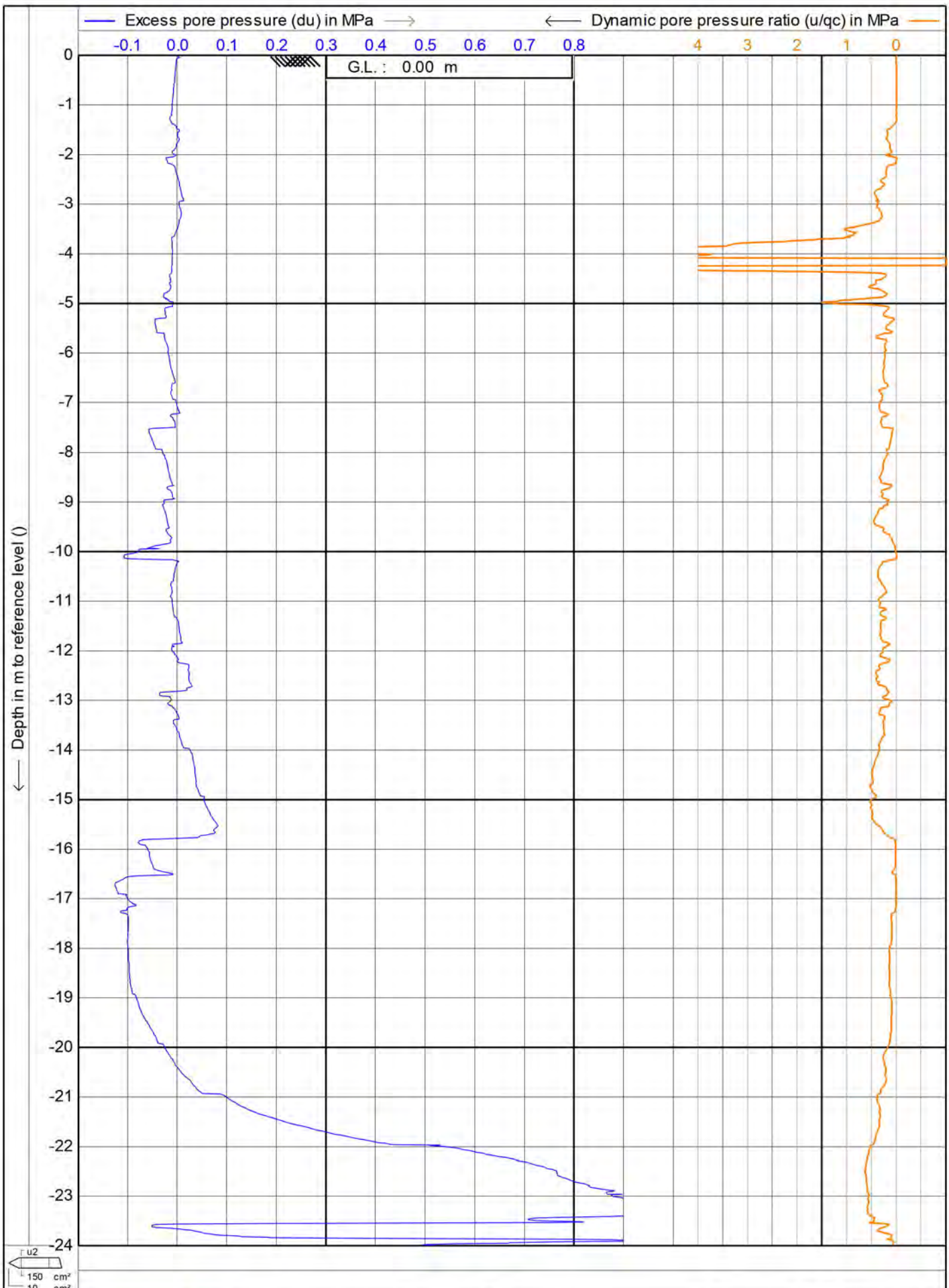


Test acc NZ class

Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95139, -37.03854 WGS 84

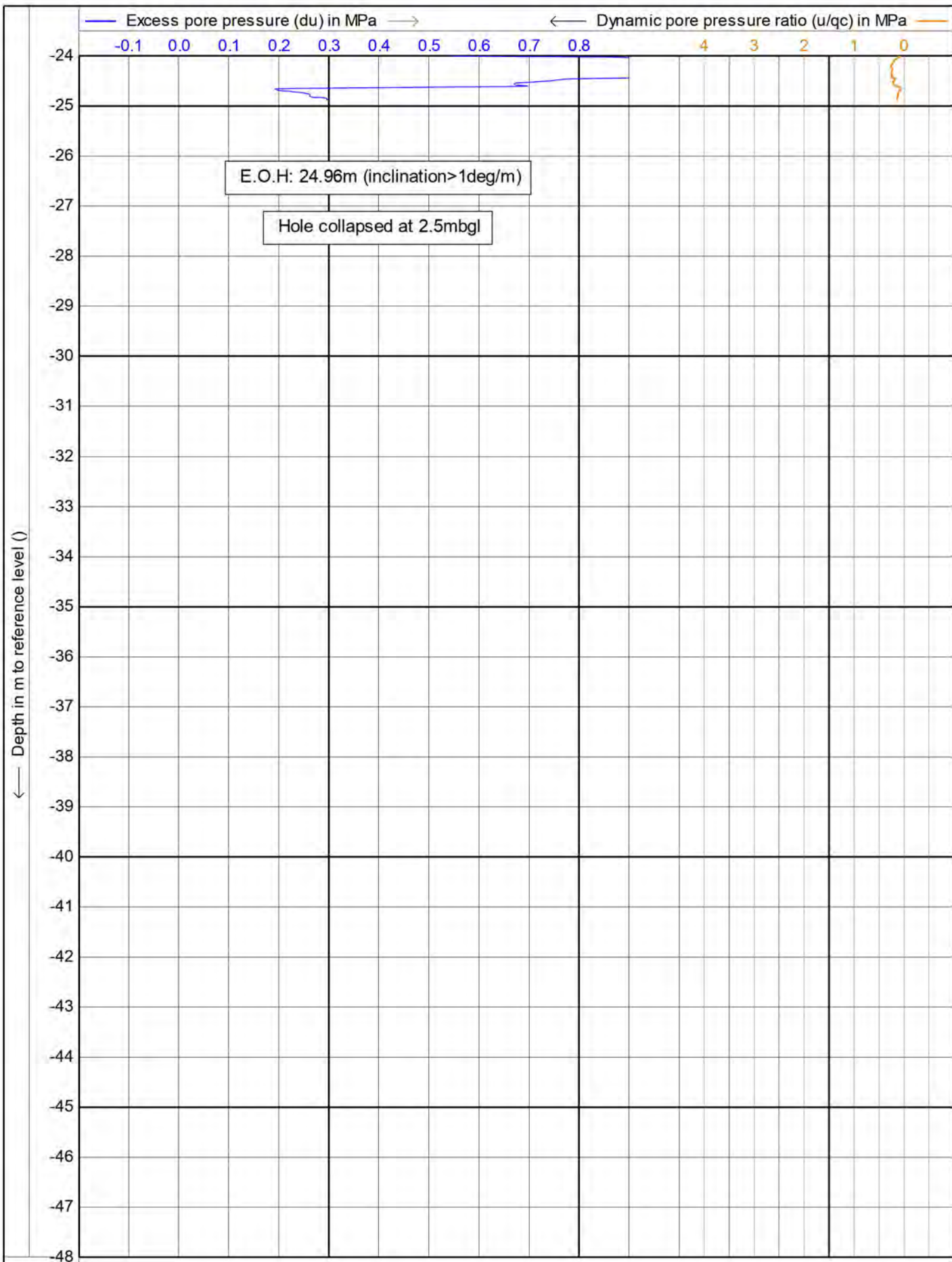
Date : 22/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : CPT\_19A 6/30





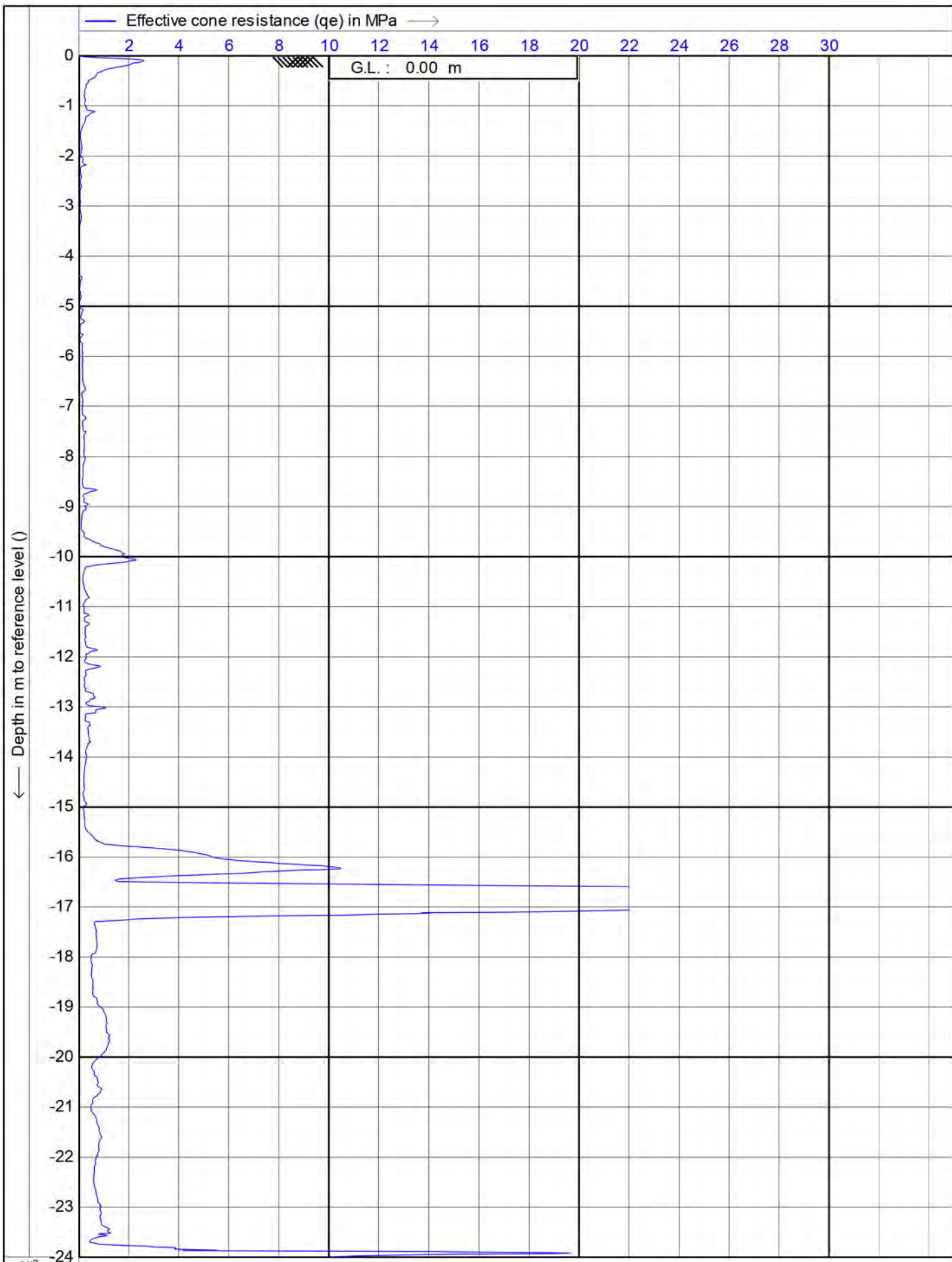
Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : CPT\_19A 7/30



Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : CPT\_19A 8/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95139, -37.03854 WGS 84

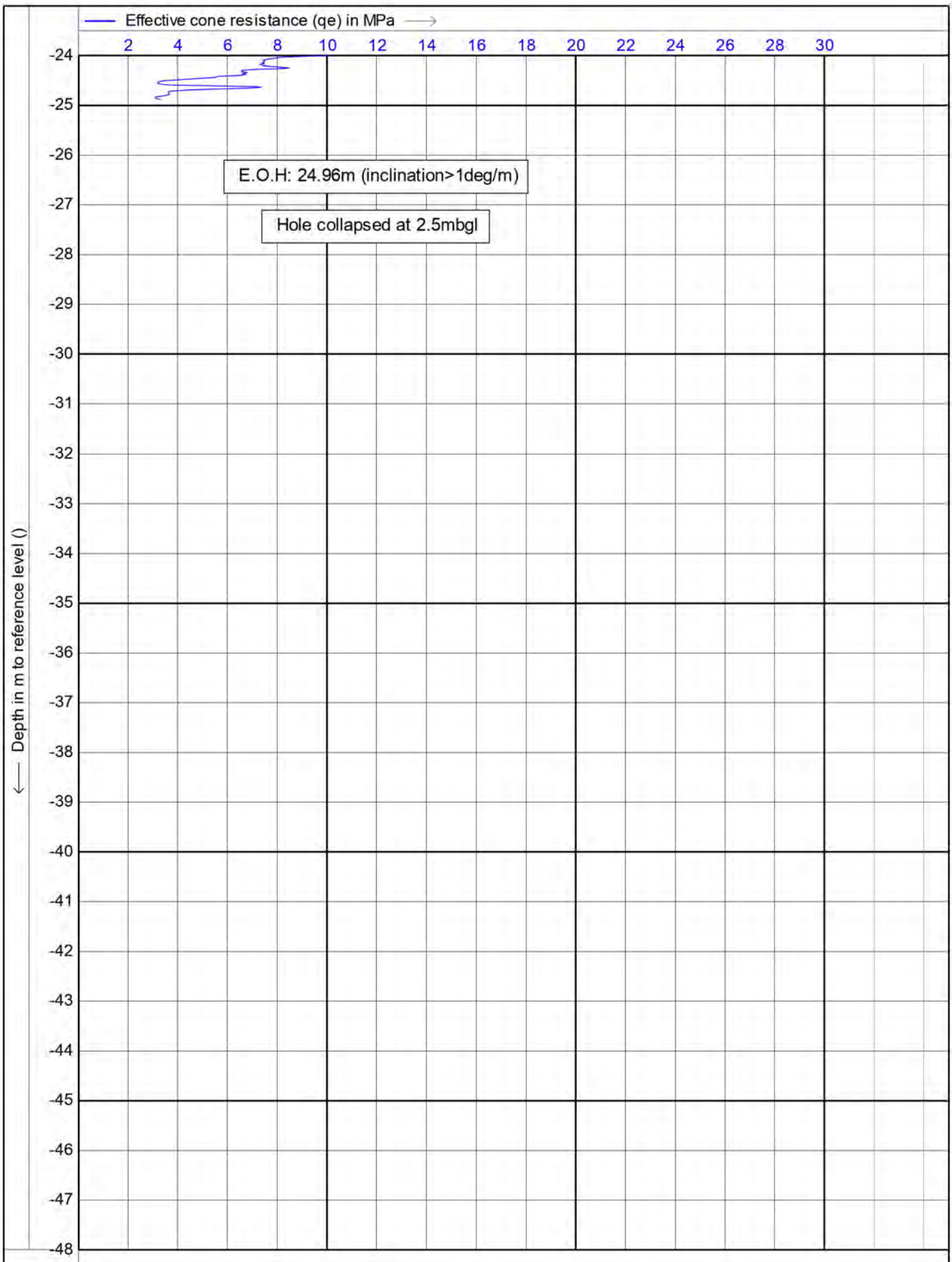
Date : 22/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : CPT\_19A 9/30





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

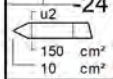
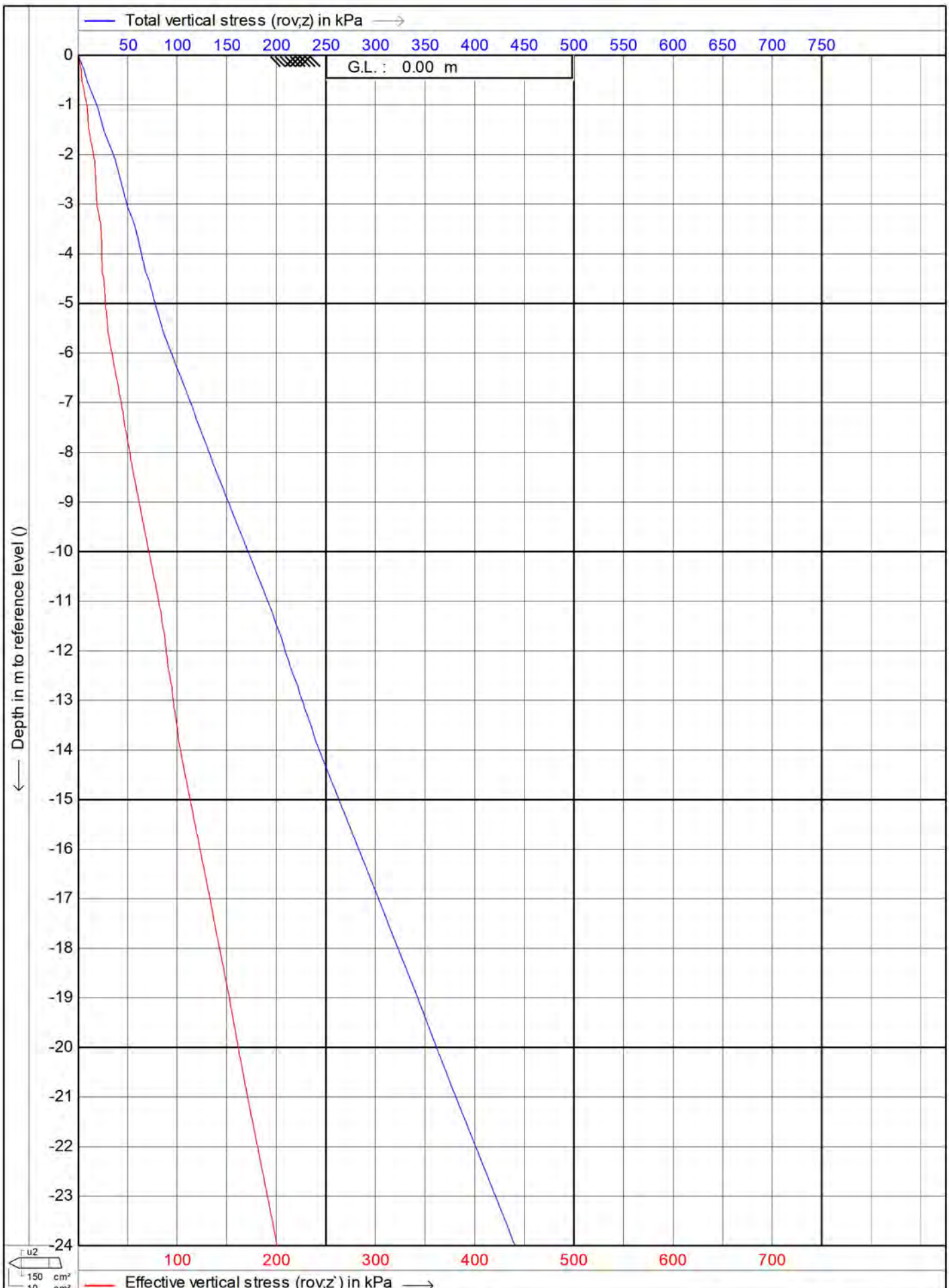
Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : CPT\_19A 10/30

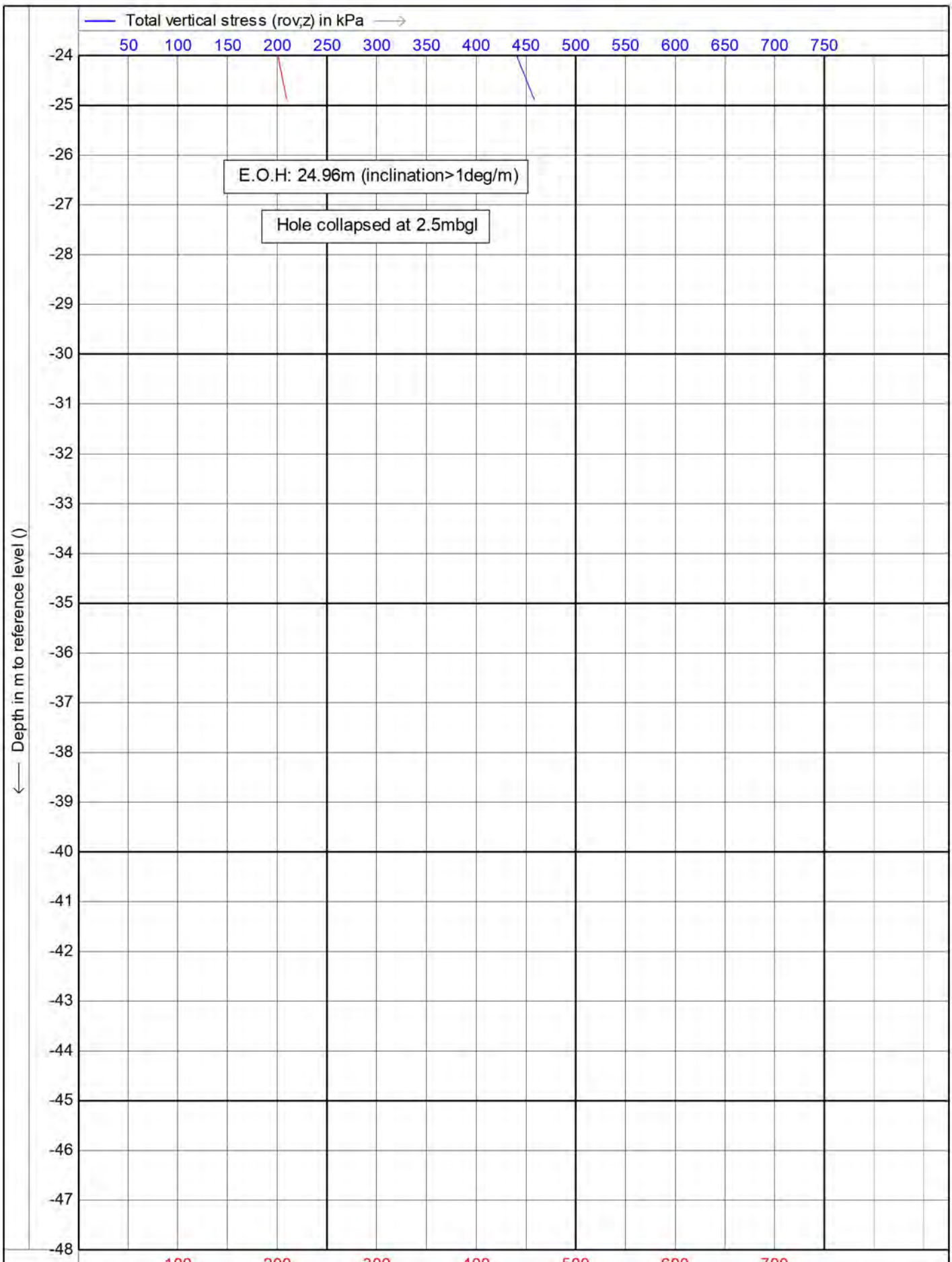


Effective vertical stress (rov,z) in kPa →



Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : CPT\_19A 11/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95139, -37.03854 WGS 84

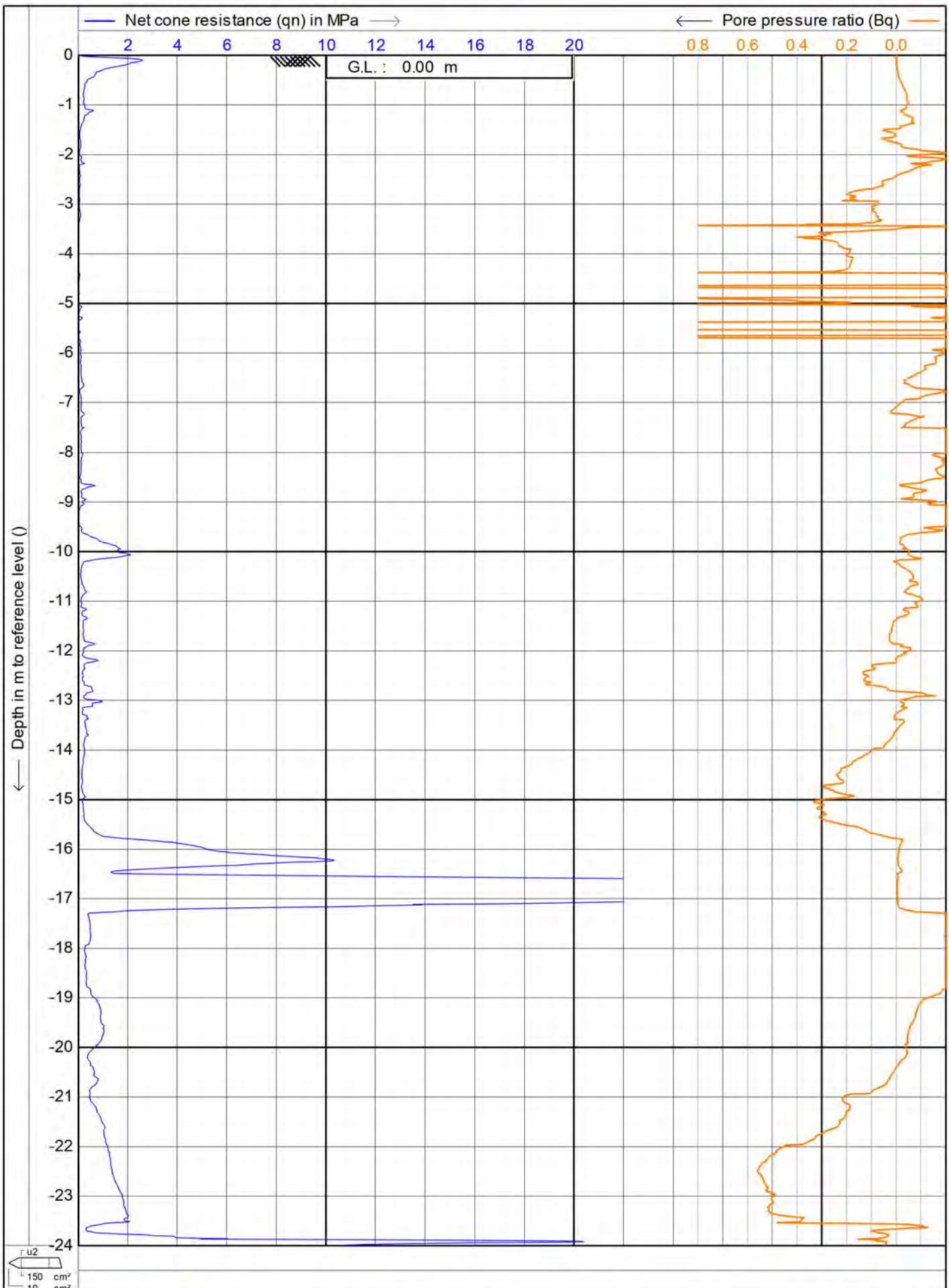
Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : CPT\_19A 12/30





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

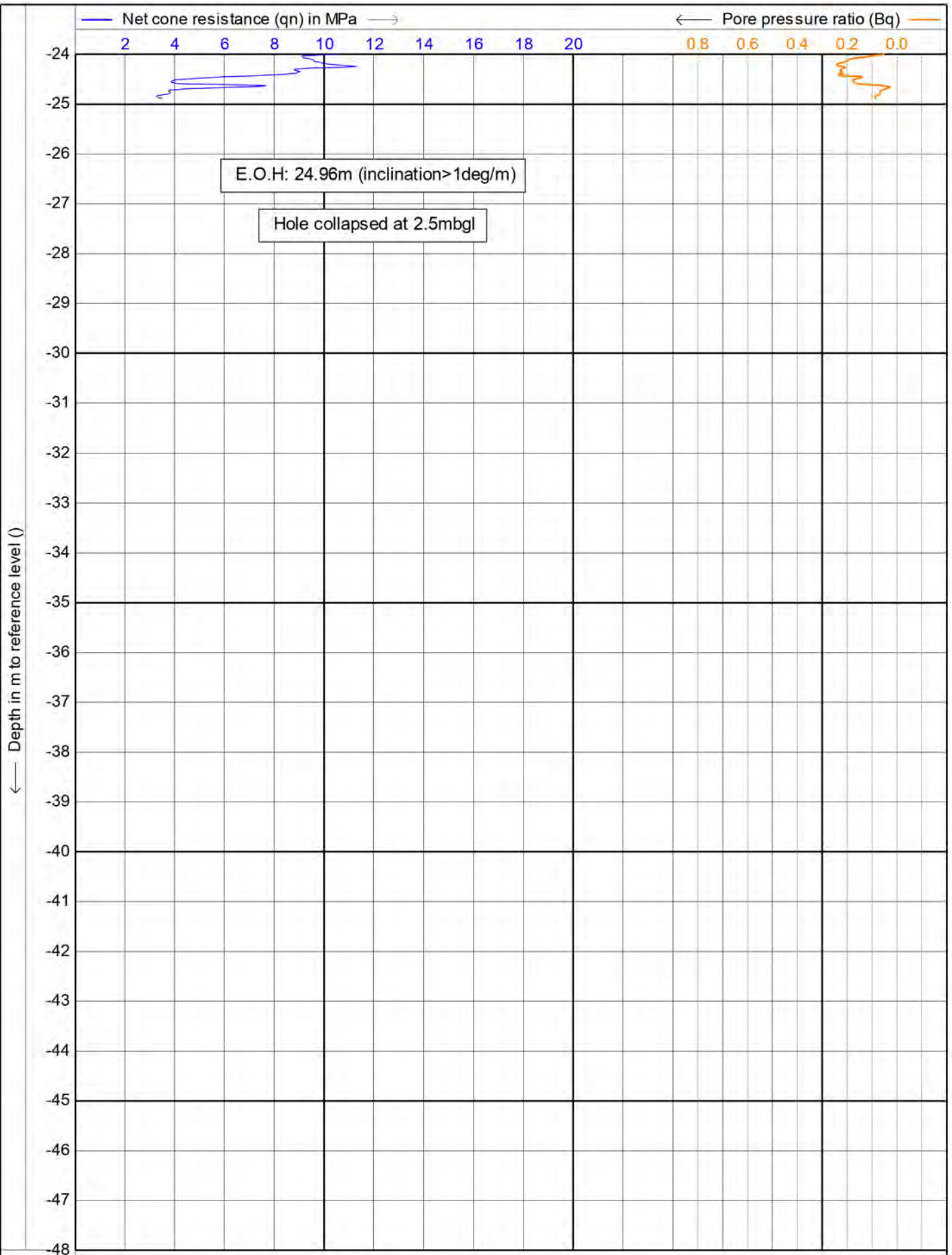
Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

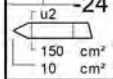
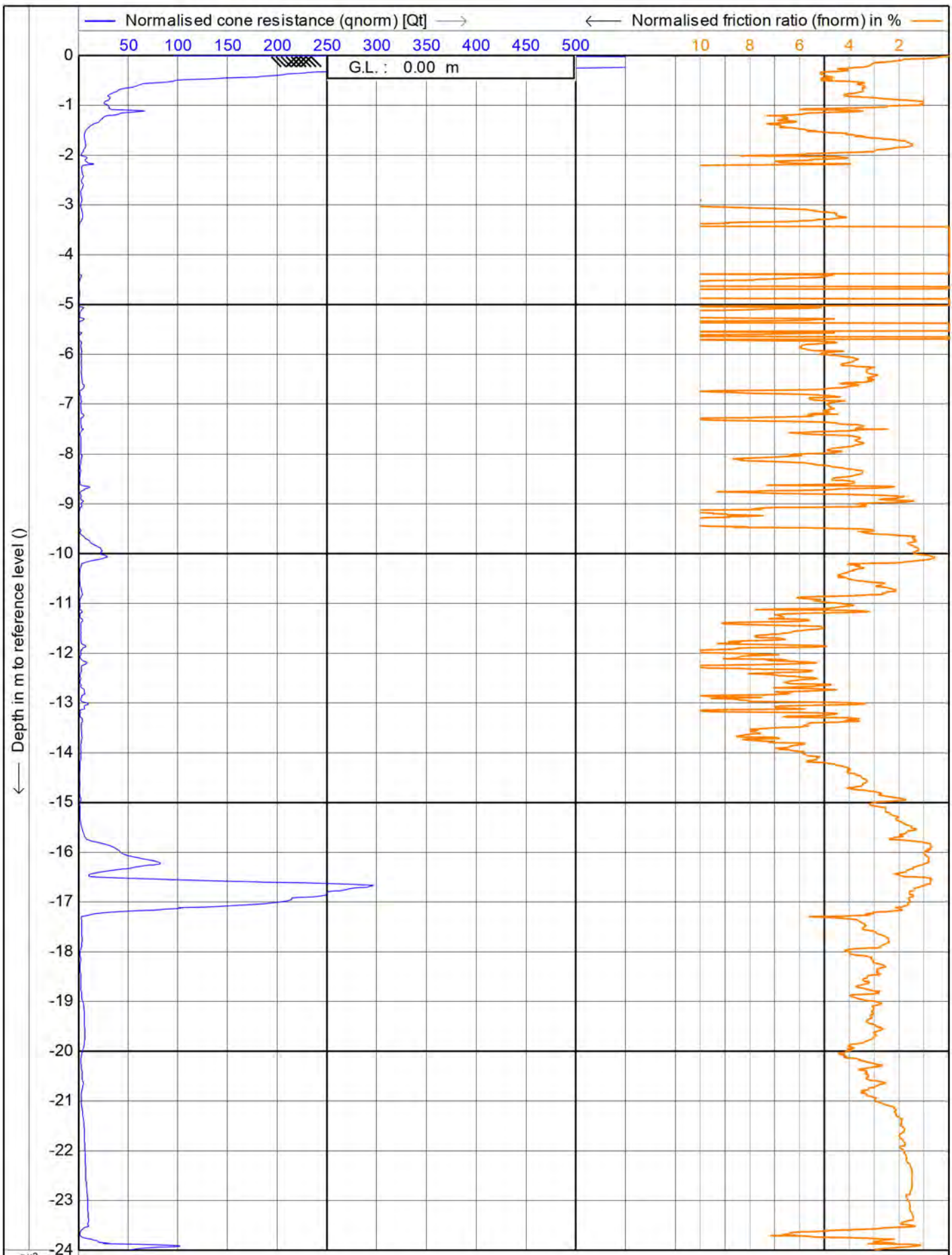
CPT no. : CPT\_19A 13/30



Test acc NZ class

Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95139, -37.03854 WGS 84

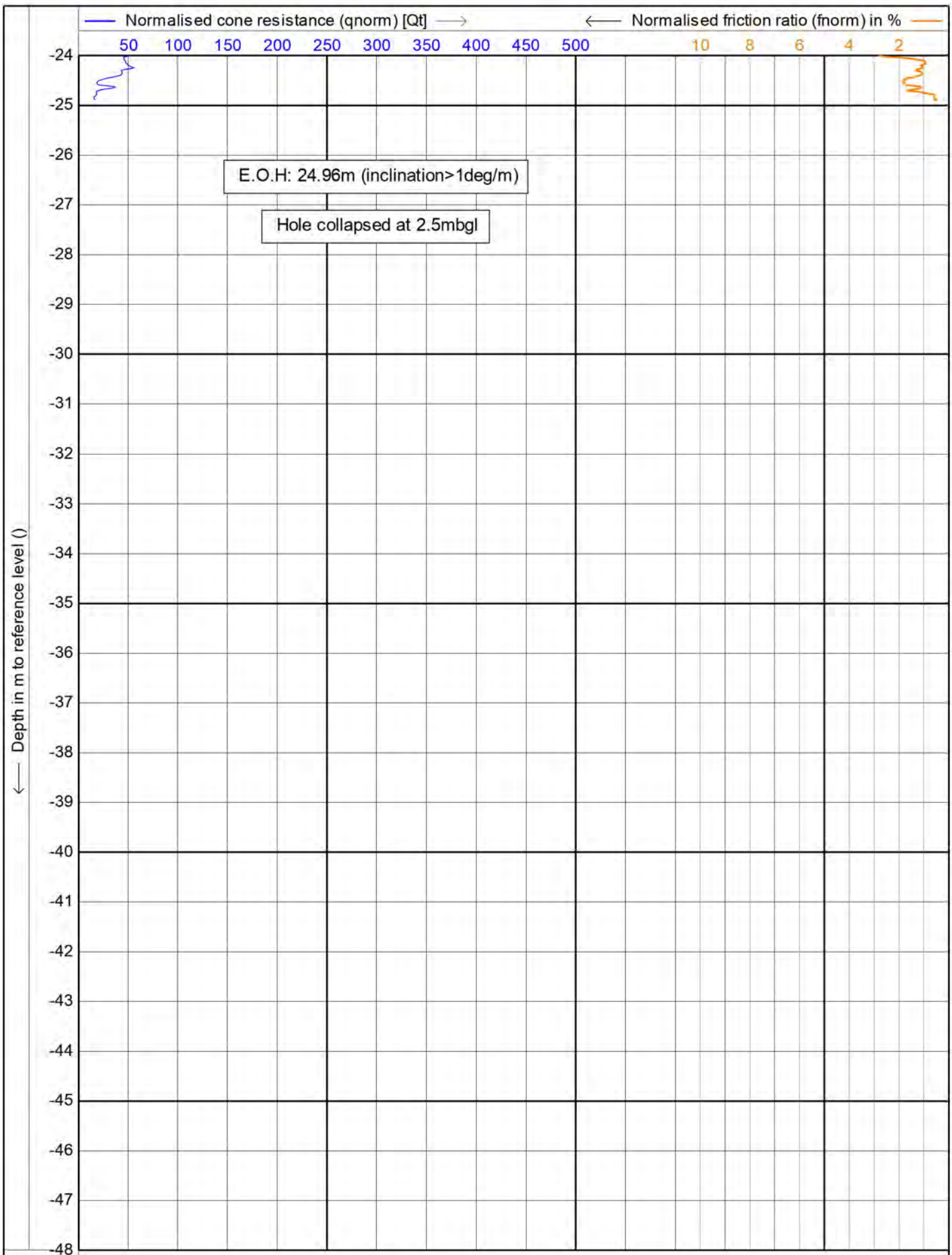
Date : 22/04/2021  
 Cone no. : S10CFIIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : CPT\_19A 14/30



Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95139, -37.03854 WGS 84

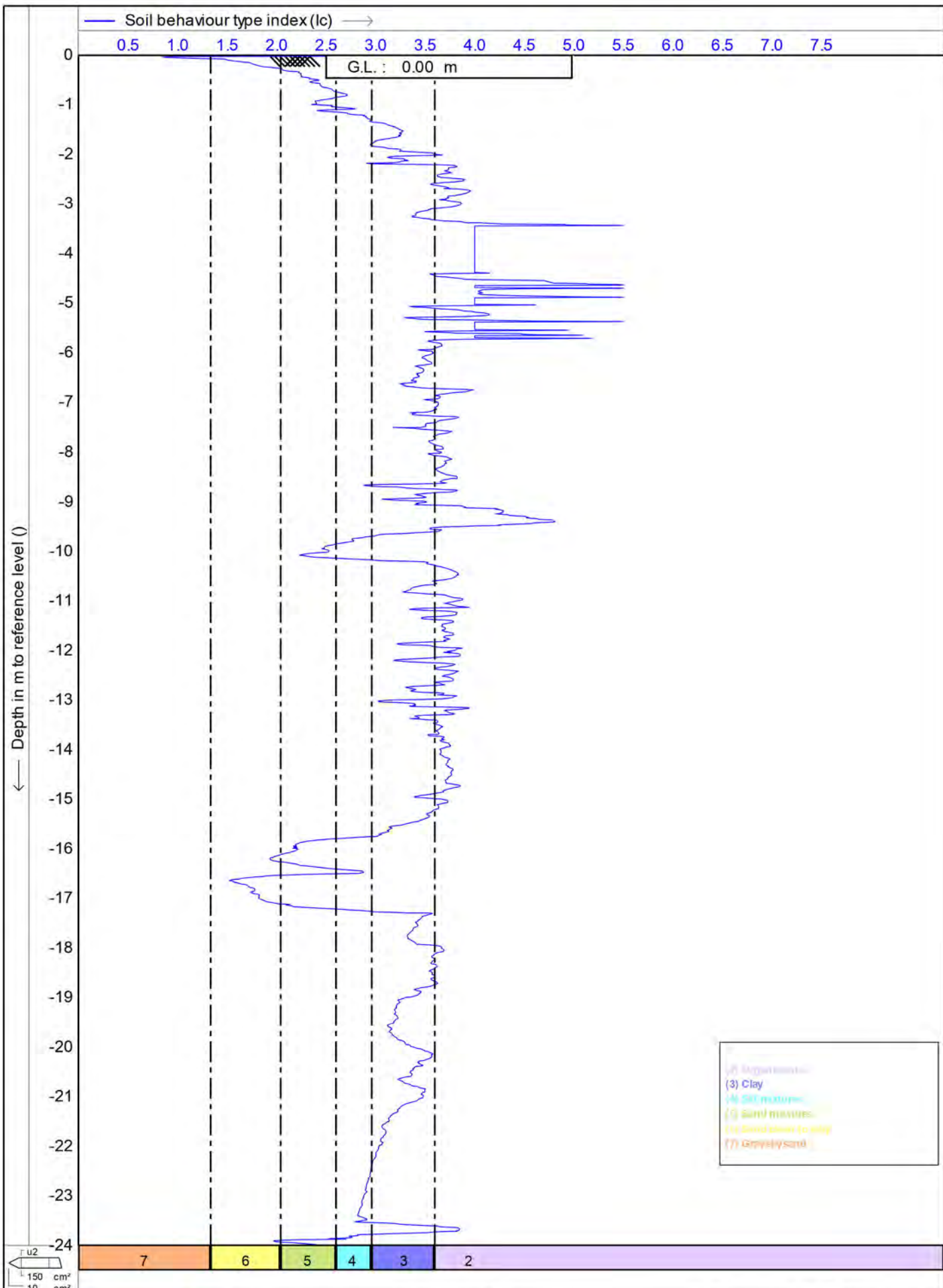
Date : 22/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : CPT\_19A 15/30





Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : CPT\_19A 16/30

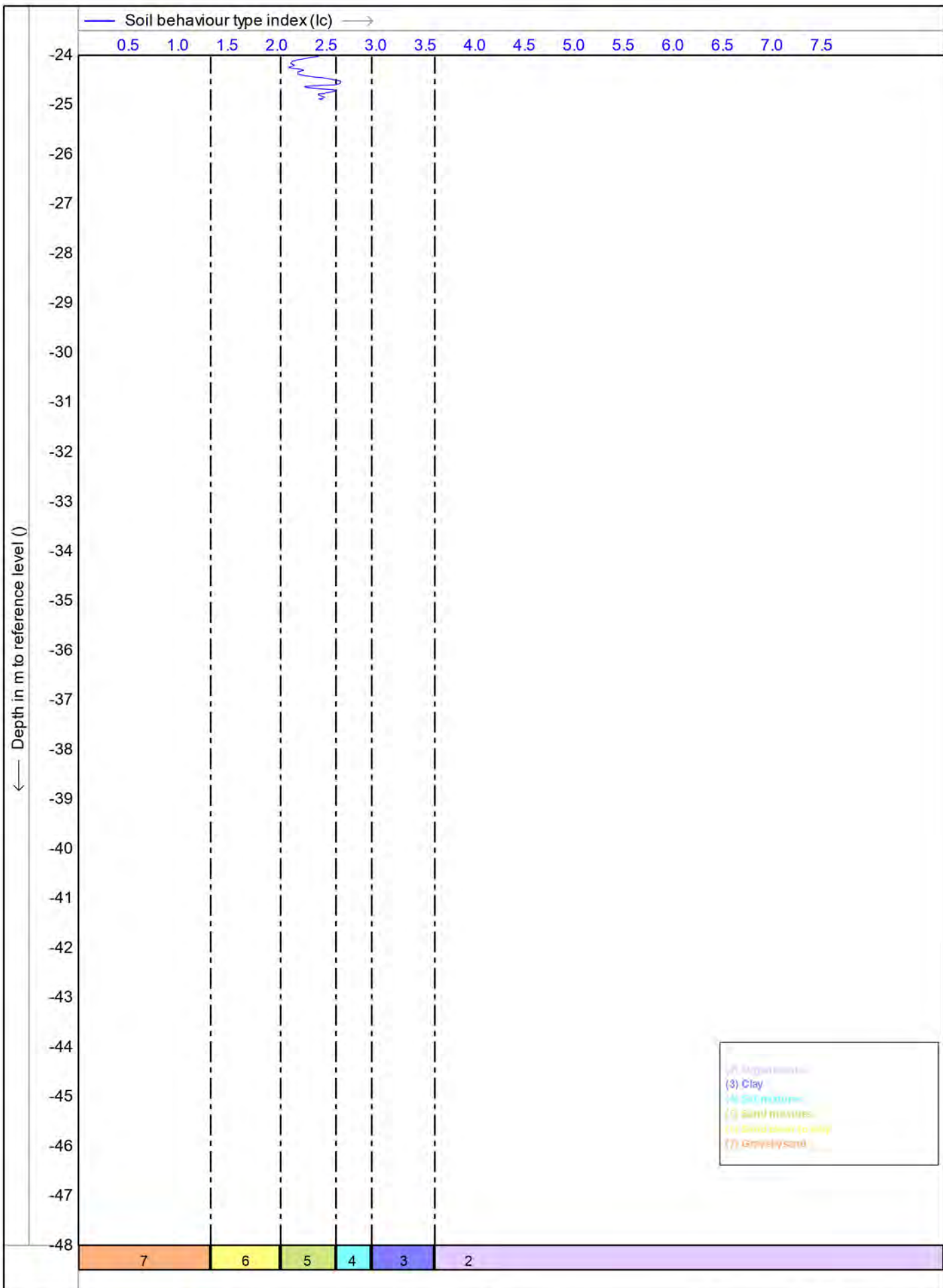


150 cm<sup>2</sup>  
 10 cm<sup>2</sup>



Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : CPT\_19A 17/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95139, -37.03854 WGS 84

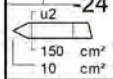
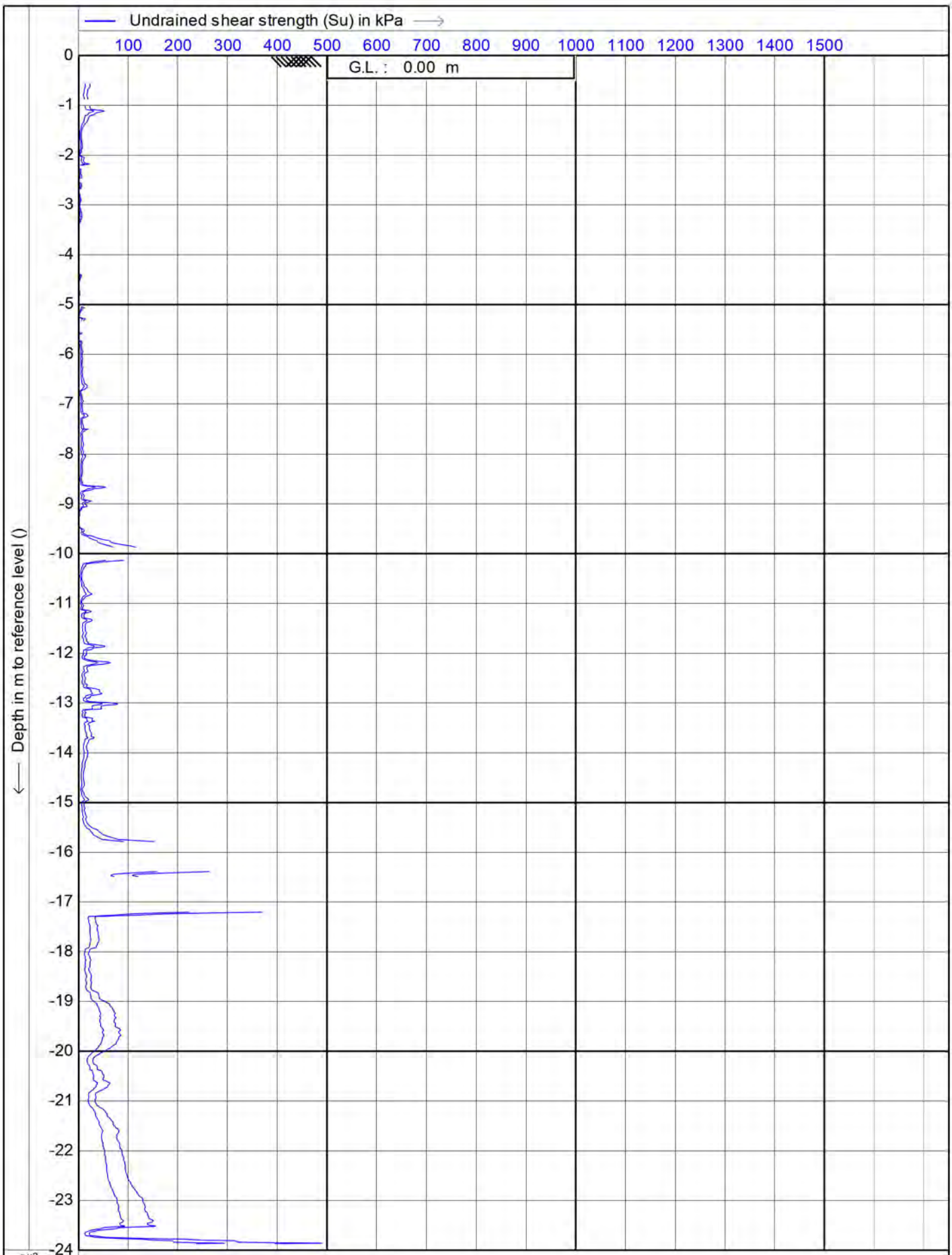
Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : DF21GE034

CPT no. : CPT\_19A 18/30





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

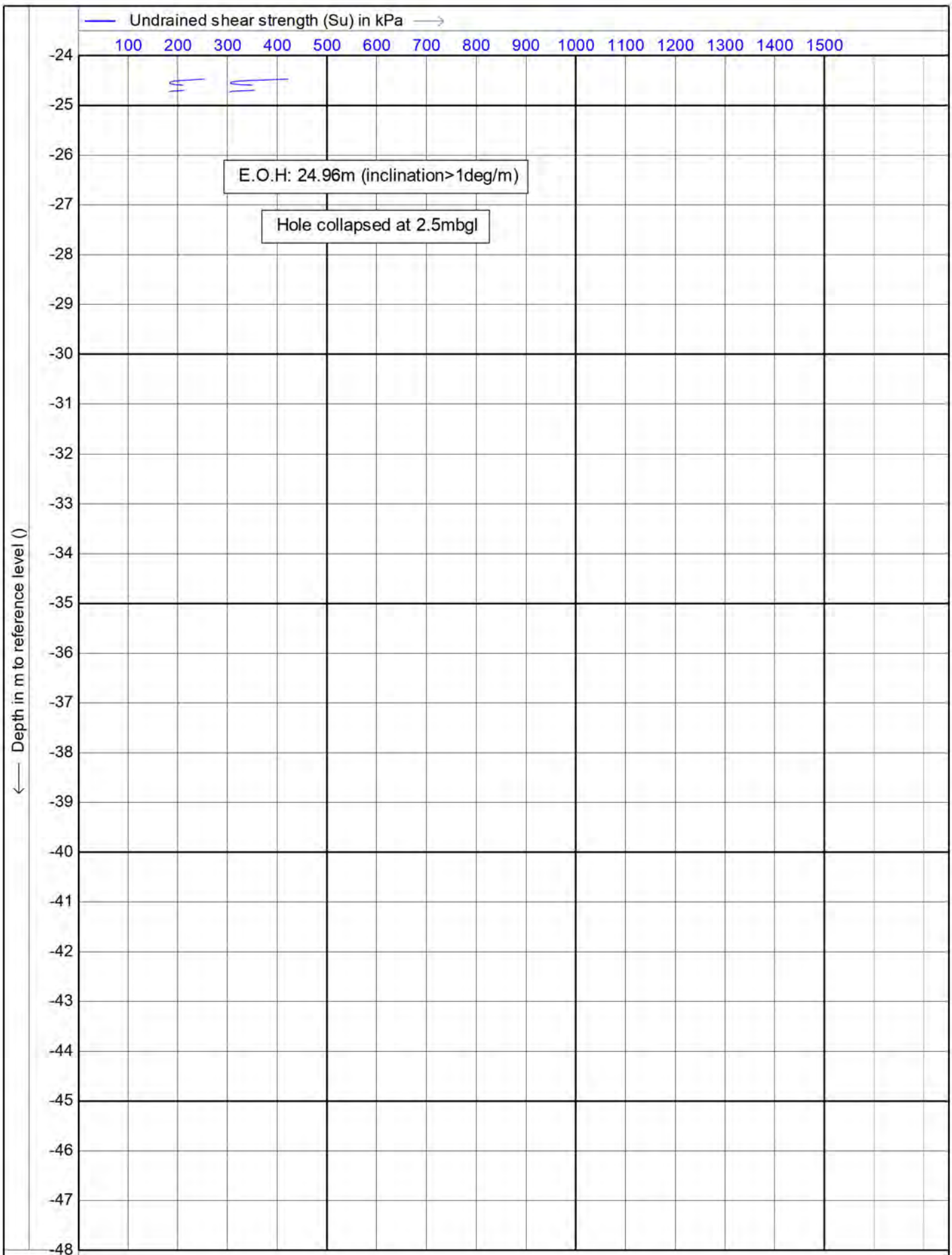
Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : CPT\_19A 19/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

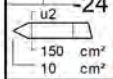
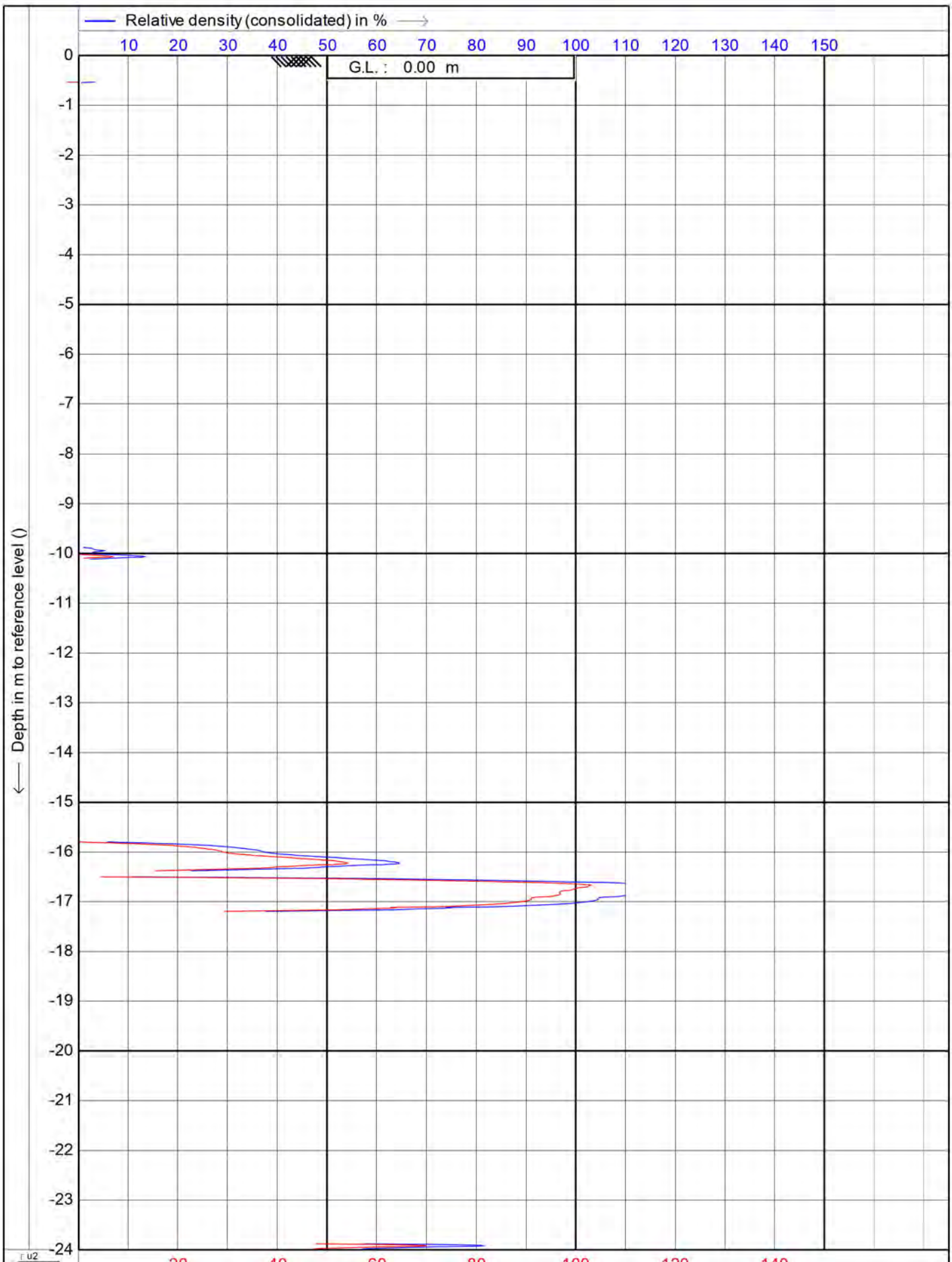
Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : CPT\_19A 20/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95139, -37.03854 WGS 84

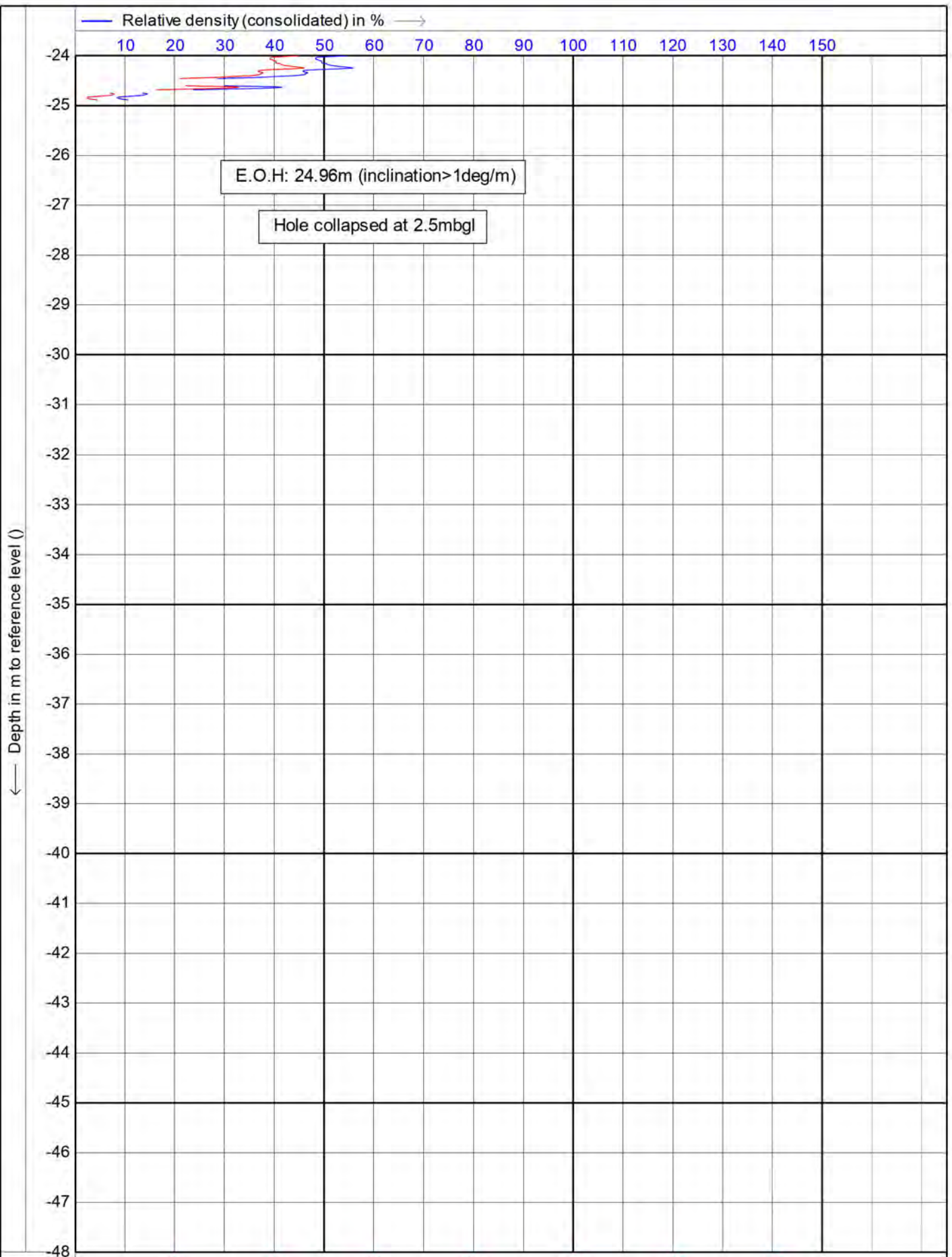
Date : 22/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : CPT\_19A 21/30





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

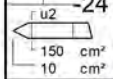
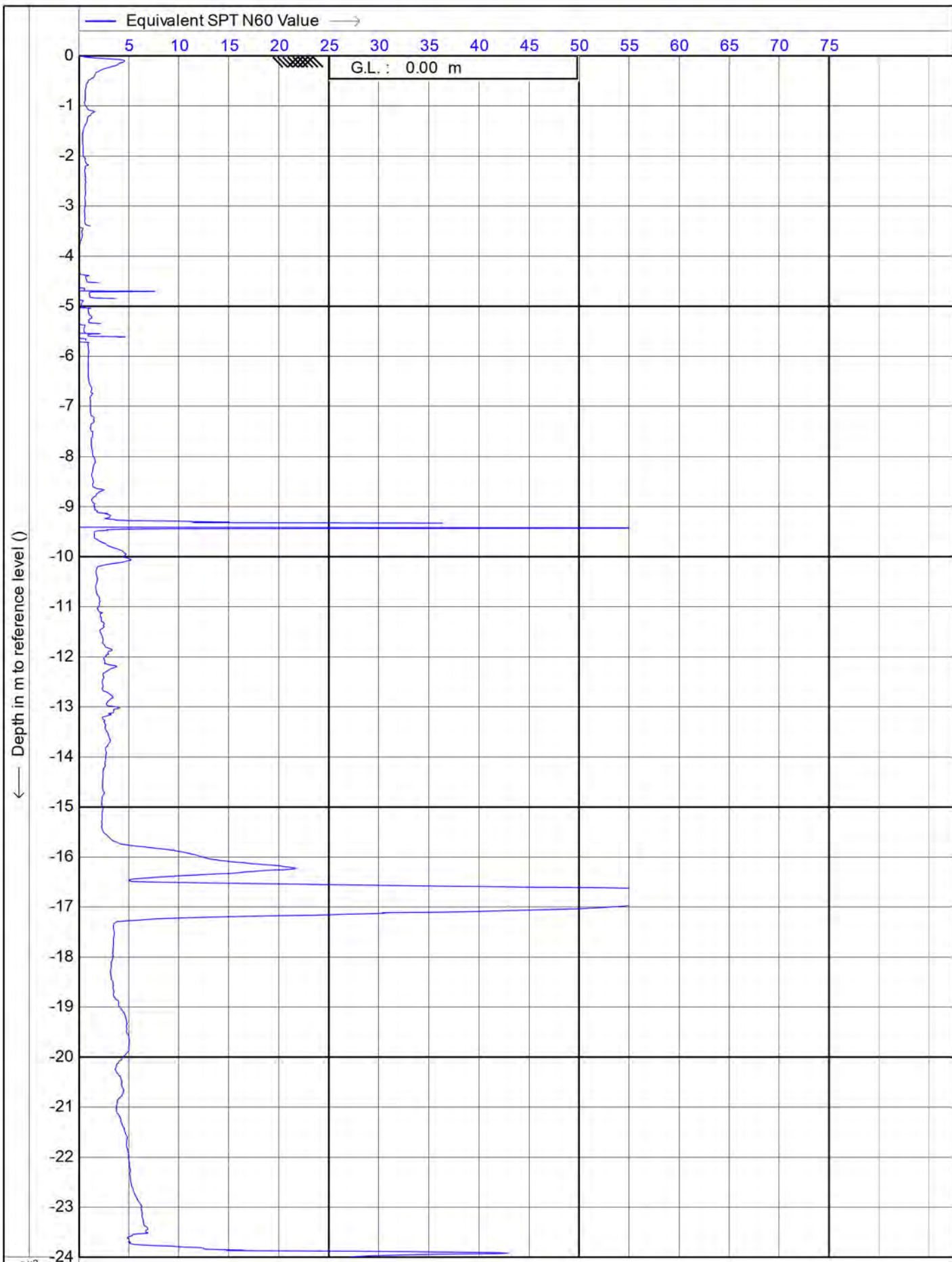
Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021

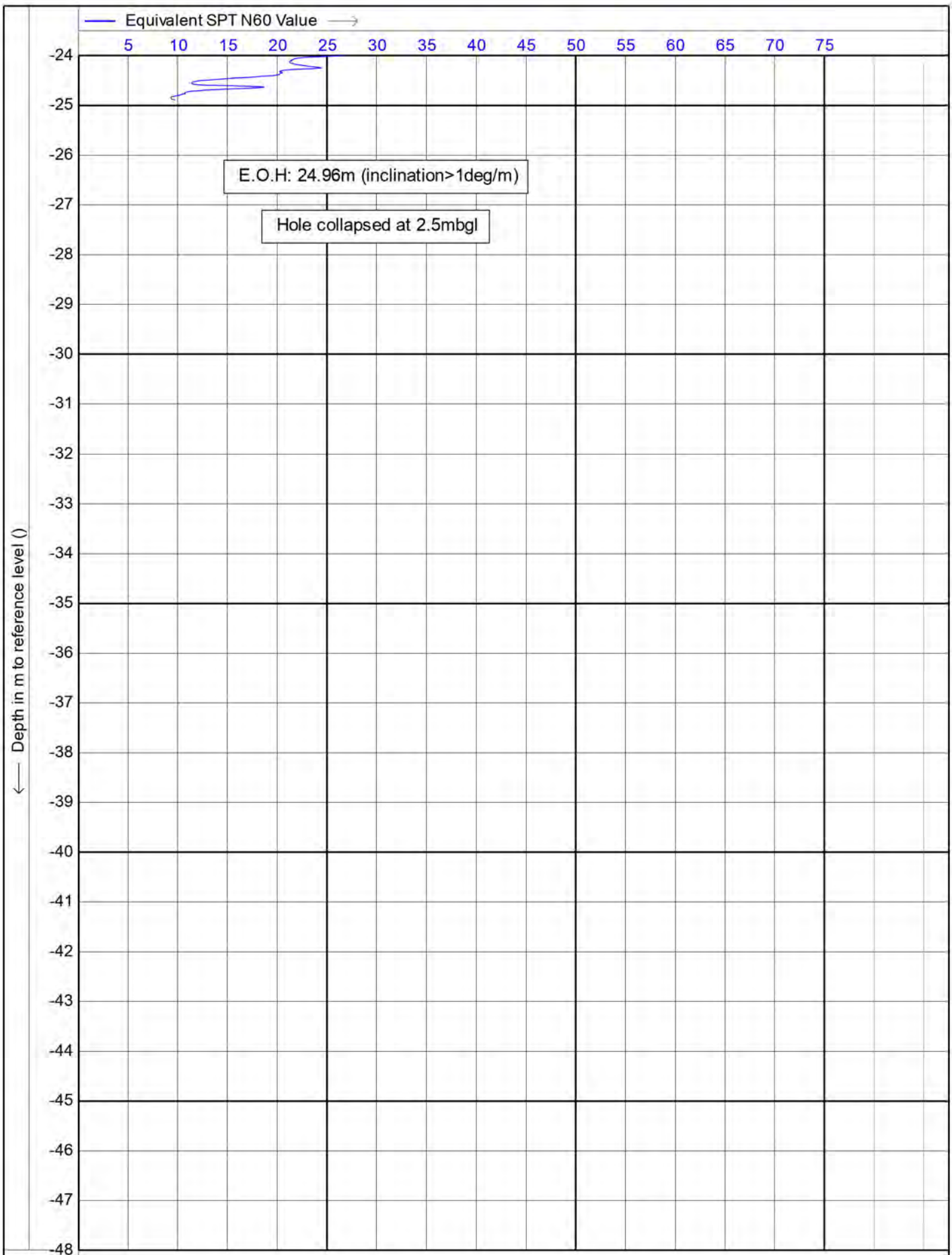
Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : CPT\_19A 22/30



	Test acc NZ class	Date : 22/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
	Position: 174.95139, -37.03854 WGS 84	CPT no. : CPT_19A 23/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95139, -37.03854 WGS 84

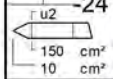
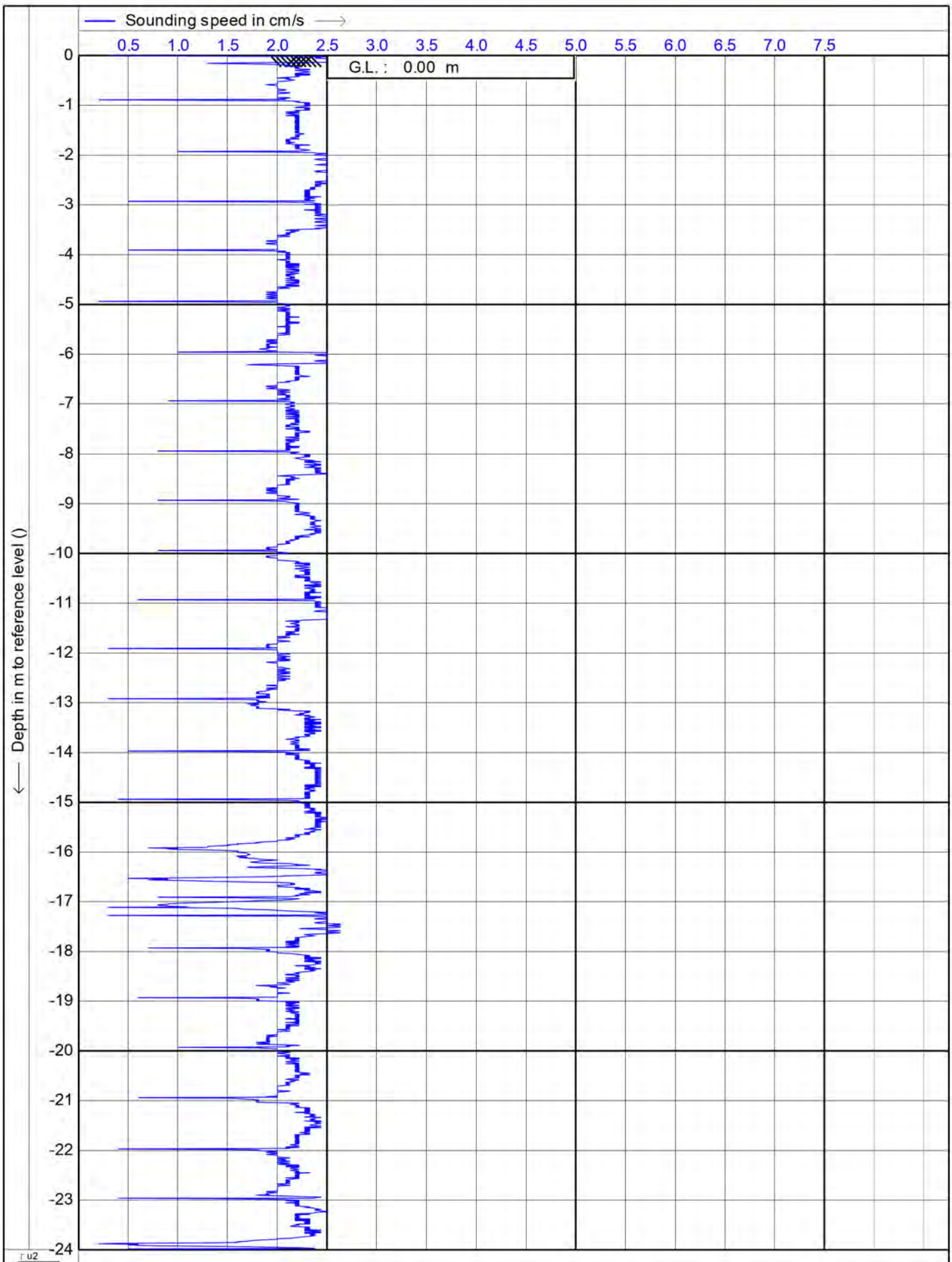
Date : 22/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : CPT\_19A 24/30





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

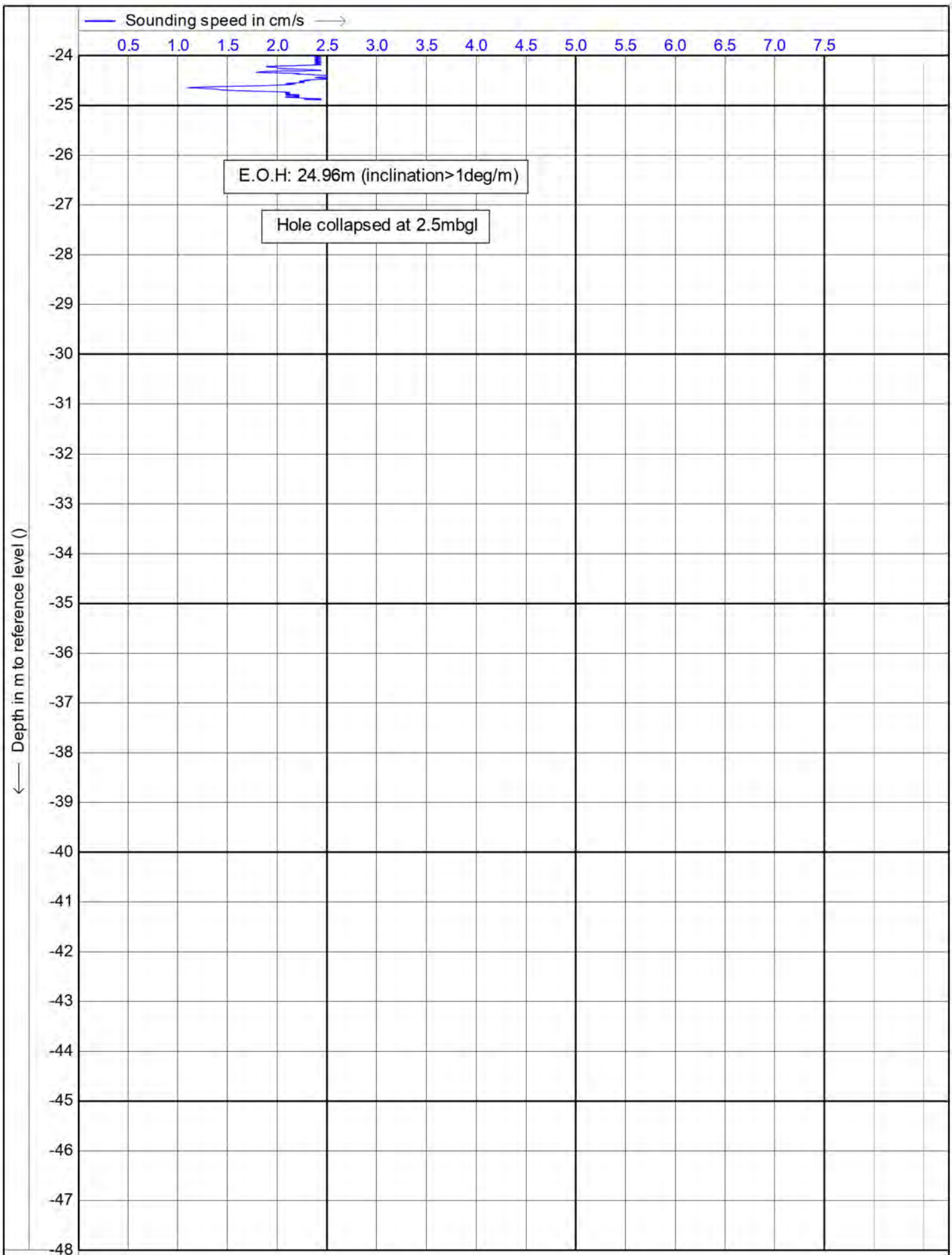
Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

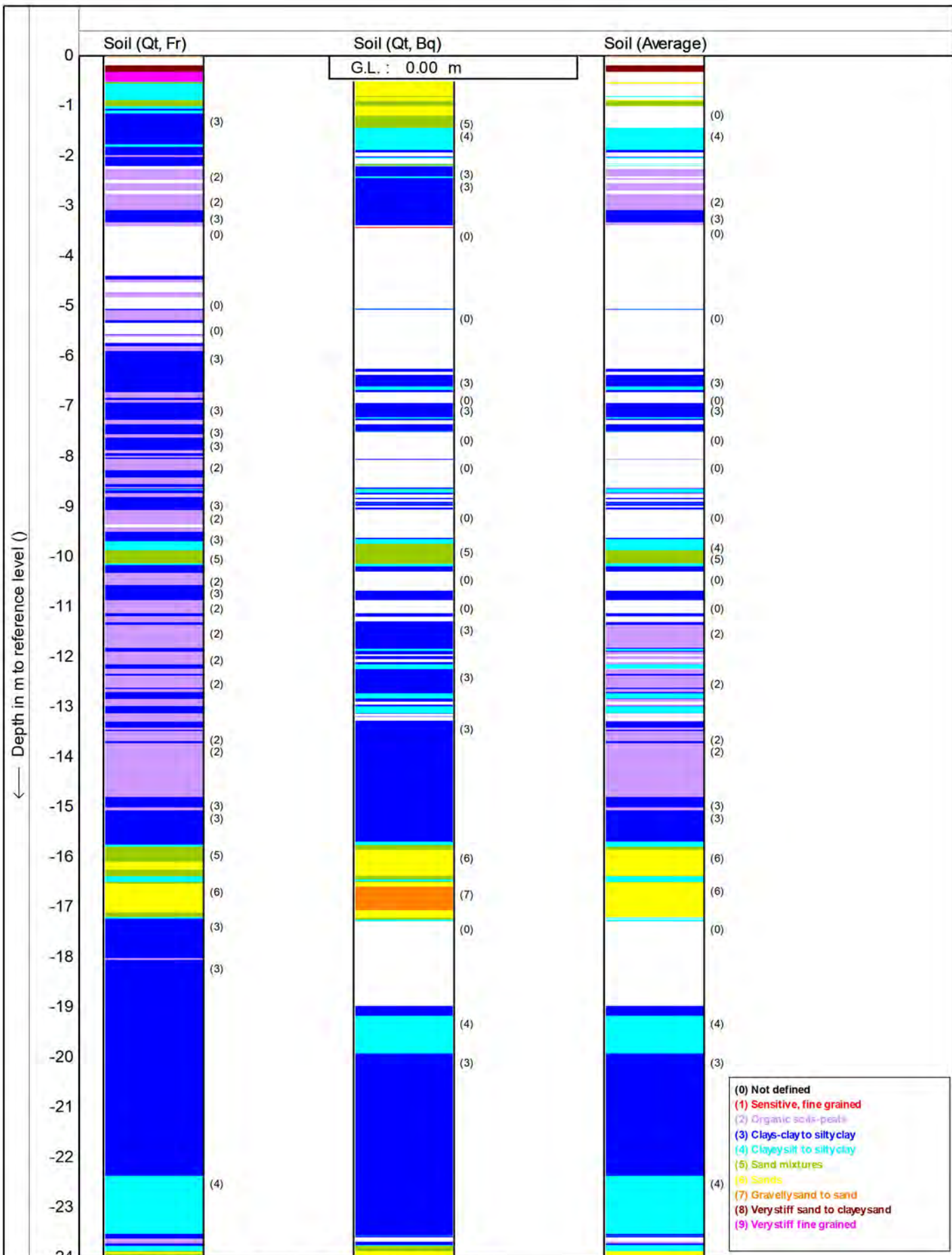
CPT no. : CPT\_19A 25/30



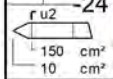
Test acc NZ class

Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : CPT\_19A 26/30



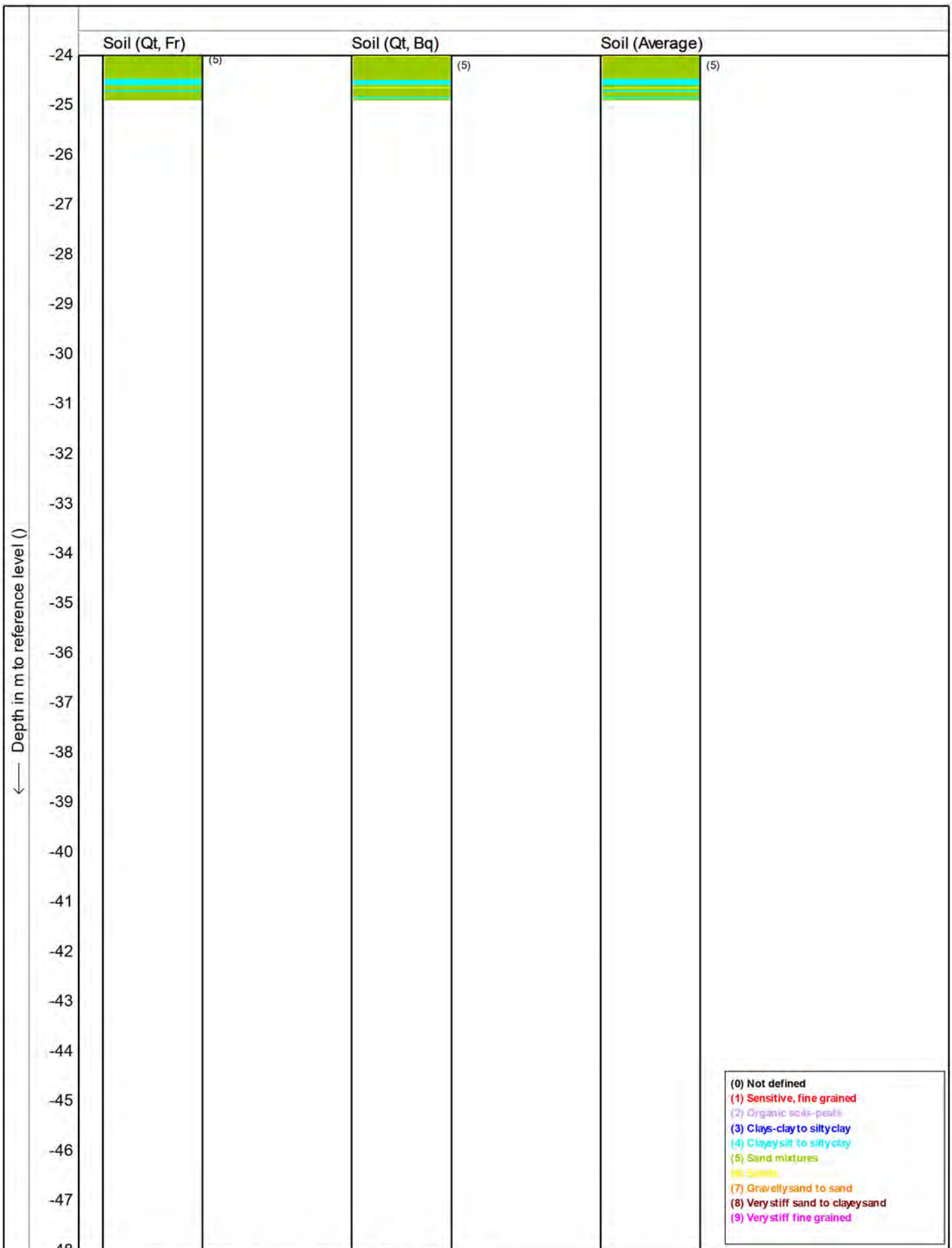
- (0) Not defined
- (1) Sensitive, fine grained
- (2) Organic soils-peats
- (3) Clays-clay to siltyclay
- (4) Clayesilt to siltyclay
- (5) Sand mixtures
- (6) Sands
- (7) Gravellysand to sand
- (8) Very stiff sand to clayesand
- (9) Very stiff fine grained



Soil behaviour type classification after Robertson 1990

	Test acc NZ class	Date : 22/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : DF21GE034
	Position: 174.95139, -37.03854 WGS 84	CPT no. : CPT_19A 27/30

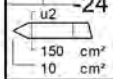
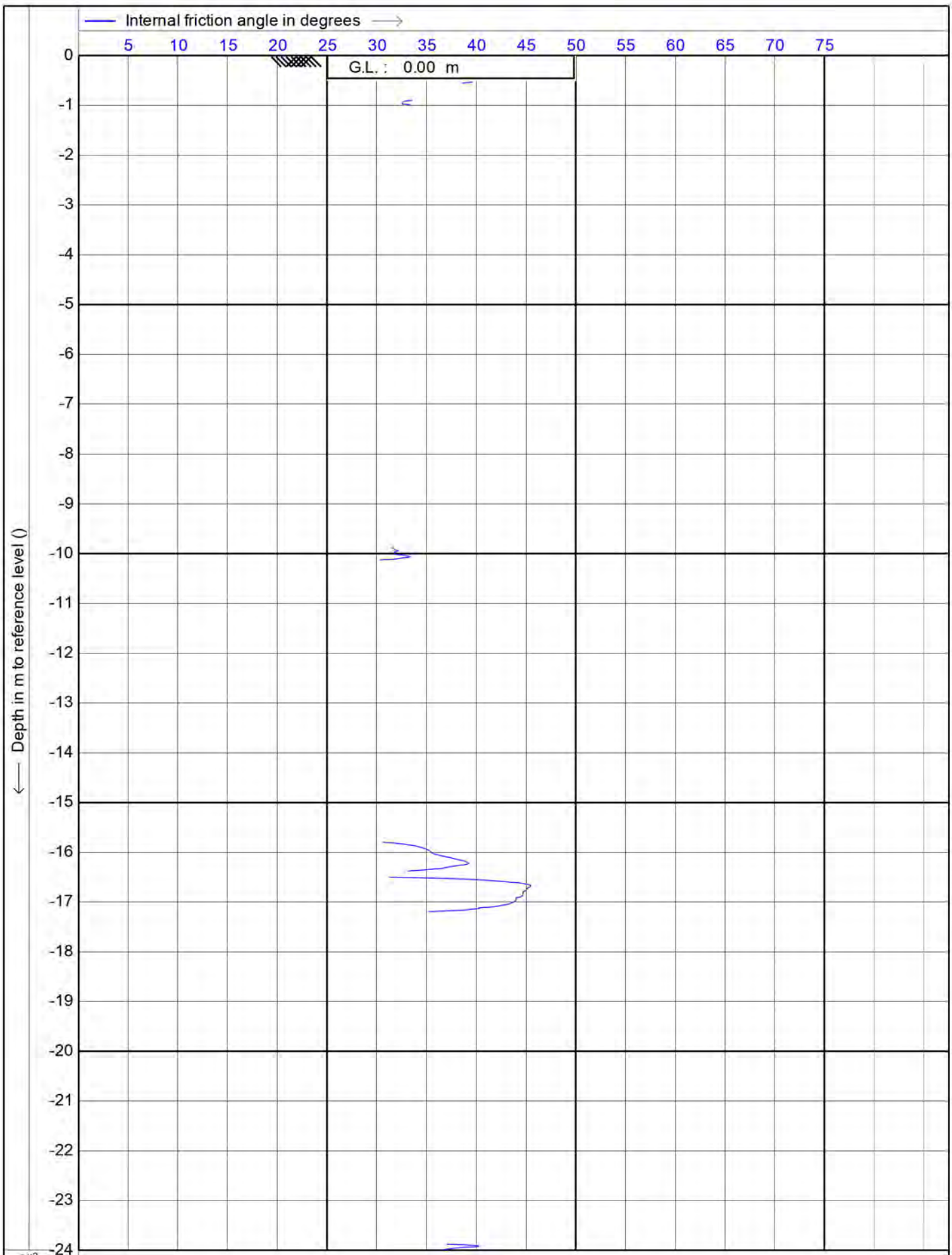




- (0) Not defined
- (1) Sensitive, fine grained
- (2) Organic soils-peats
- (3) Clays-clay to siltyclay
- (4) Claysilt to siltyclay
- (5) Sand mixtures
- (6) Sands
- (7) Gravellysand to sand
- (8) Very stiff sand to clayey sand
- (9) Very stiff fine grained

Soil behaviour type classification after Robertson 1990

	Test acc NZ class	Date : 22/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : DF21GE034
	Position: 174.95139, -37.03854 WGS 84	CPT no. : CPT_19A 28/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

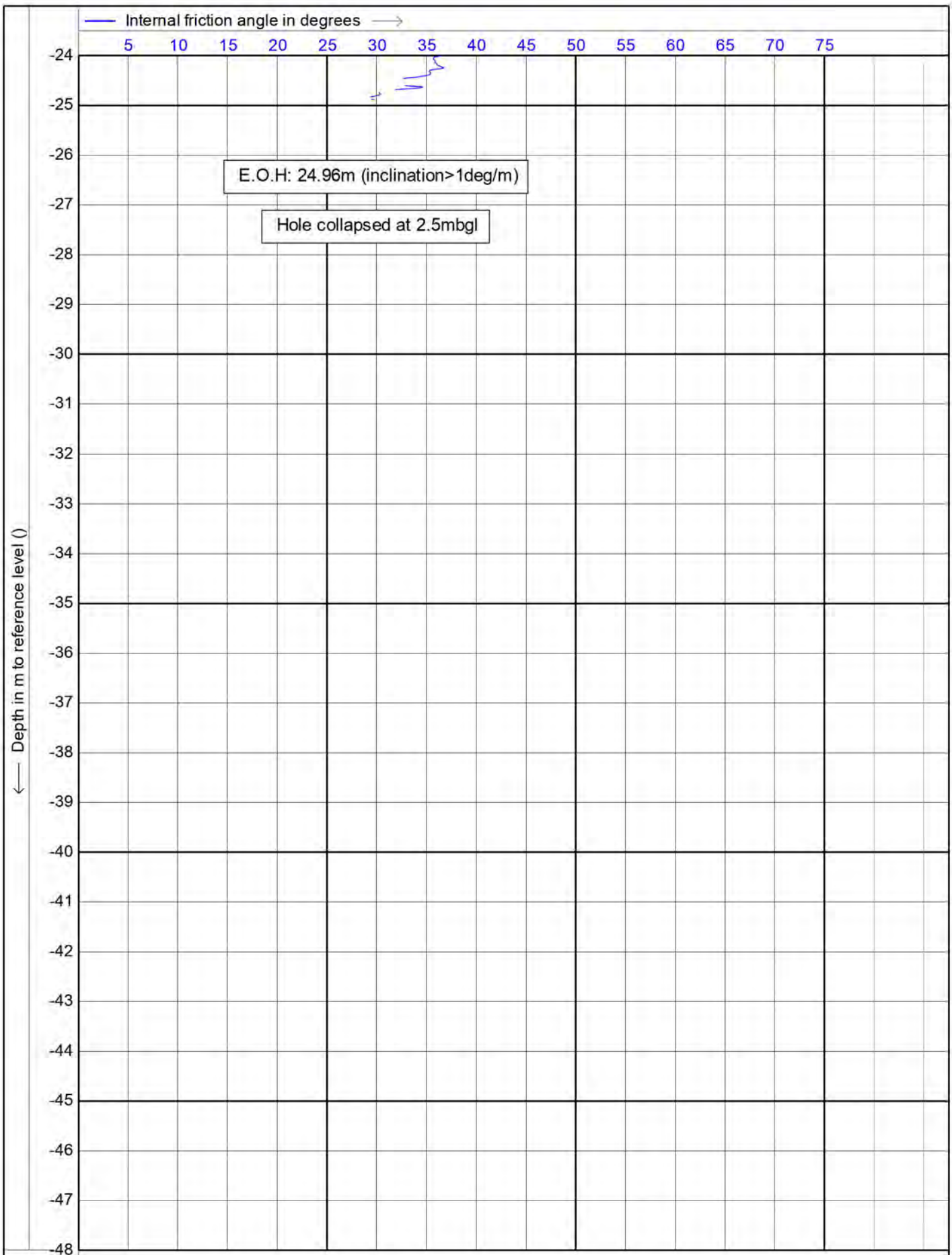
Position: 174.95139, -37.03854 WGS 84

Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : CPT\_19A 29/30



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95139, -37.03854 WGS 84

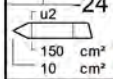
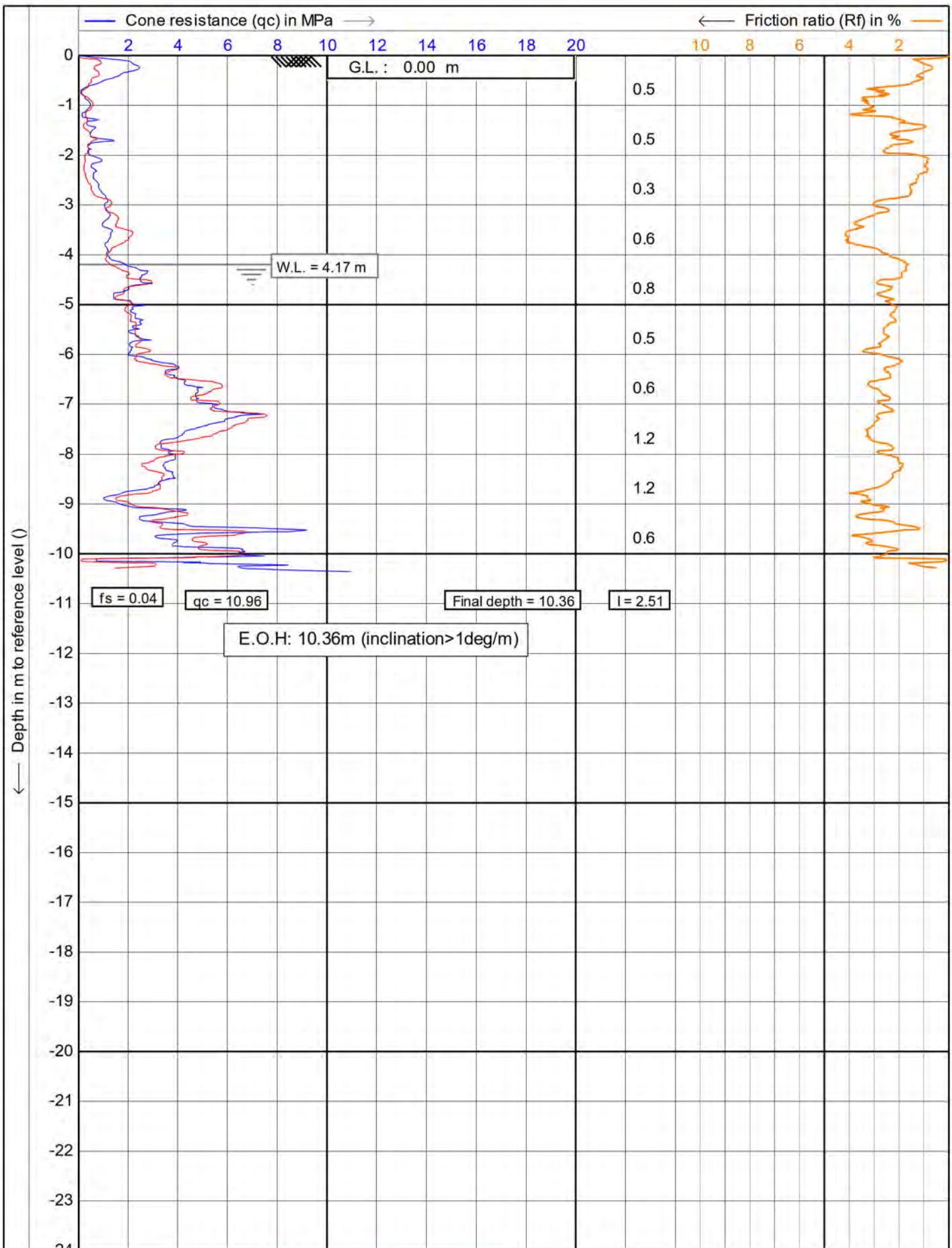
Date : 22/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

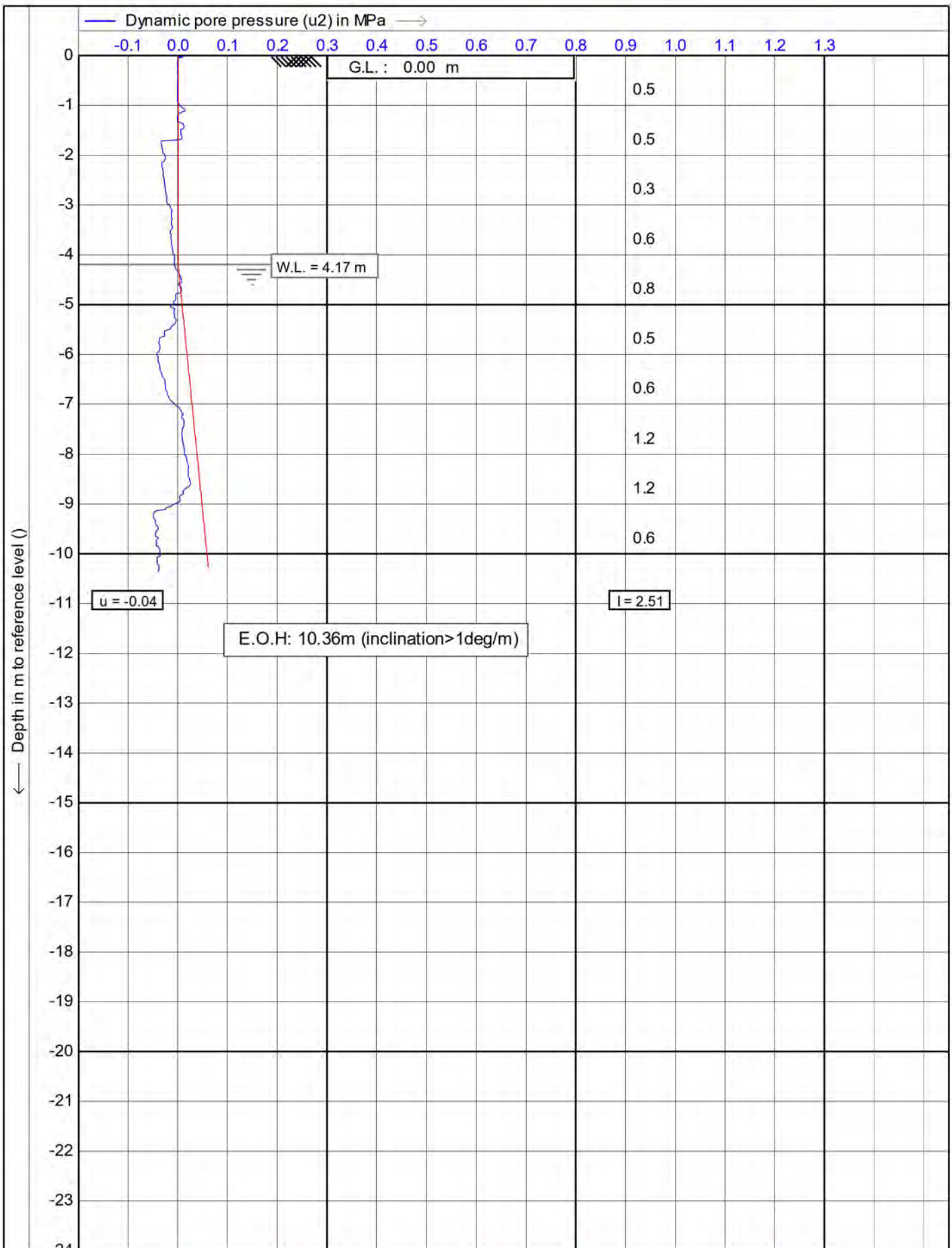
CPT no. : CPT\_19A 30/30





Test according NEN 5140 class 1  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.96114, -37.033433 WGS 84

Date : 21/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_20 1/15



150 cm<sup>2</sup>  
10 cm<sup>2</sup>

Equilibrium pore pressure (u0) in MPa →

Inclination (I) in degr



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

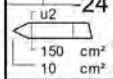
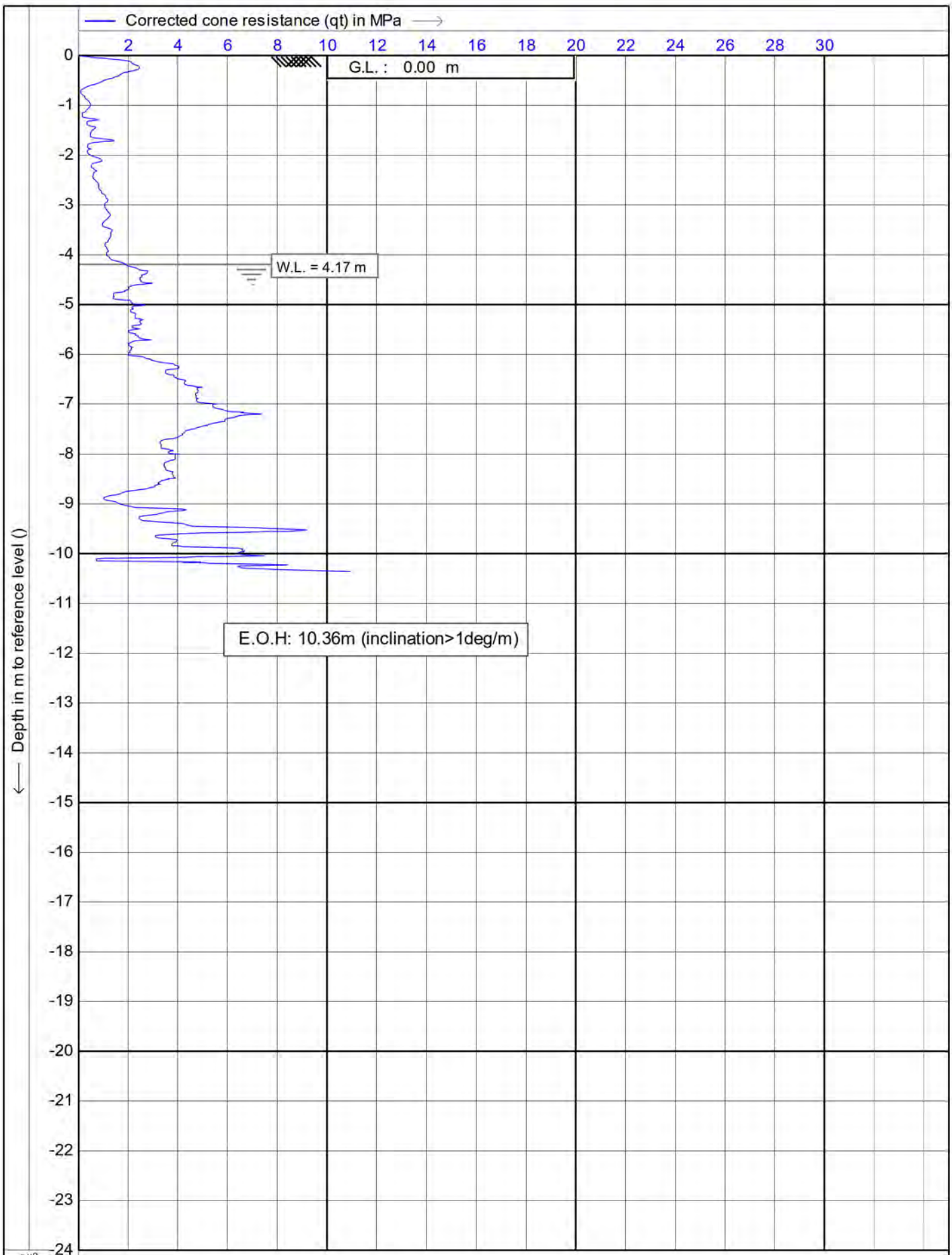
Position: 174.96114, -37.033433 WGS 84

Date : 21/04/2021

Cone no. : S10CFIP.S16082

Project no. : DF21GE034

CPT no. : CPT\_20 2/15



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.96114, -37.033433 WGS 84

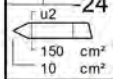
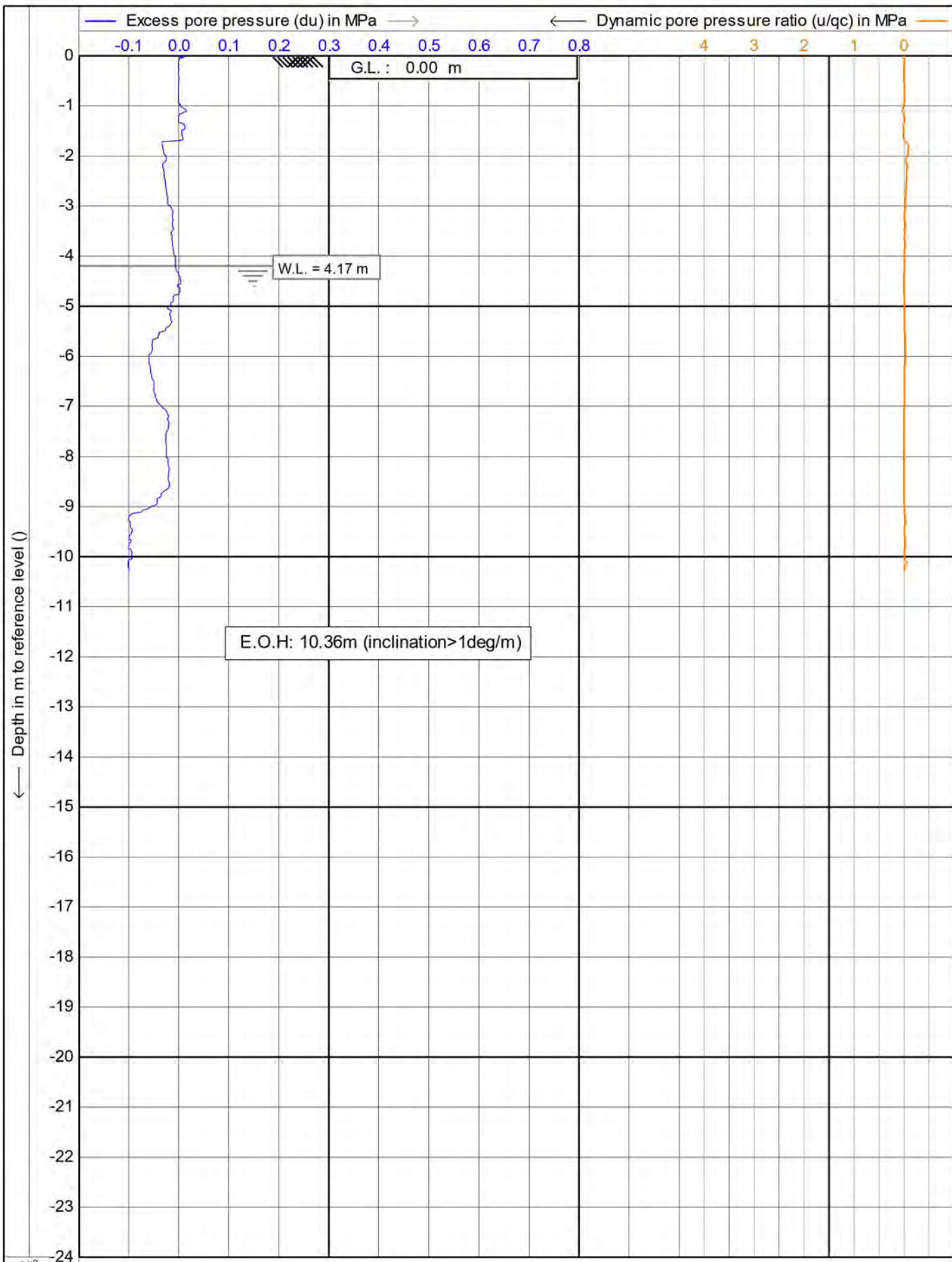
Date : 21/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

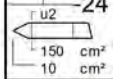
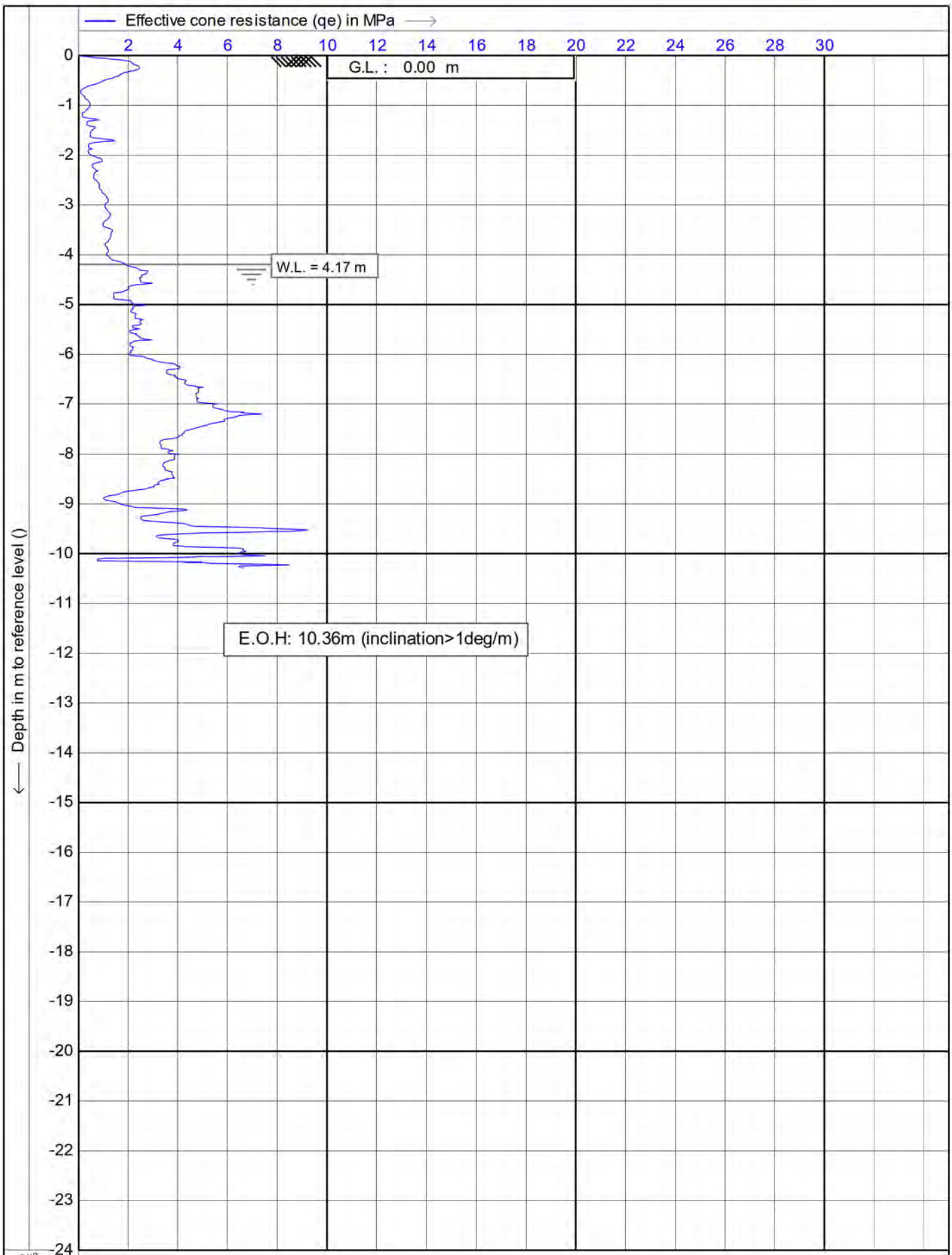
CPT no. : **CPT\_20** 3/15





Test according NEN 5140 class 1  
 Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.96114, -37.033433 WGS 84**

Date : **21/04/2021**  
 Cone no. : **S10CFIIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_20 4/15**



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

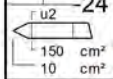
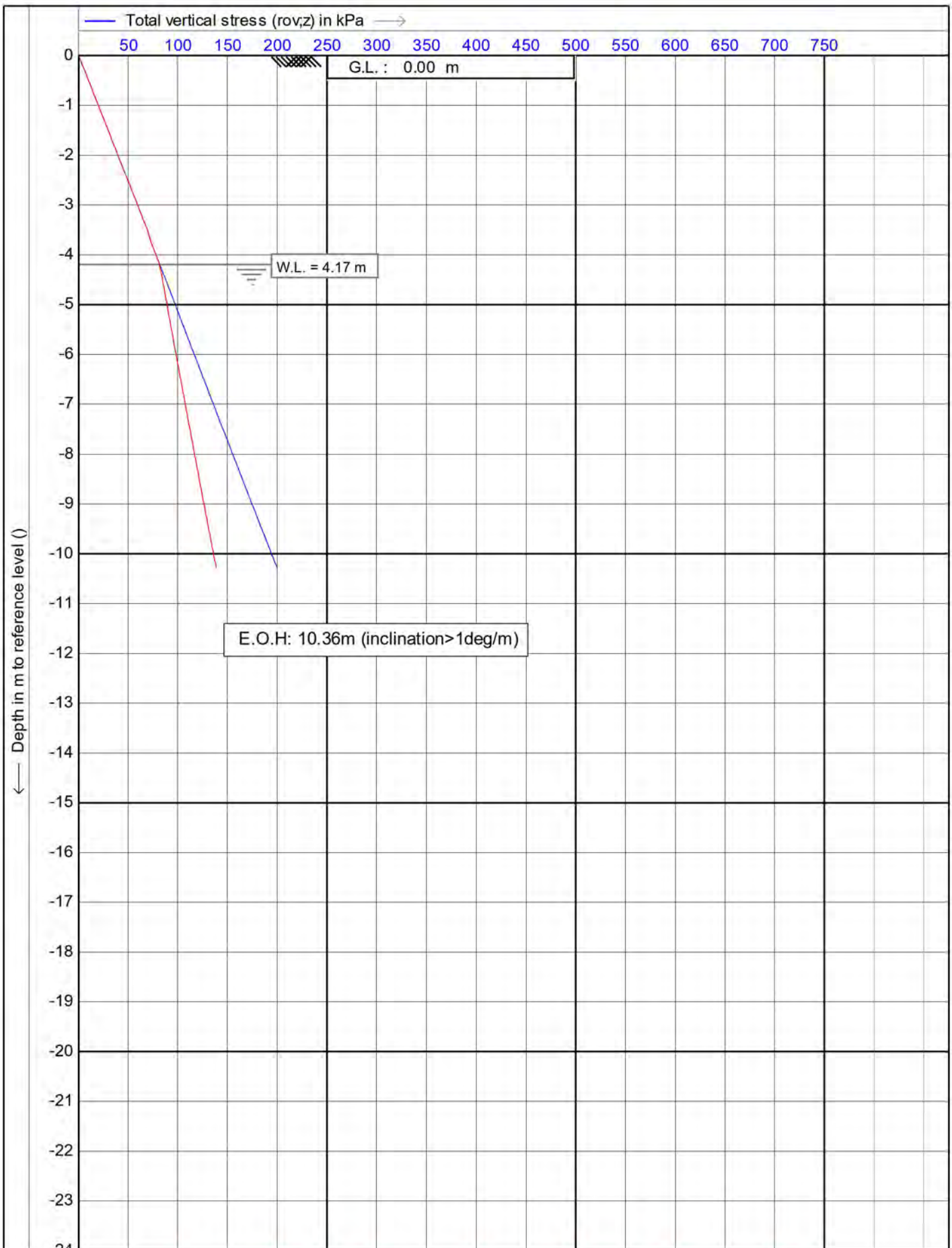
Position: **174.96114, -37.033433 WGS 84**

Date : **21/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_20** 5/15



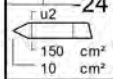
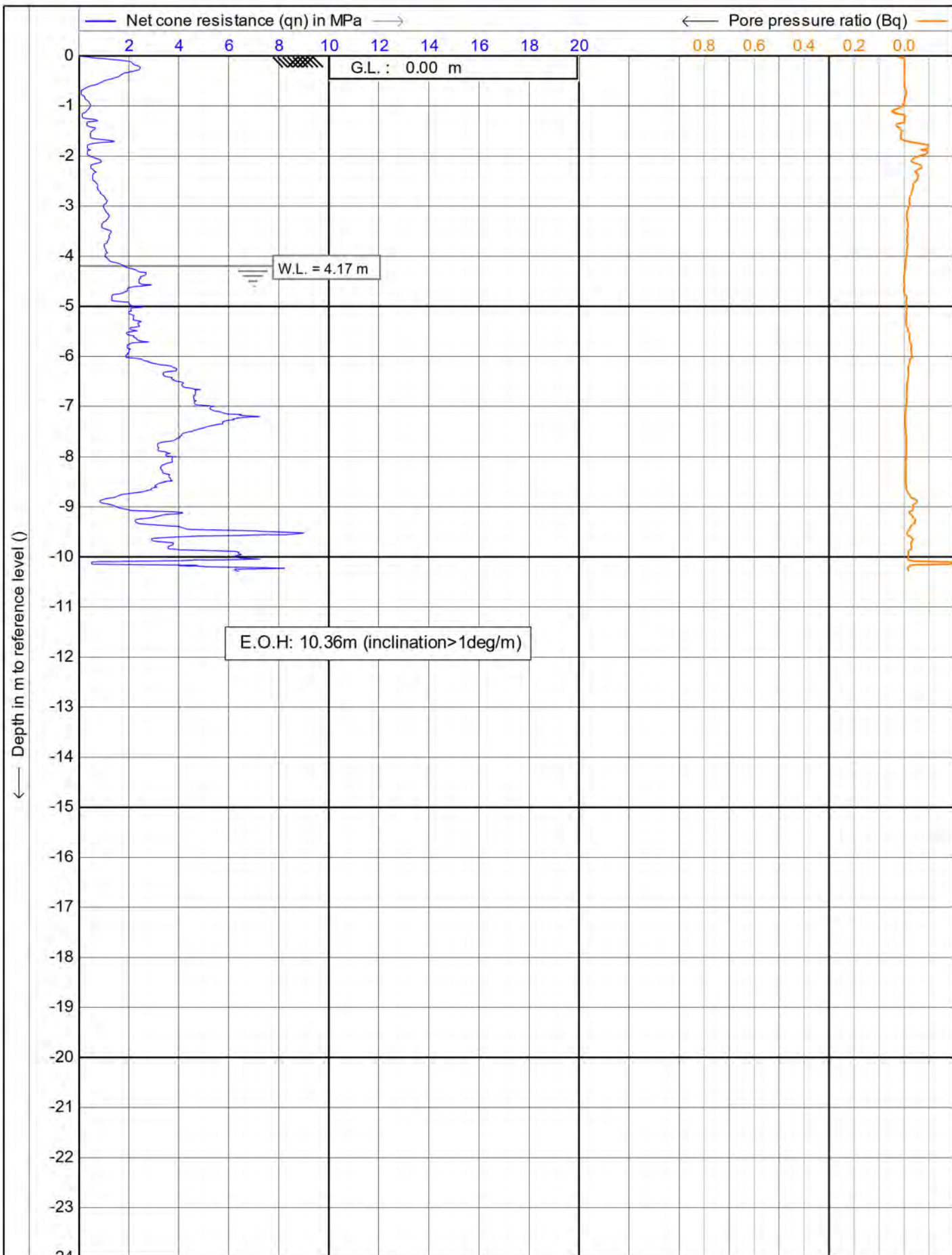
100 200 300 400 500 600 700  
 Effective vertical stress (rov,z') in kPa →



Test according NEN 5140 class 1  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.96114, -37.033433 WGS 84

Date : 21/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_20** 6/15





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

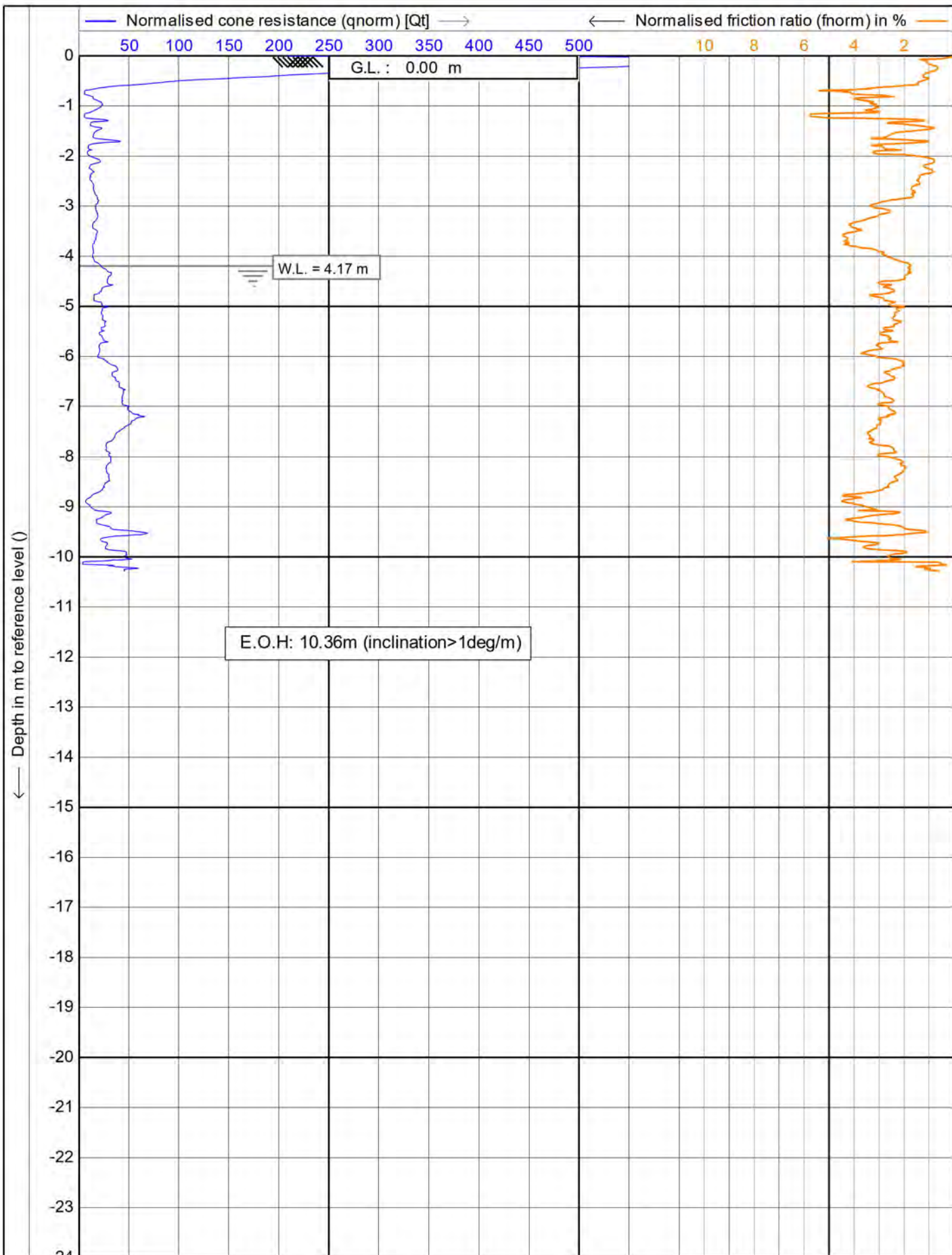
Position: **174.96114, -37.033433 WGS 84**

Date : **21/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_20** 7/15

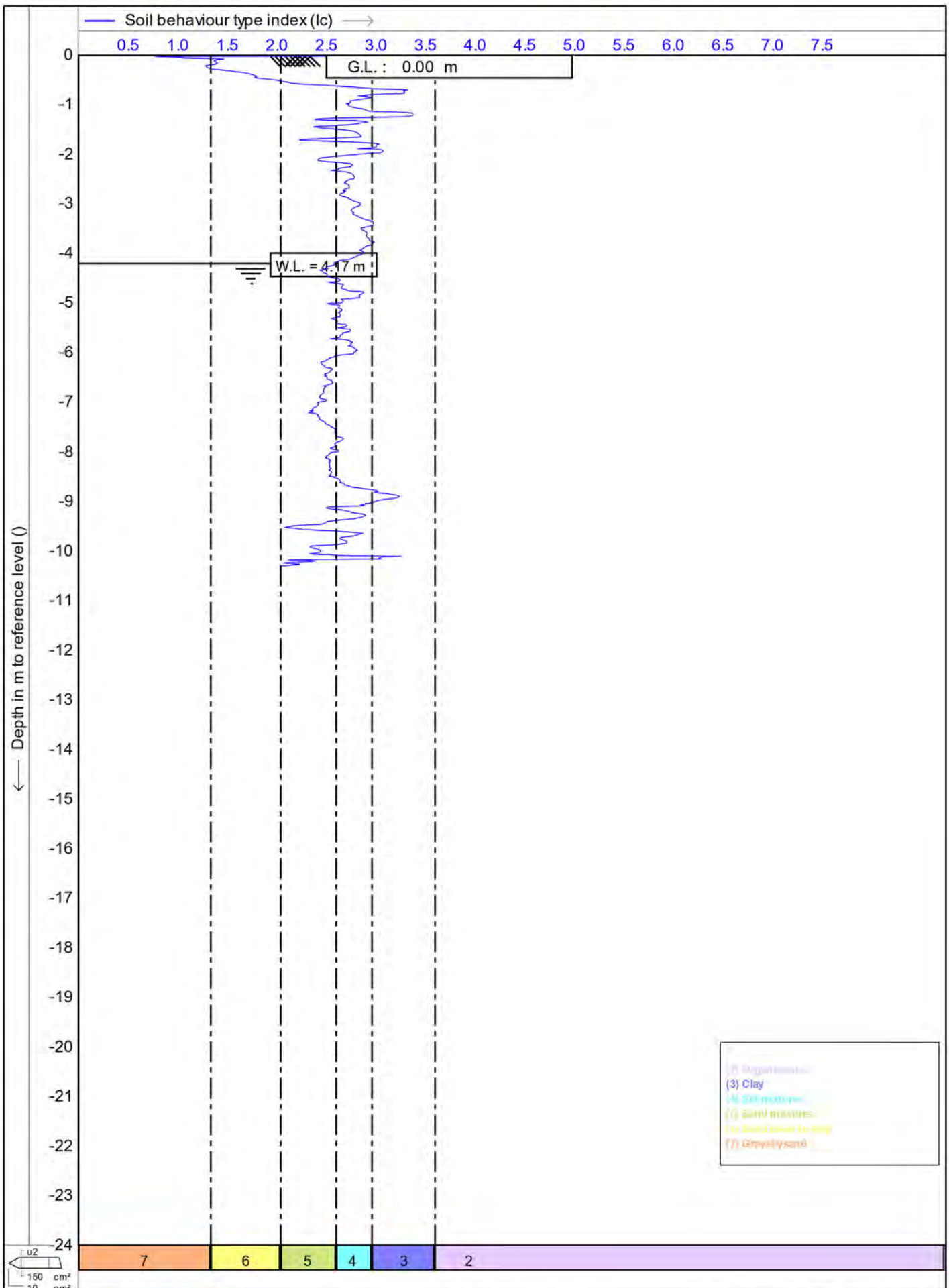


150 cm<sup>2</sup>  
 10 cm<sup>2</sup>



Test according NEN 5140 class 1  
 Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.96114, -37.033433 WGS 84**

Date : **21/04/2021**  
 Cone no. : **S10CFIIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_20** 8/15



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.96114, -37.033433 WGS 84**

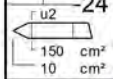
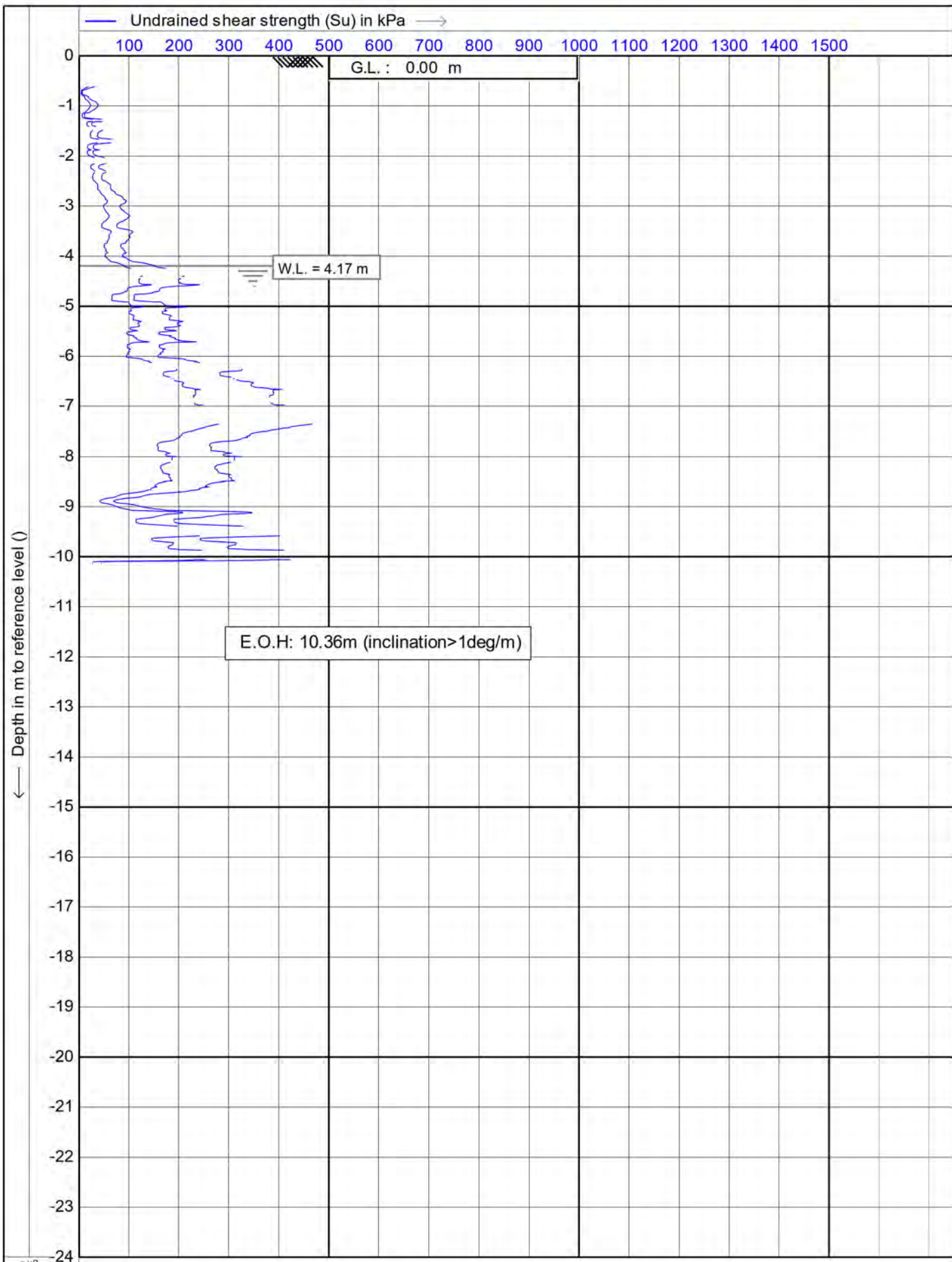
Date : **21/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_20** 9/15





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

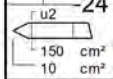
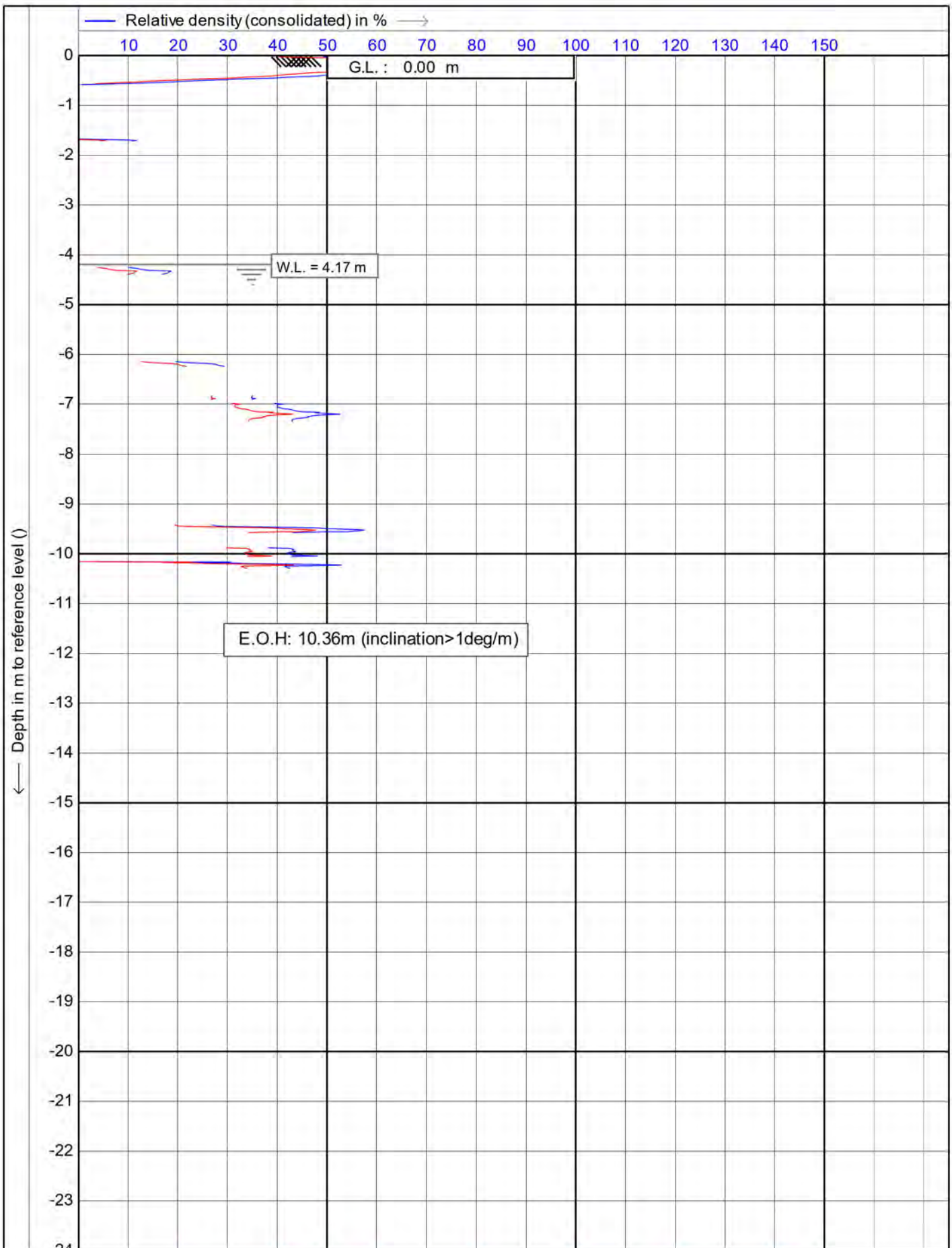
Position: **174.96114, -37.033433 WGS 84**

Date : **21/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_20** 10/15



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

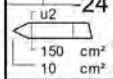
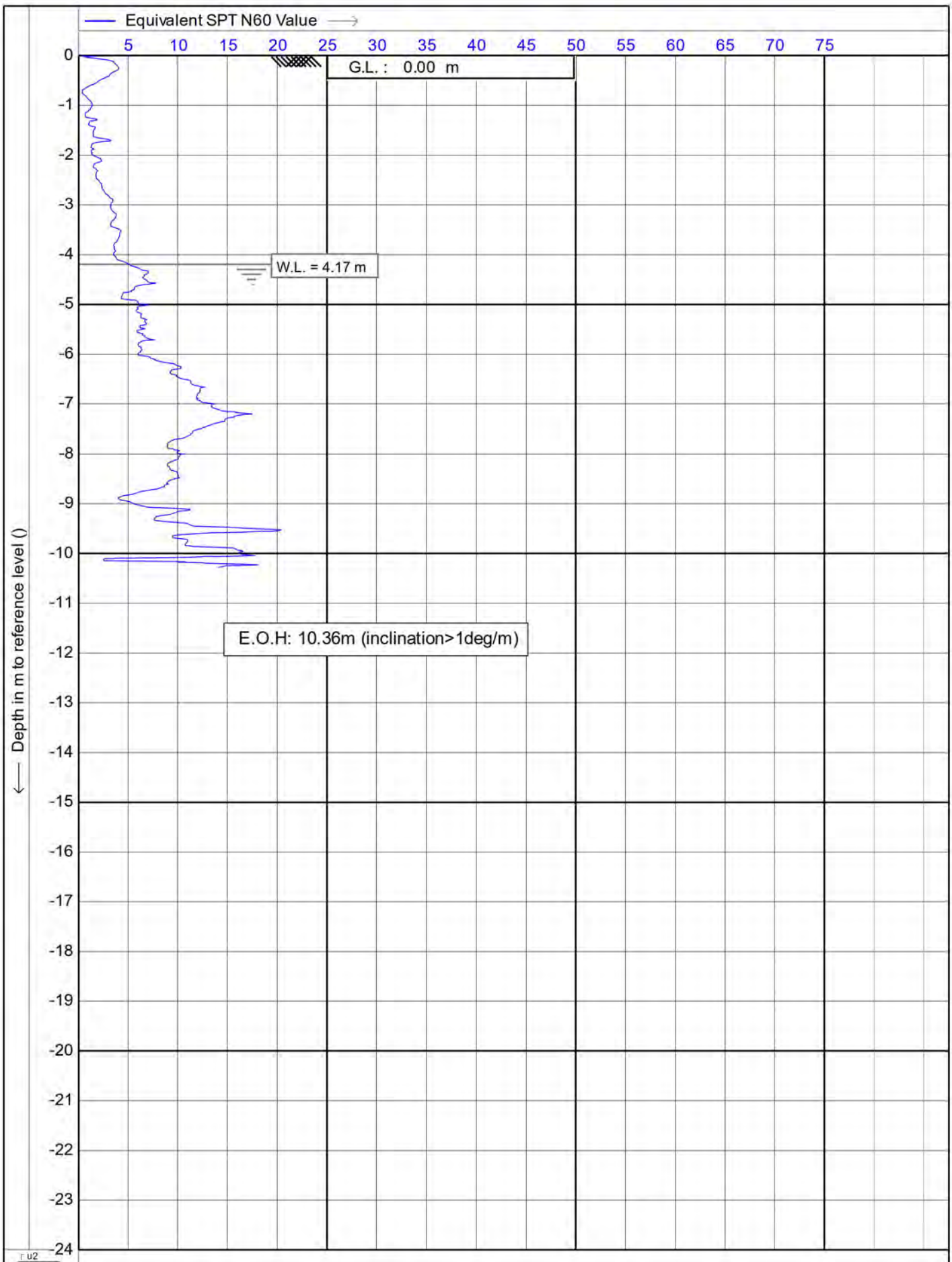
Position: 174.96114, -37.033433 WGS 84

Date : 21/04/2021

Cone no. : S10CFIP.S16082

Project no. : DF21GE034

CPT no. : CPT\_20 11/15



Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

Position: **174.96114, -37.033433 WGS 84**

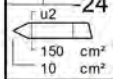
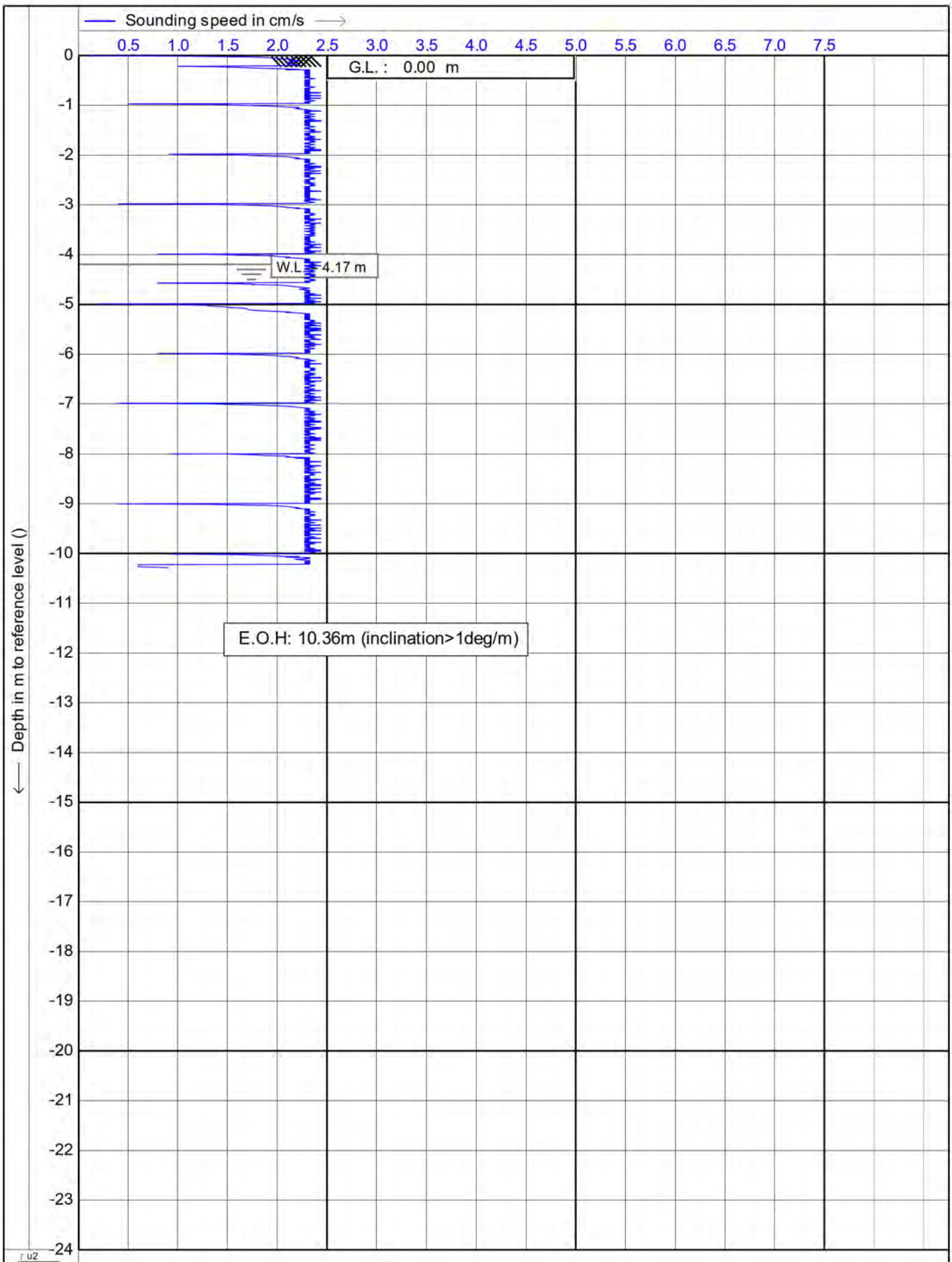
Date : **21/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_20** 12/15





Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

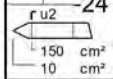
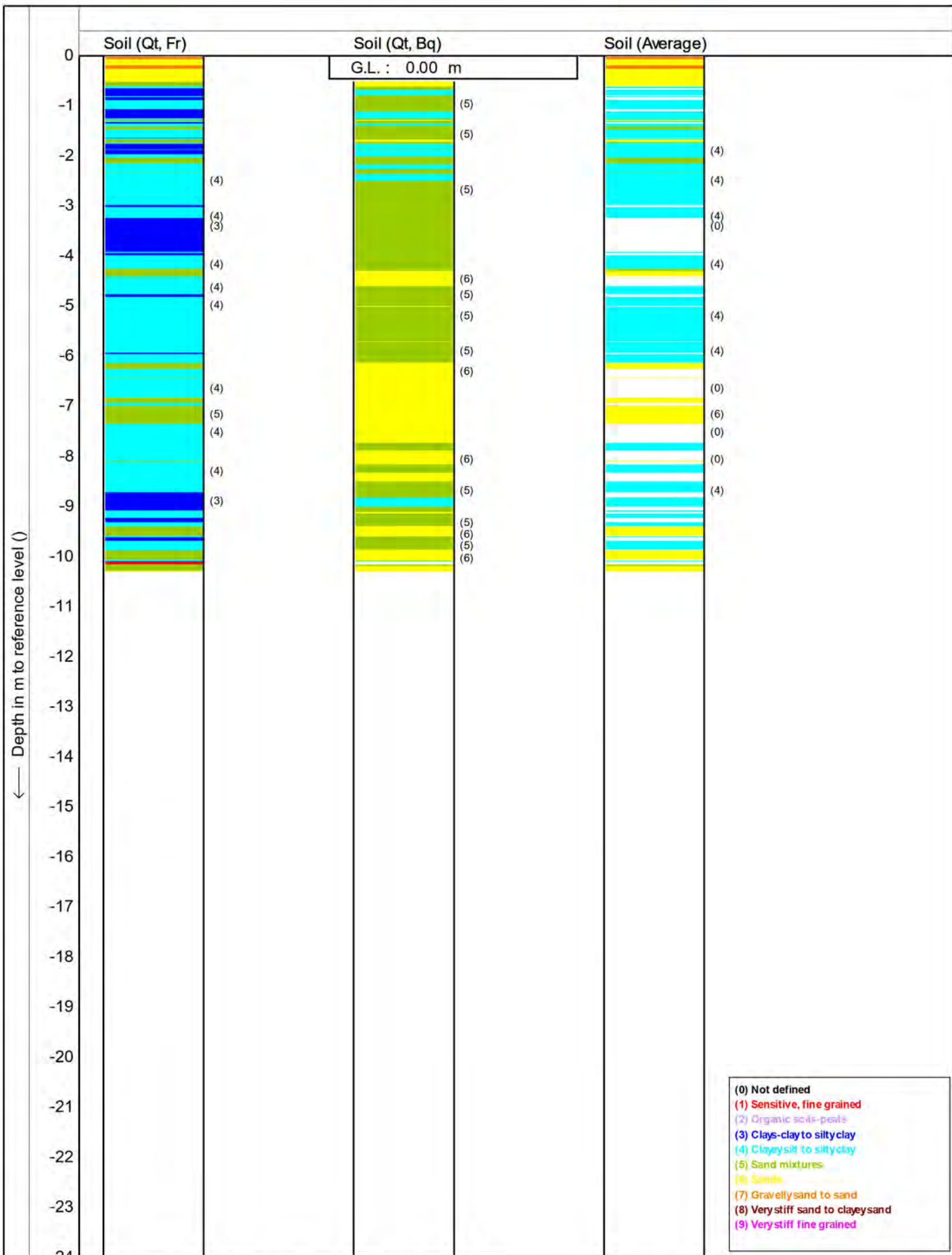
Position: 174.96114, -37.033433 WGS 84

Date : 21/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_20** 13/15



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

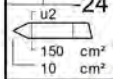
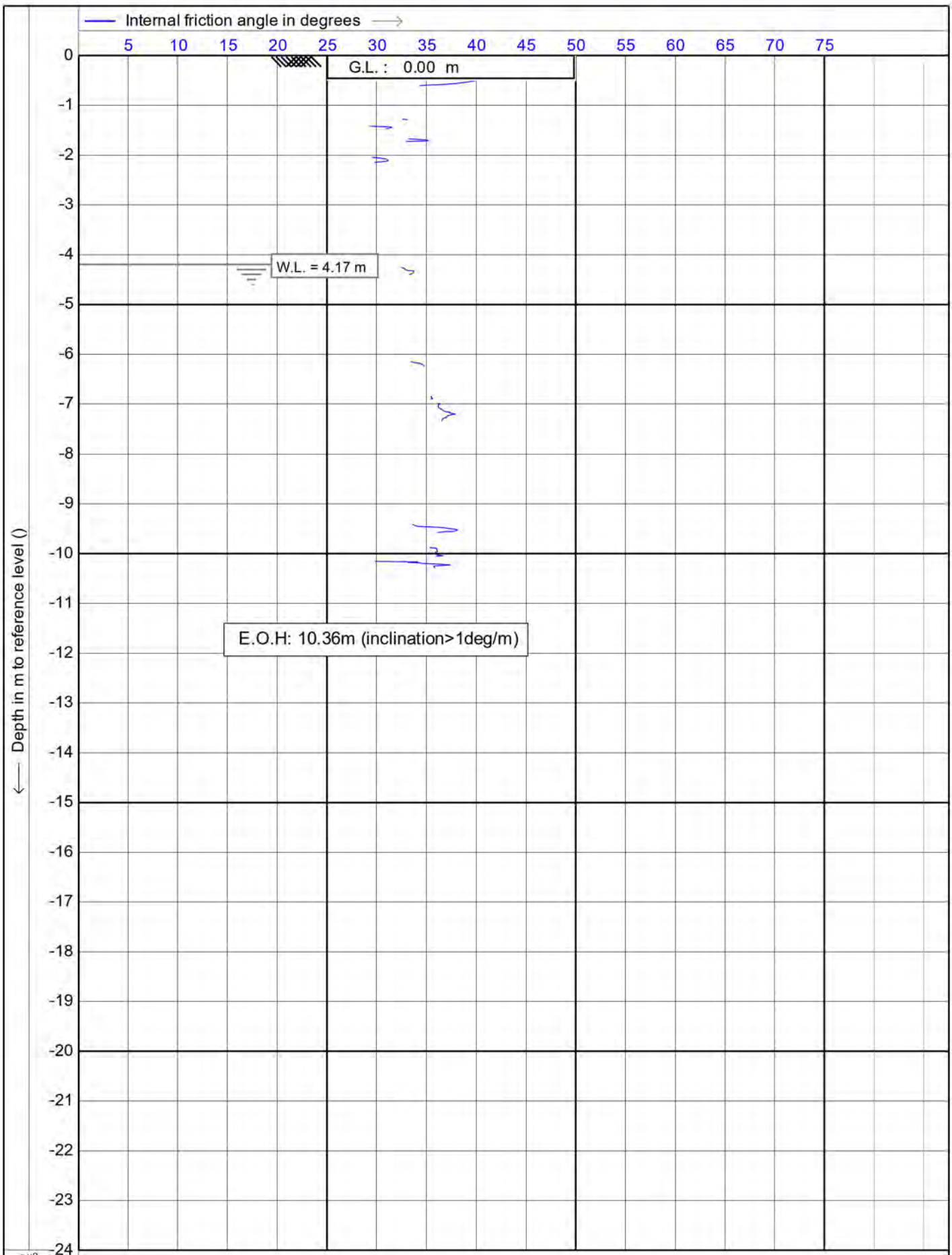
Position: 174.96114, -37.033433 WGS 84

Date : 21/04/2021

Cone no. : S10CFIP.S16082

Project no. : DF21GE034

CPT no. : CPT\_20 14/15



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.96114, -37.033433 WGS 84

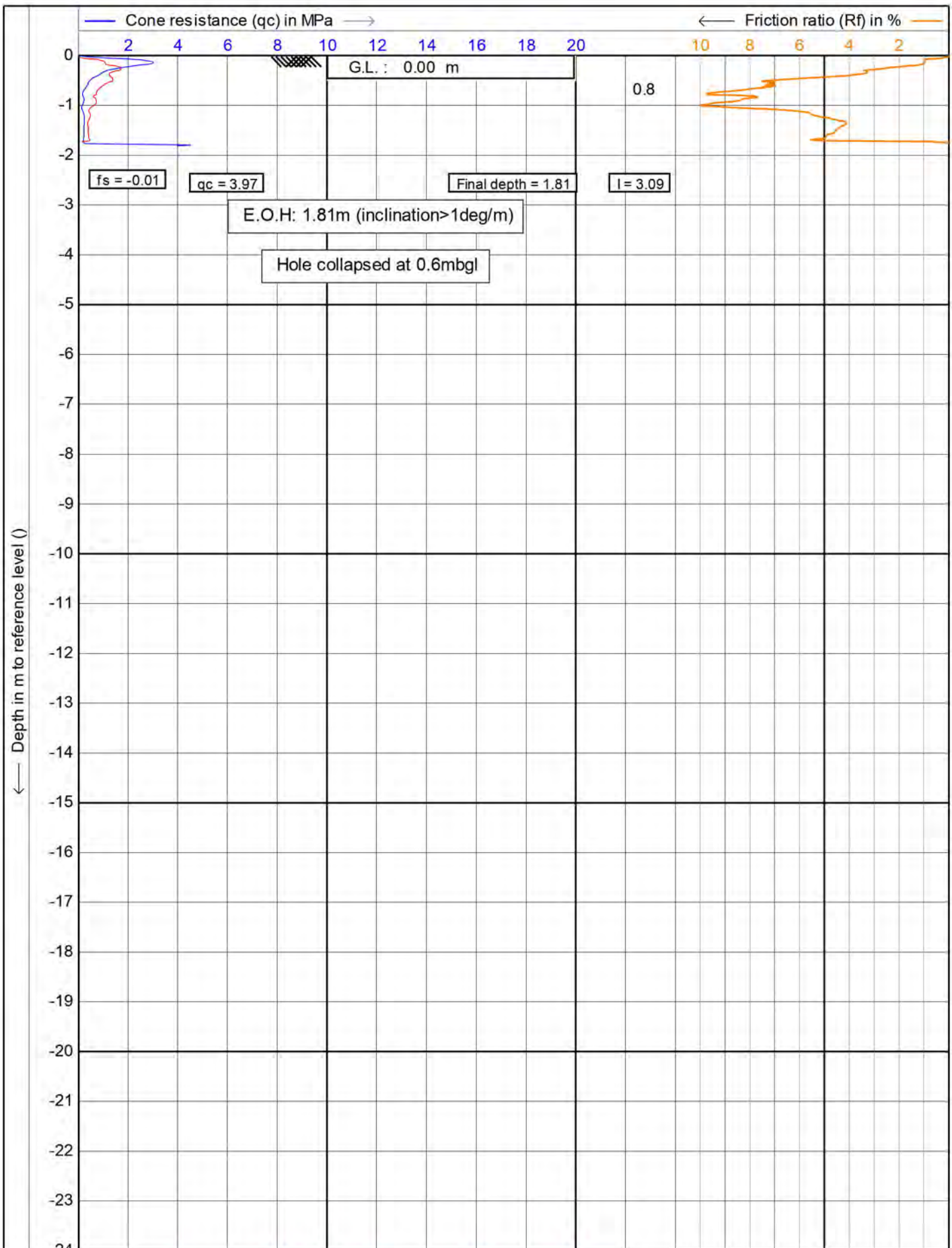
Date : 21/04/2021

Cone no. : S10CFIIP.S16082

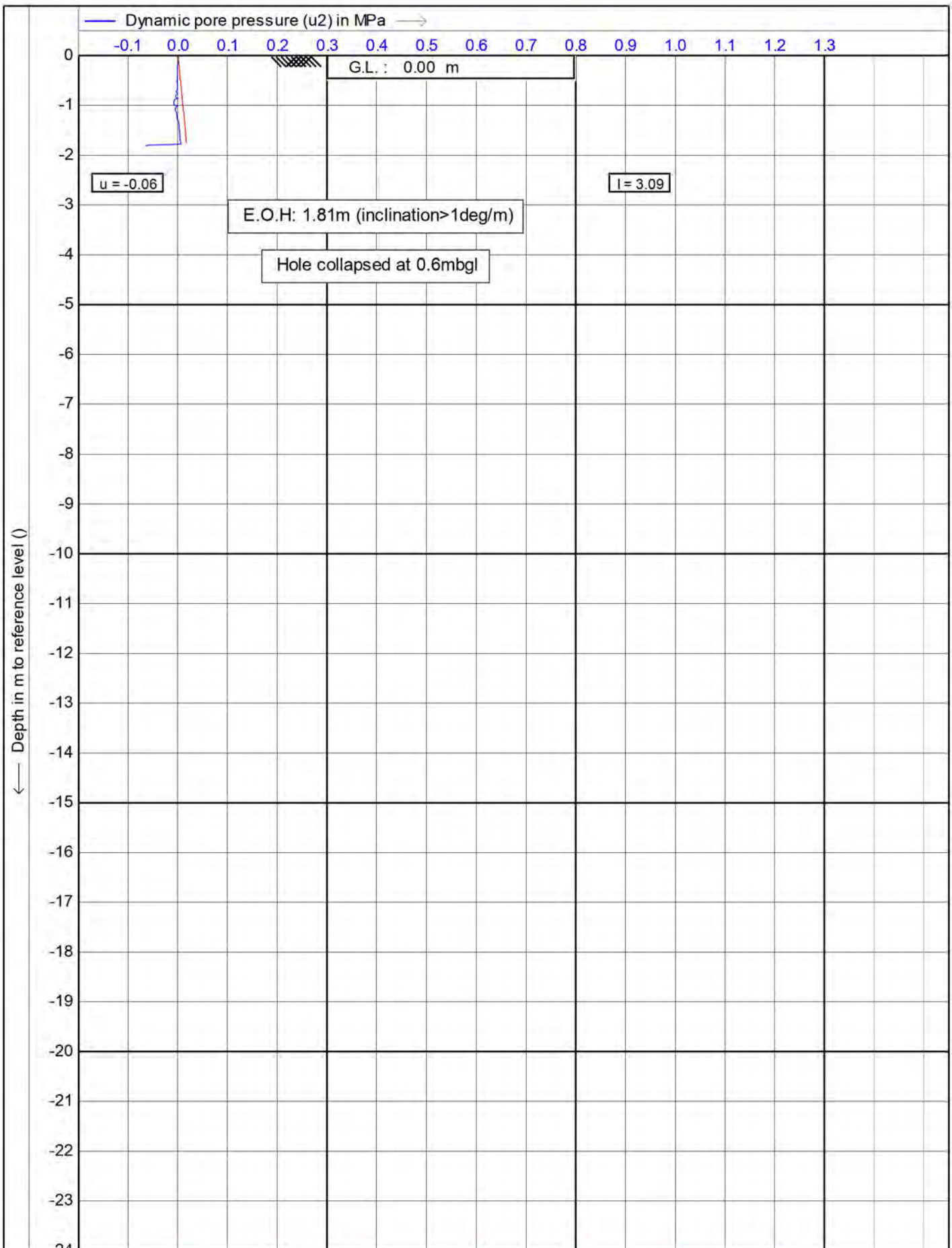
Project no. : **DF21GE034**

CPT no. : **CPT\_20** 15/15

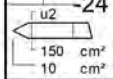
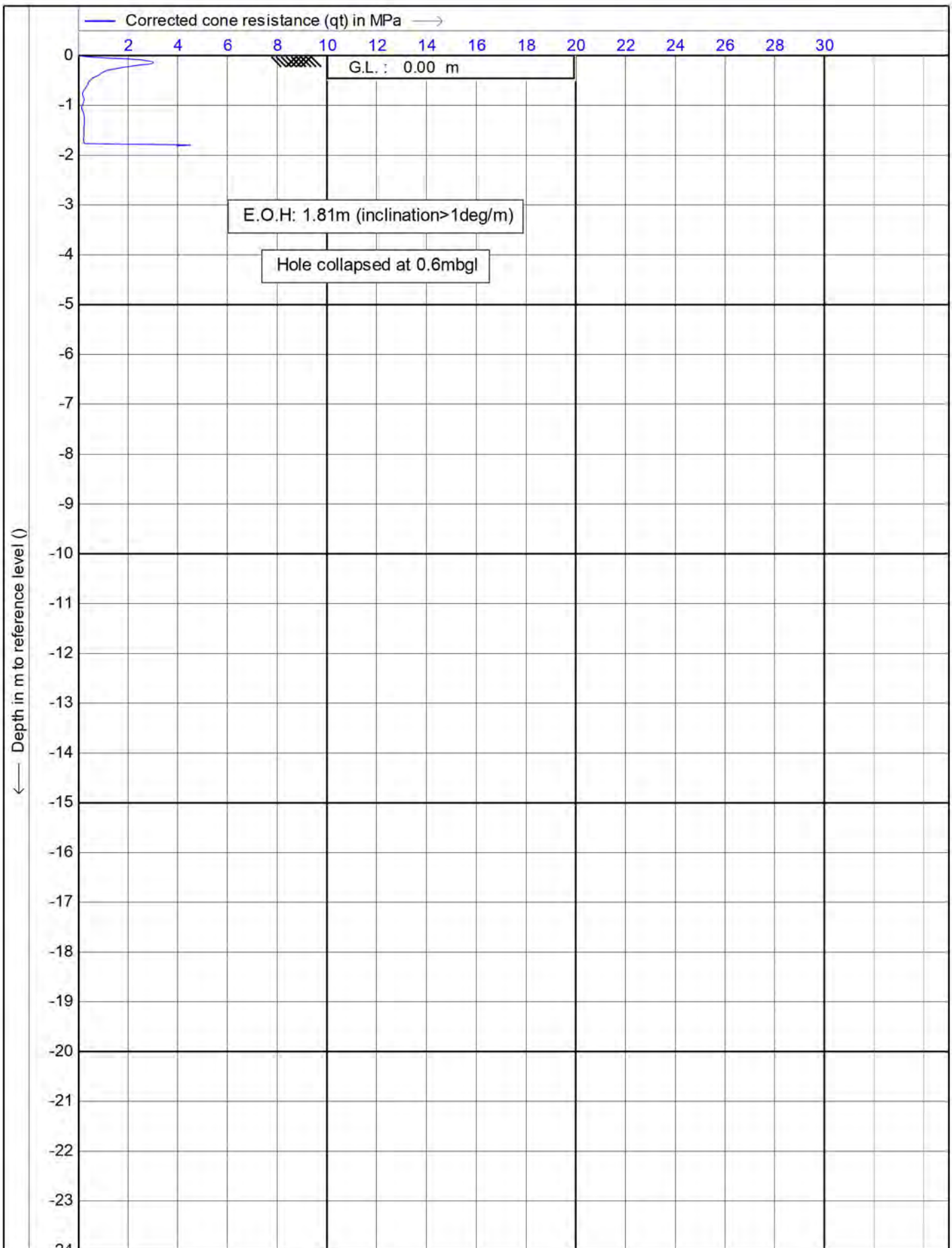




Test acc NZ class	Date : 22/04/2021
Project : Hamlin Rd	Cone no. : S10CFIP.S16082
Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
Position: 174.95709, -37.03506 WGS 84	CPT no. : <b>CPT_21</b> 1/15

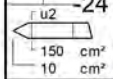
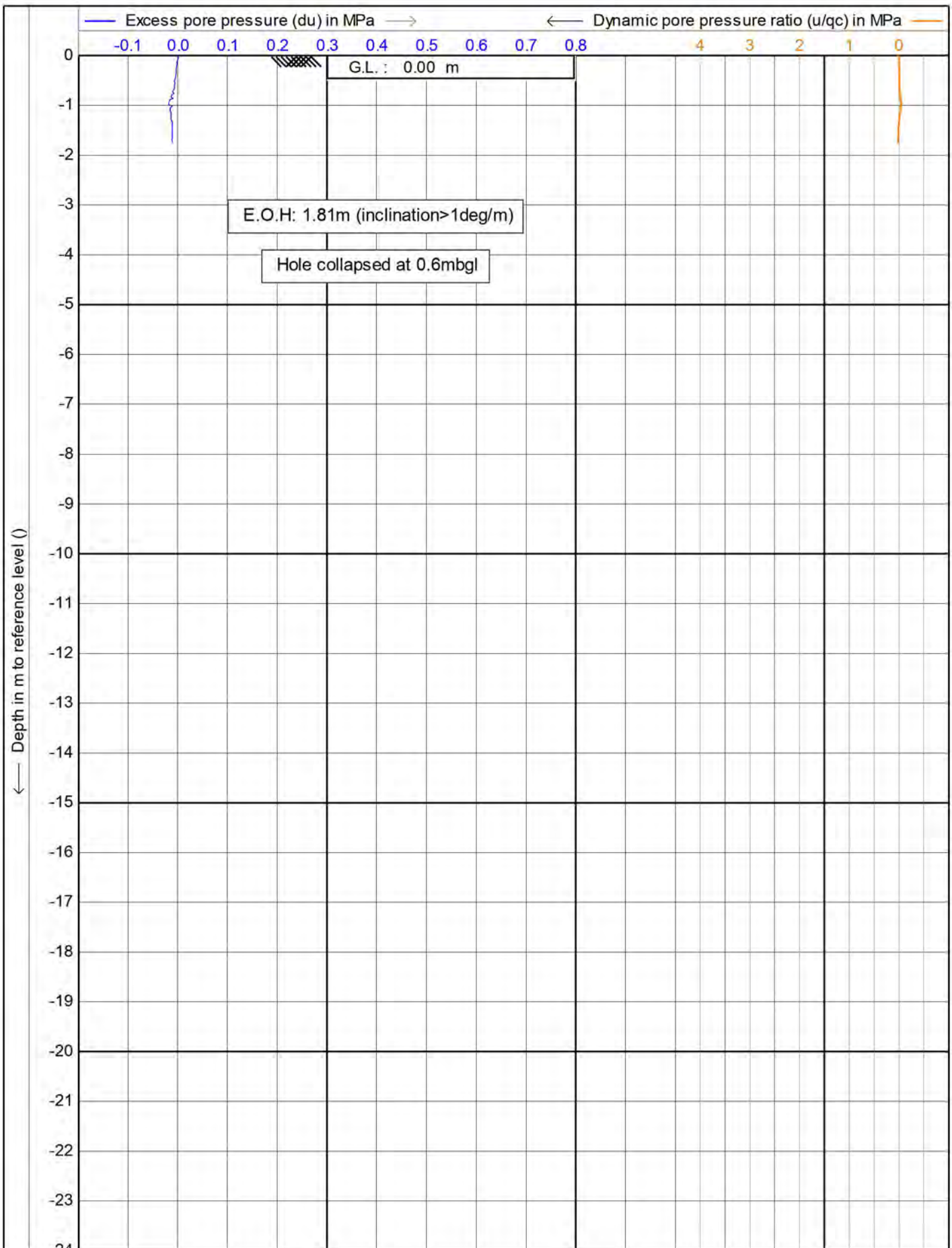


Test acc NZ class	Date : 22/04/2021
Project : Hamlin Rd	Cone no. : S10CFIP.S16082
Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
Position: 174.95709, -37.03506 WGS 84	CPT no. : <b>CPT_21</b> 2/15



	Test acc NZ class	Date : 22/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
	Position: 174.95709, -37.03506 WGS 84	CPT no. : <b>CPT_21</b> 3/15

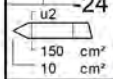
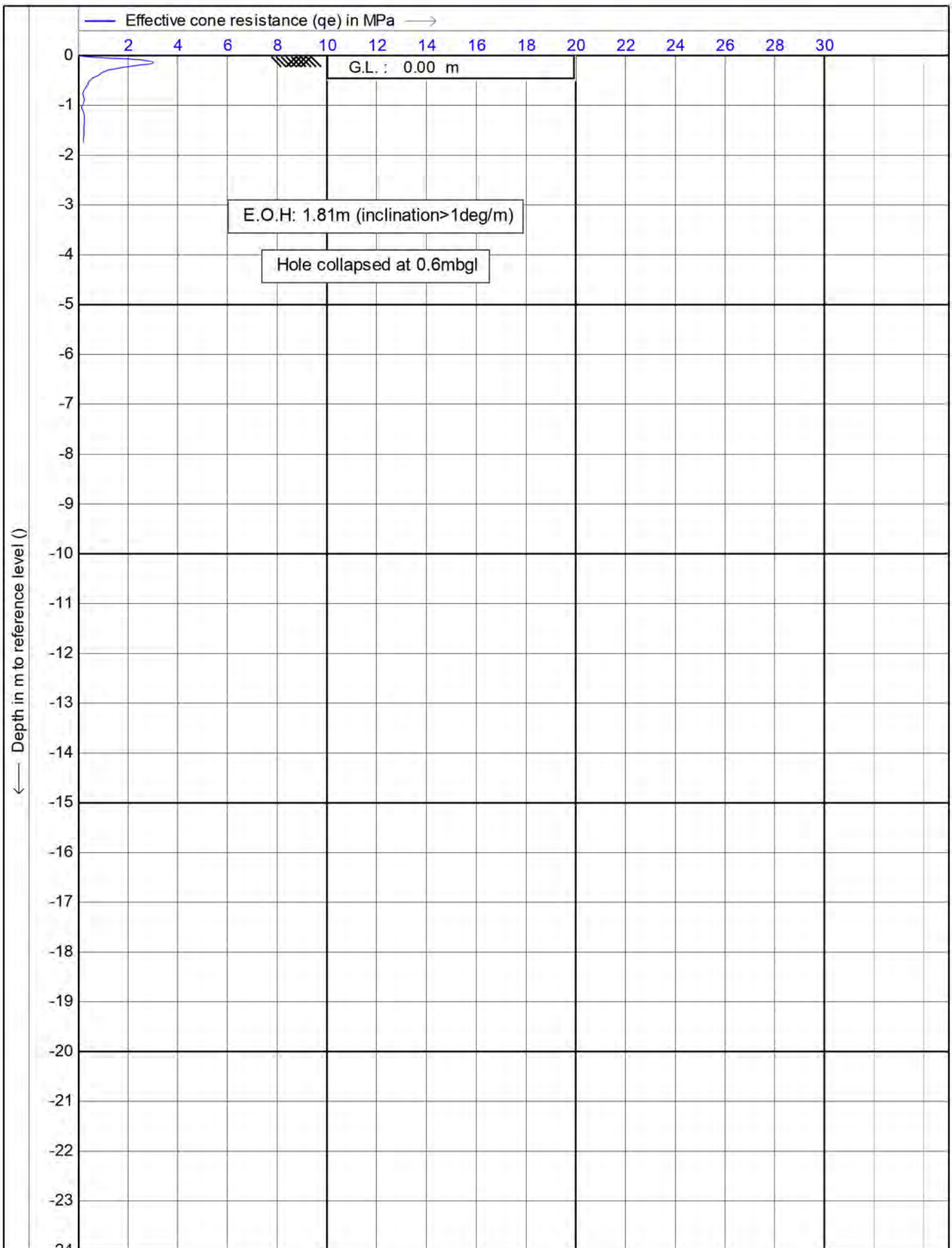




Test acc NZ class

Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95709, -37.03506 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_21** 4/15



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

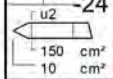
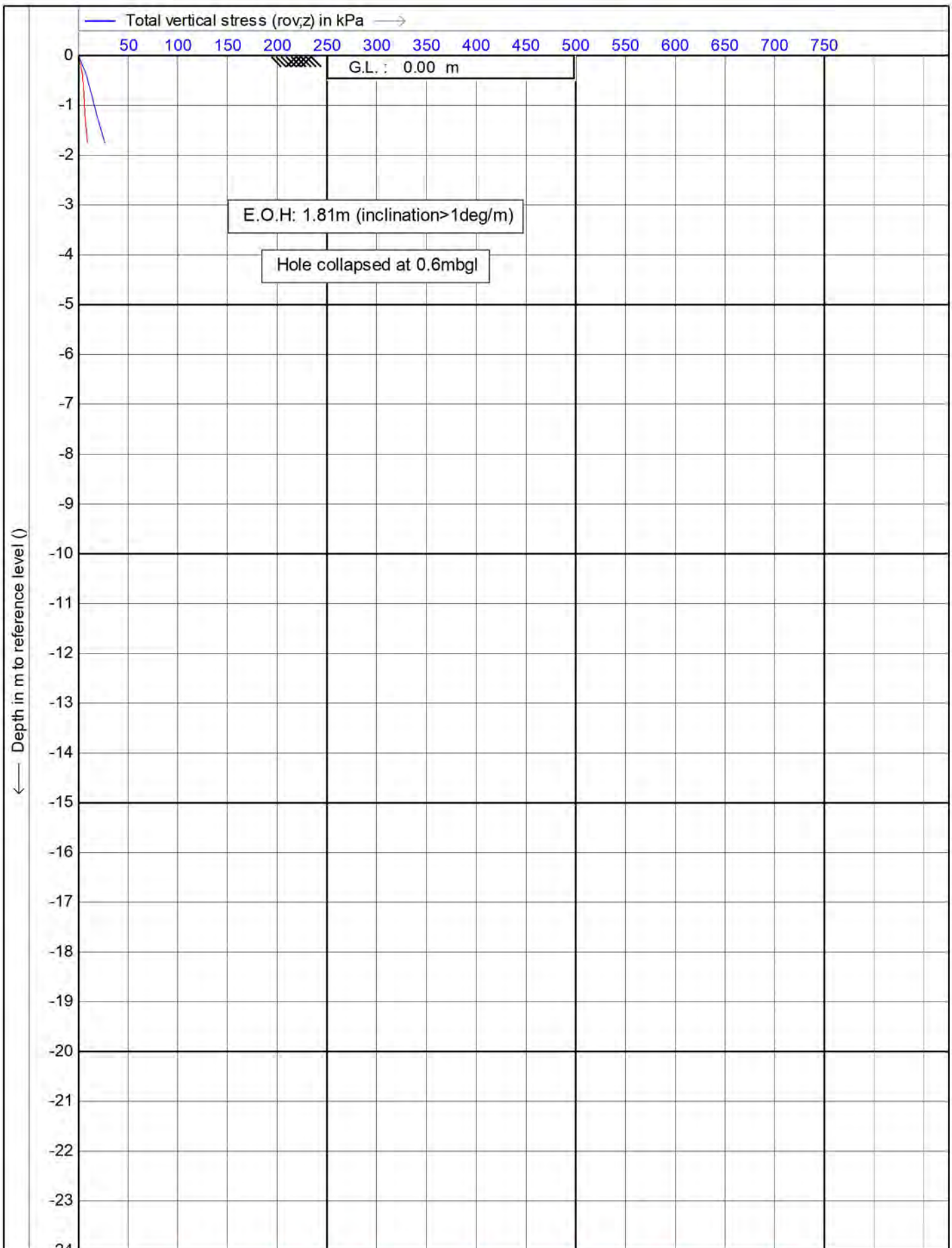
Position: 174.95709, -37.03506 WGS 84

Date : 22/04/2021

Cone no. : S10CFIP.S16082

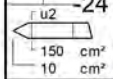
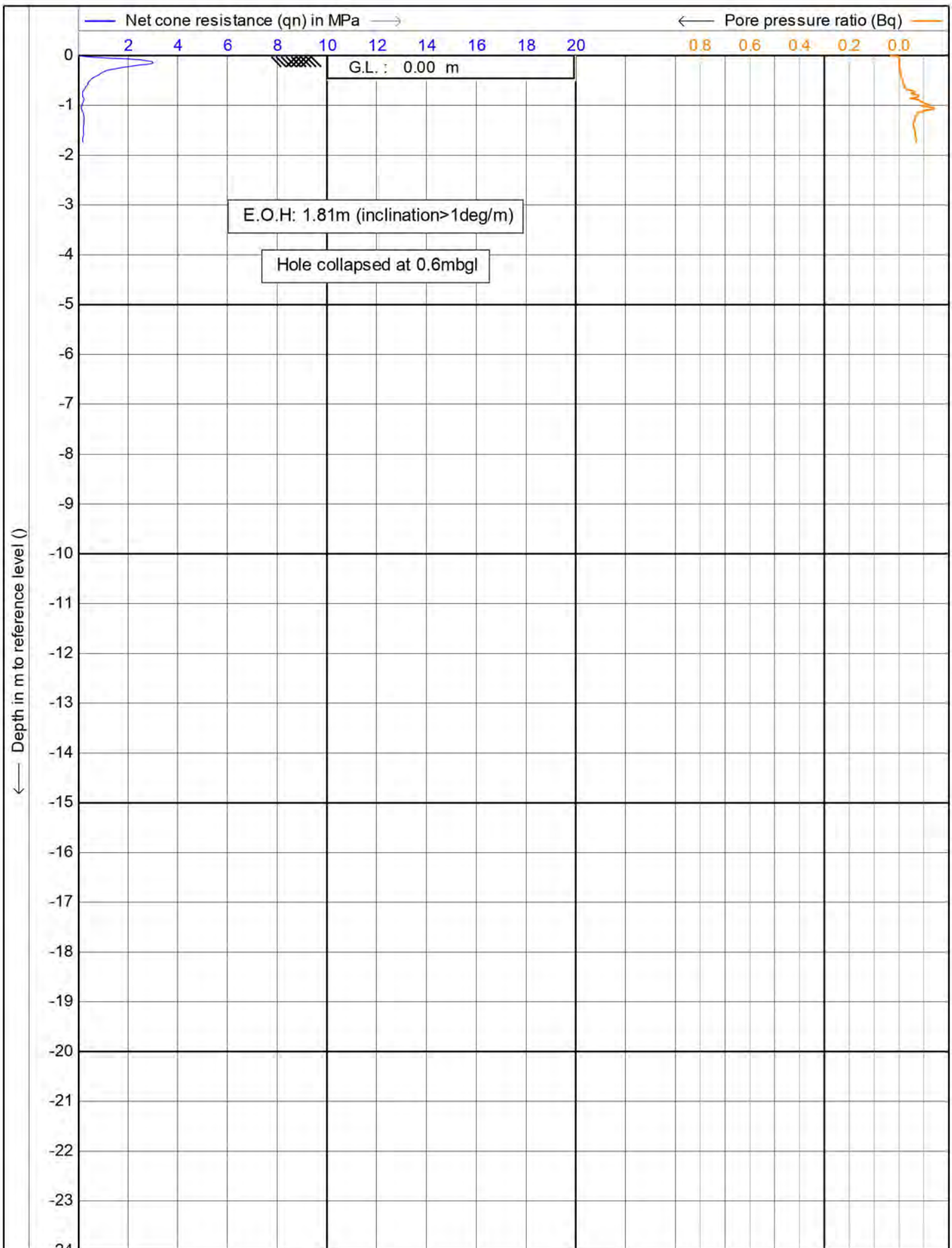
Project no. : **DF21GE034**

CPT no. : **CPT\_21** 5/15

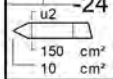
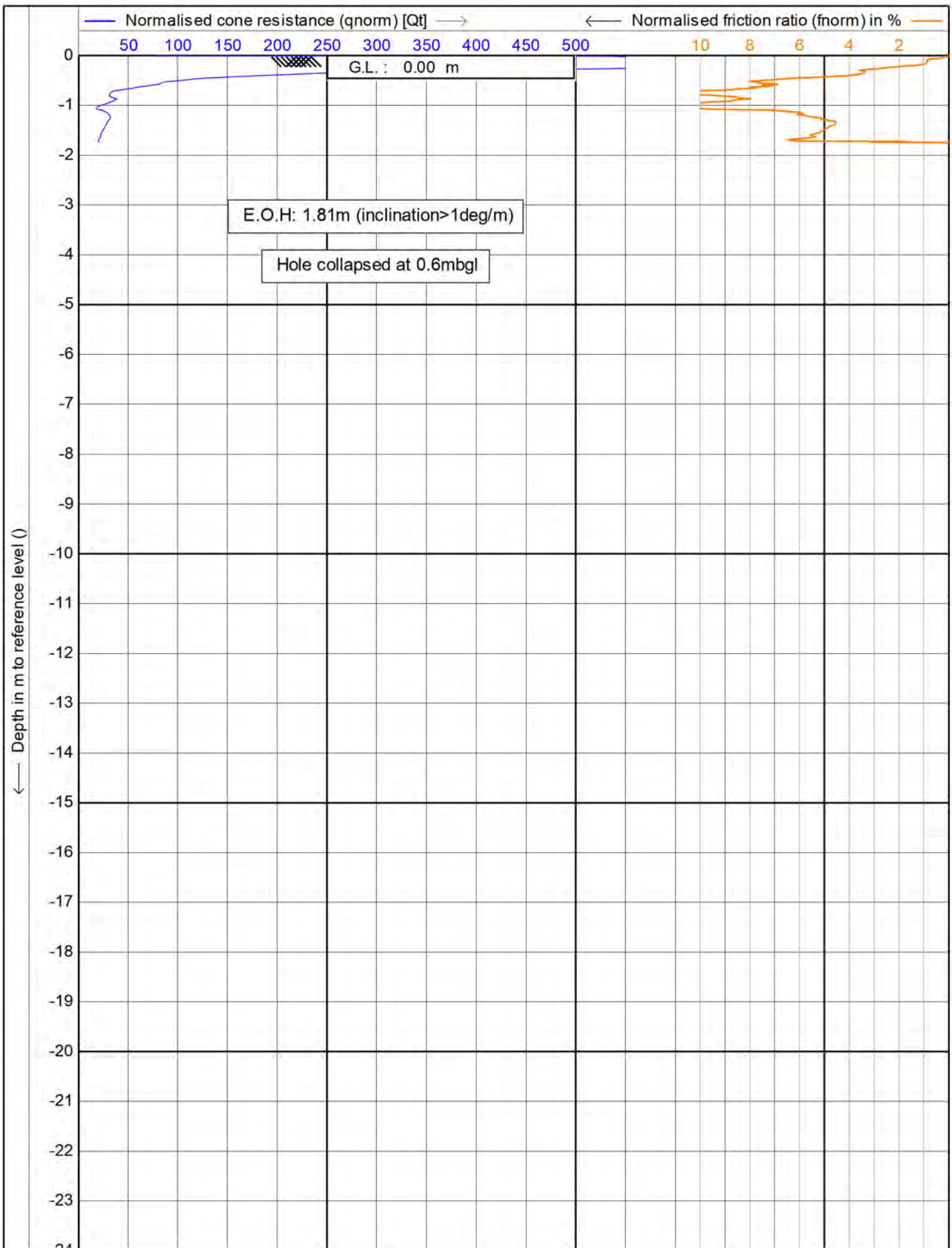


	Test acc NZ class	Date : 22/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
	Position: 174.95709, -37.03506 WGS 84	CPT no. : <b>CPT_21</b> 6/15

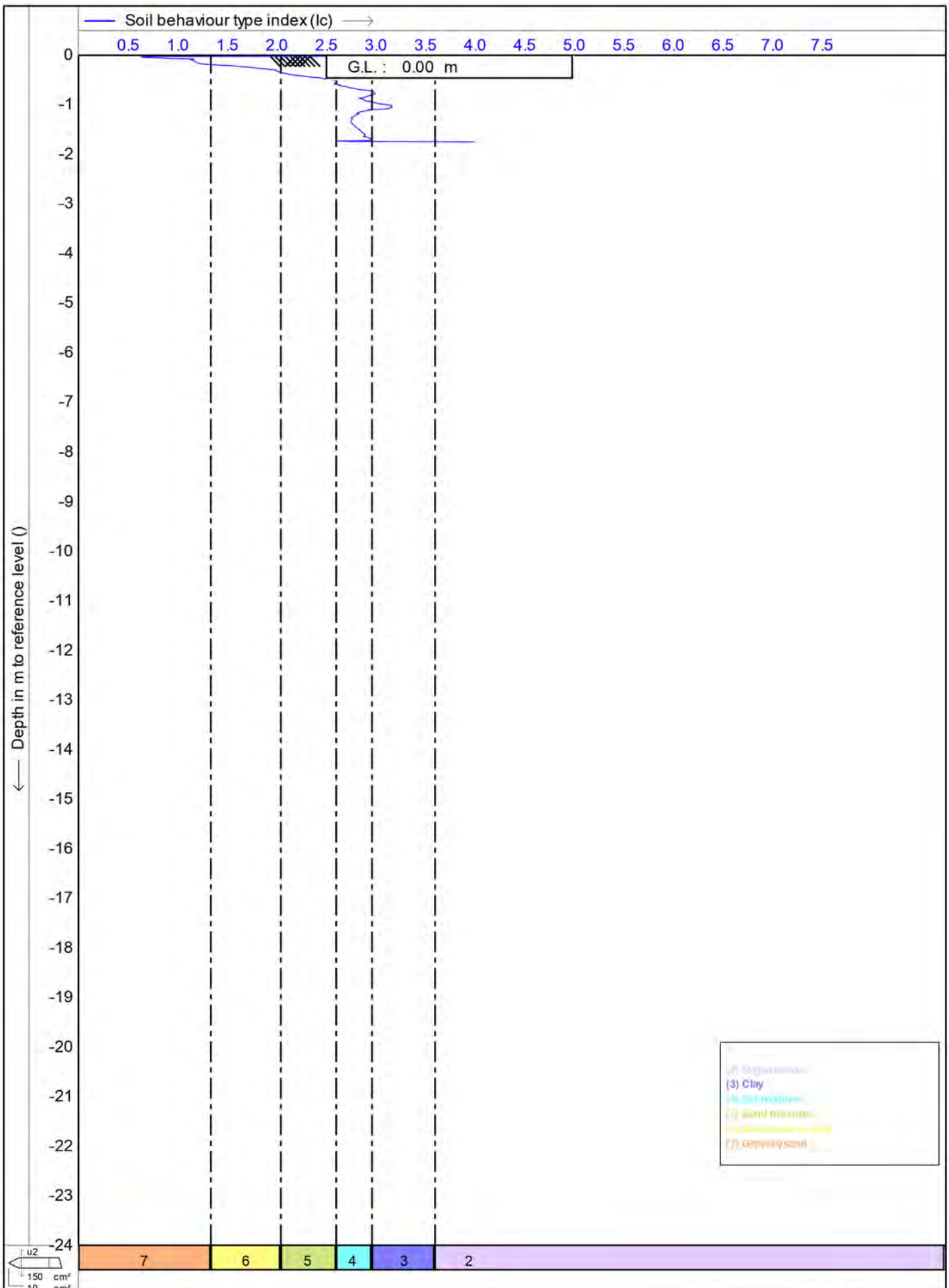




	Test acc NZ class	Date : 22/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
	Position: 174.95709, -37.03506 WGS 84	CPT no. : <b>CPT_21</b> 7/15



	Test acc NZ class	Date : 22/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
	Position: 174.95709, -37.03506 WGS 84	CPT no. : <b>CPT_21</b> 8/15



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95709, -37.03506 WGS 84

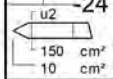
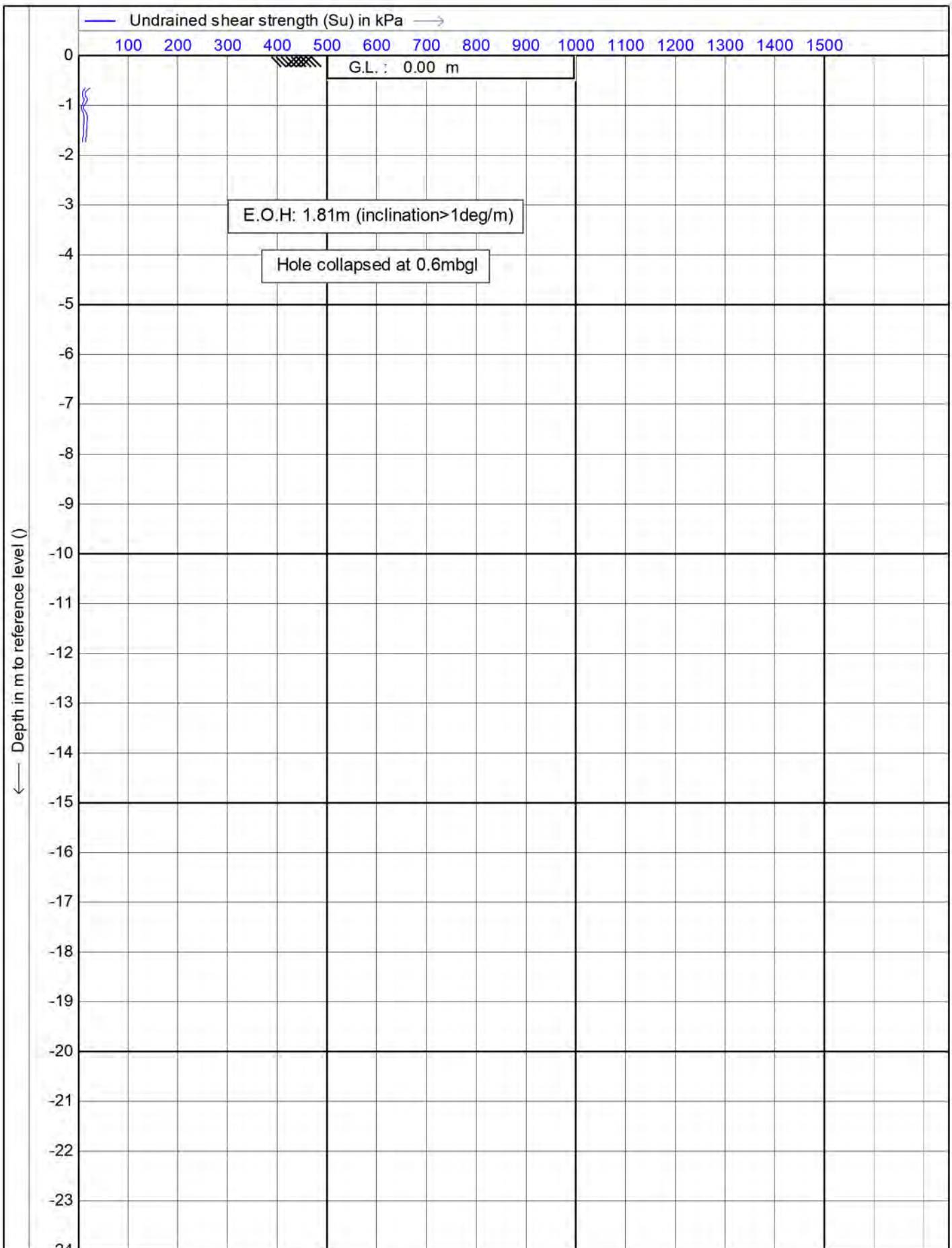
Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_21** 9/15





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

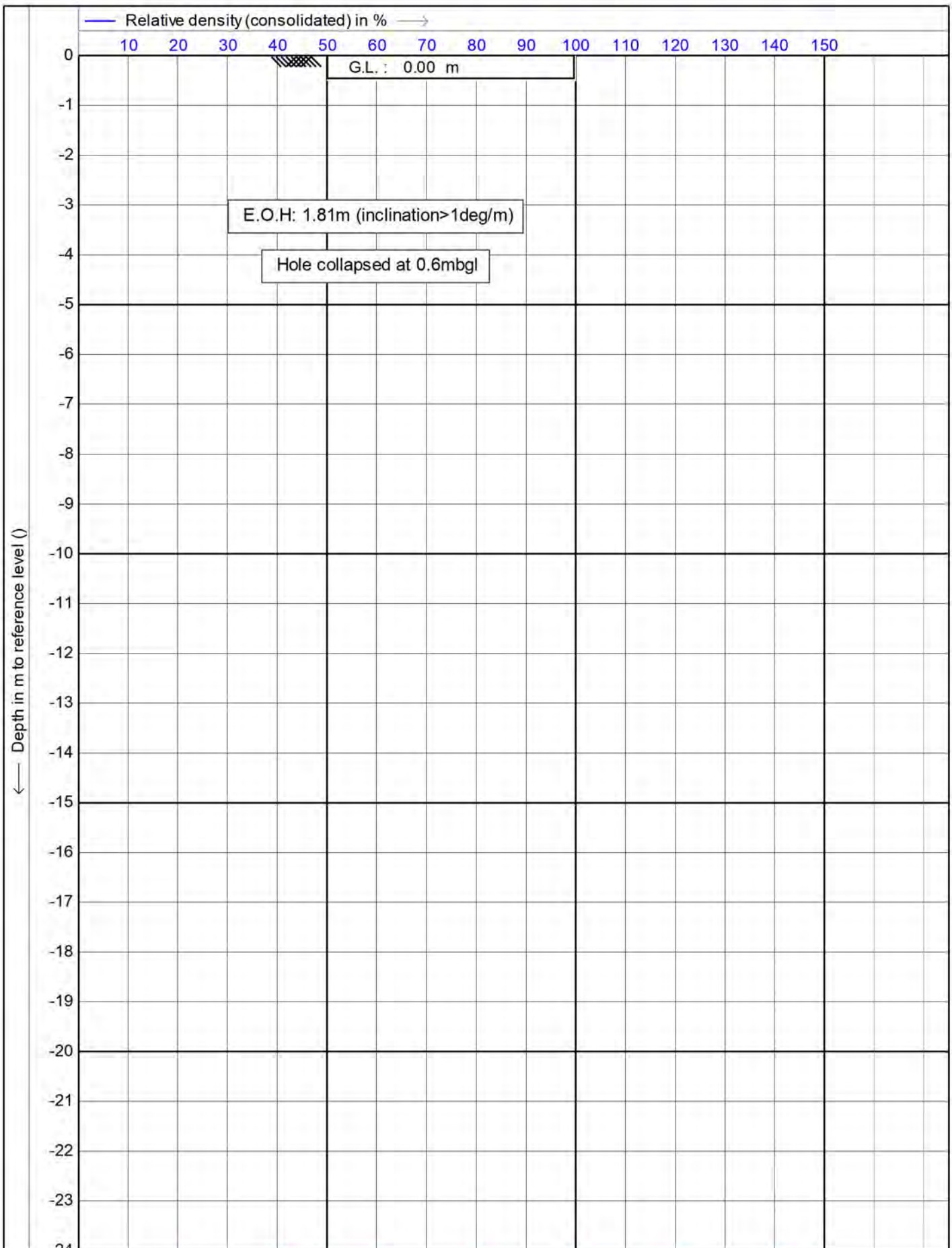
Position: 174.95709, -37.03506 WGS 84

Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_21** 10/15



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

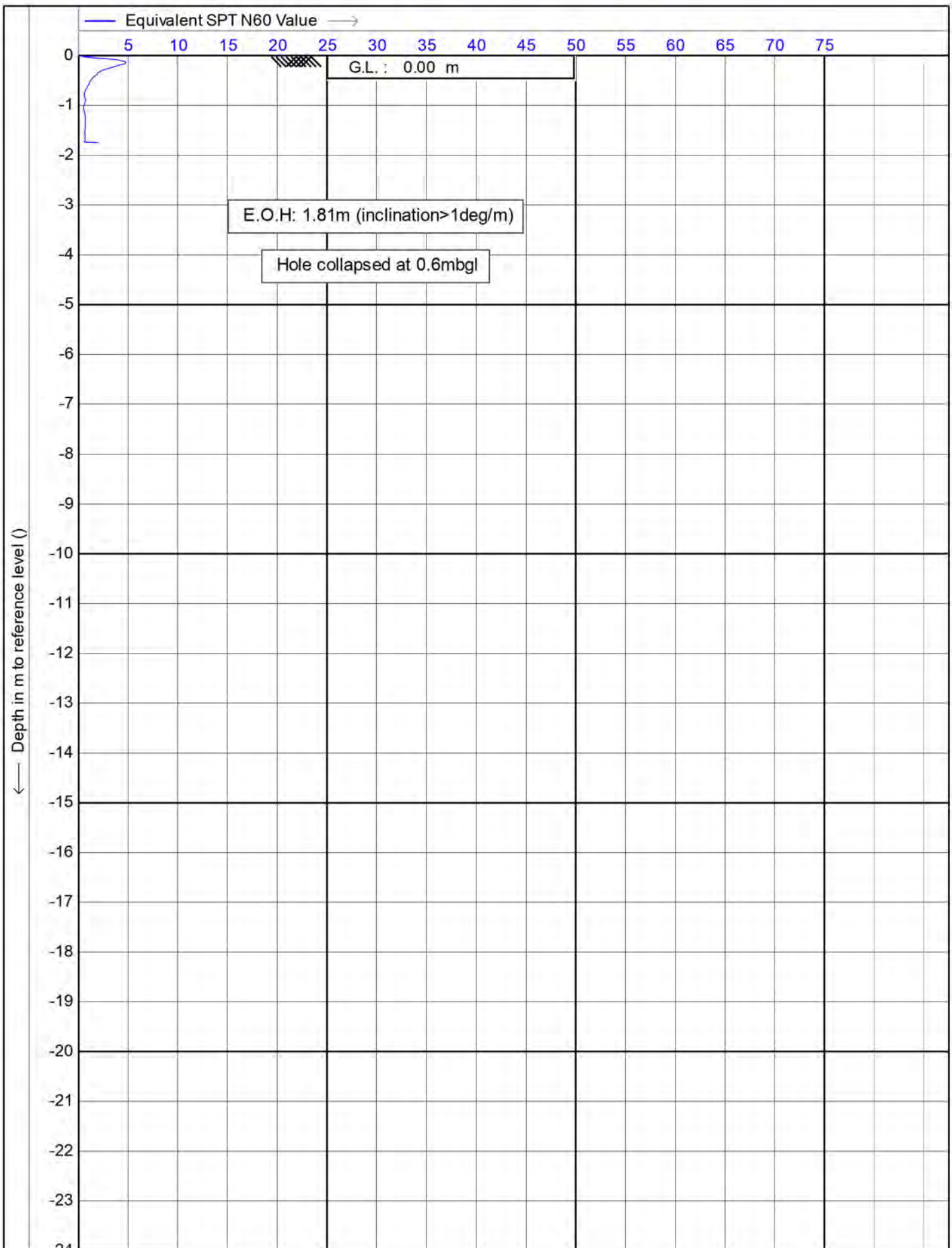
Position: 174.95709, -37.03506 WGS 84

Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_21** 11/15



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95709, -37.03506 WGS 84

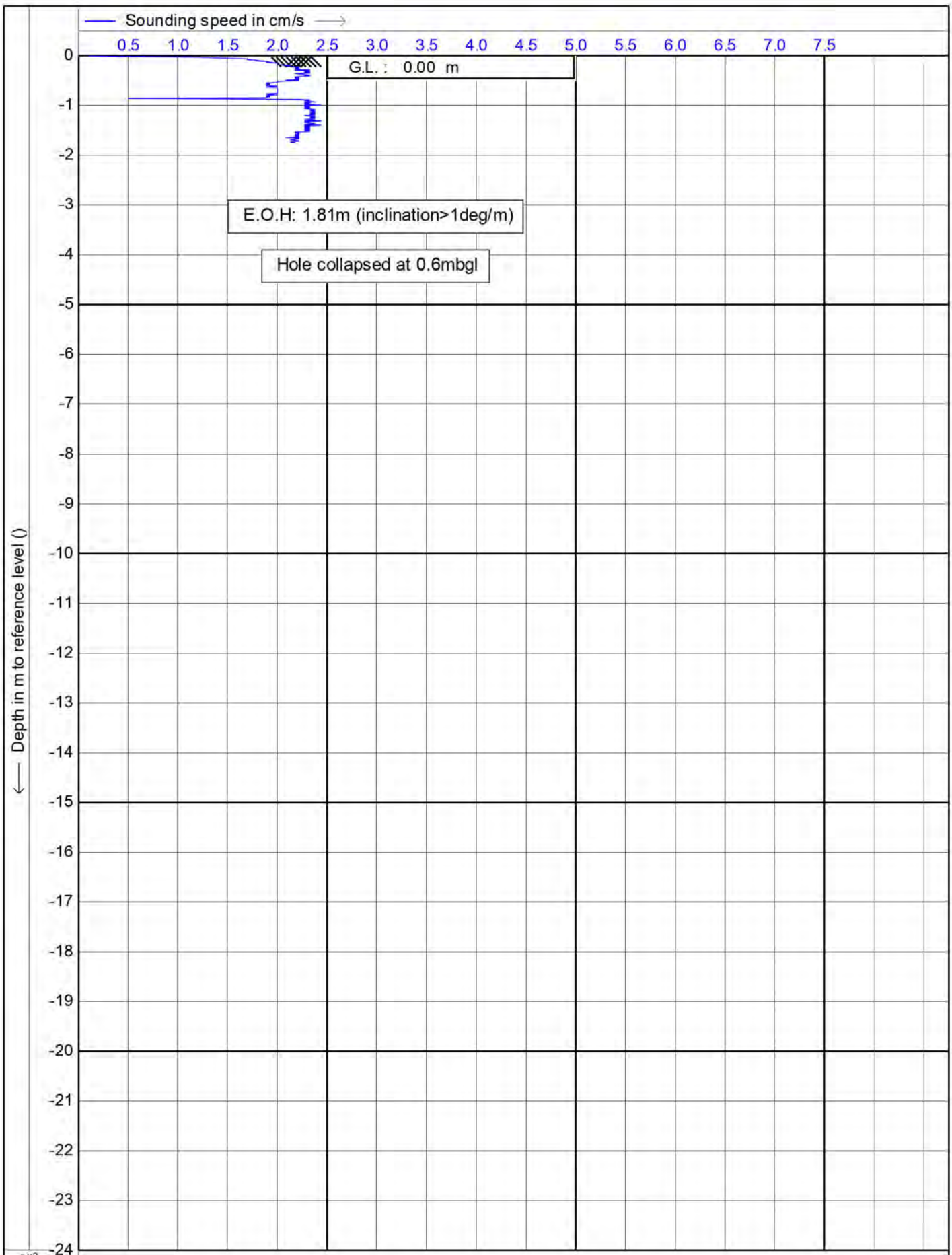
Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : DF21GE034

CPT no. : CPT\_21 12/15





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

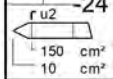
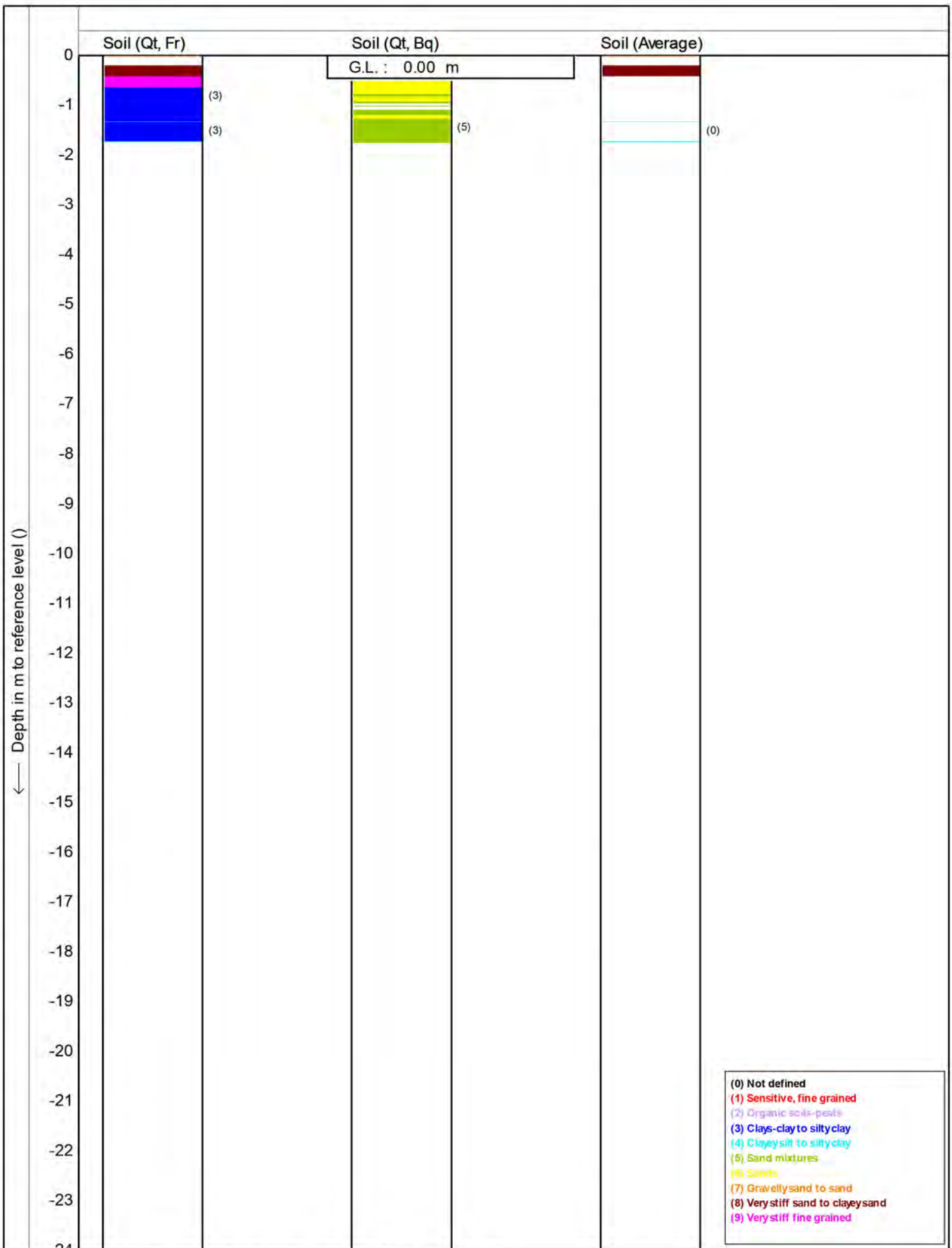
Position: 174.95709, -37.03506 WGS 84

Date : 22/04/2021

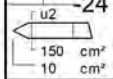
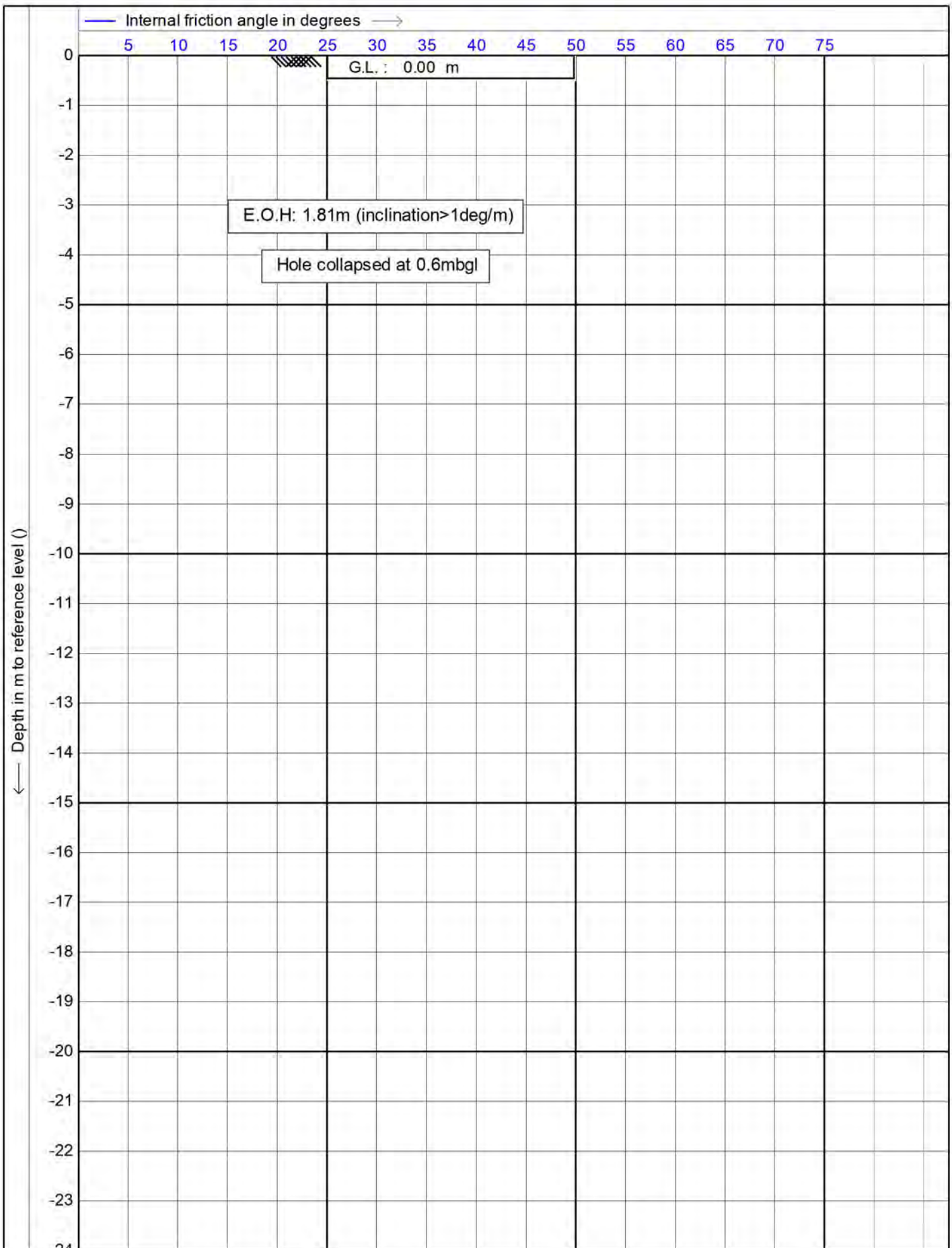
Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_21** 13/15



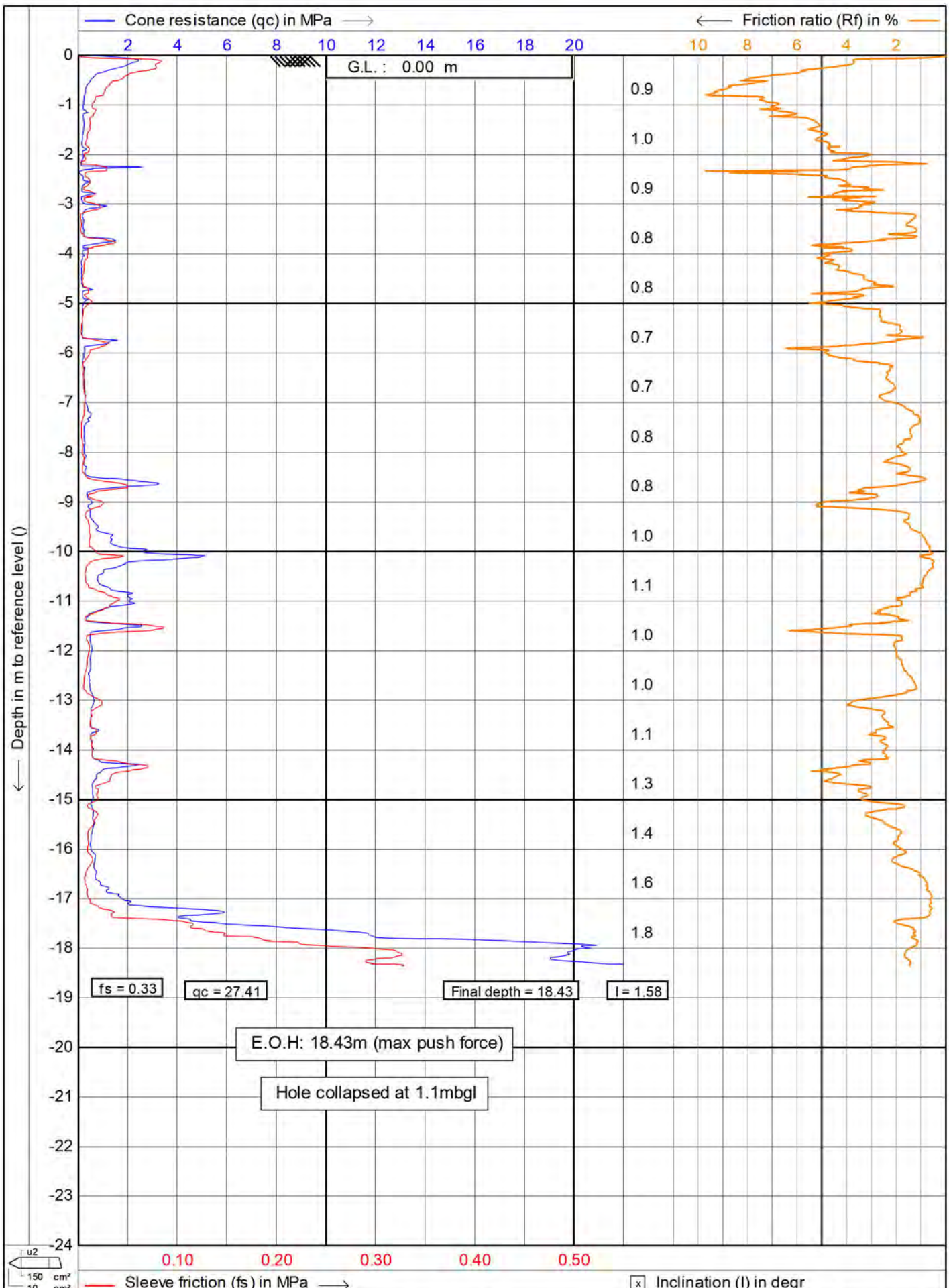
	Test acc NZ class	Date : 22/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : DF21GE034
	Position: 174.95709, -37.03506 WGS 84	CPT no. : CPT_21 14/15



Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95709, -37.03506 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_21** 15/15

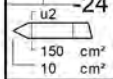
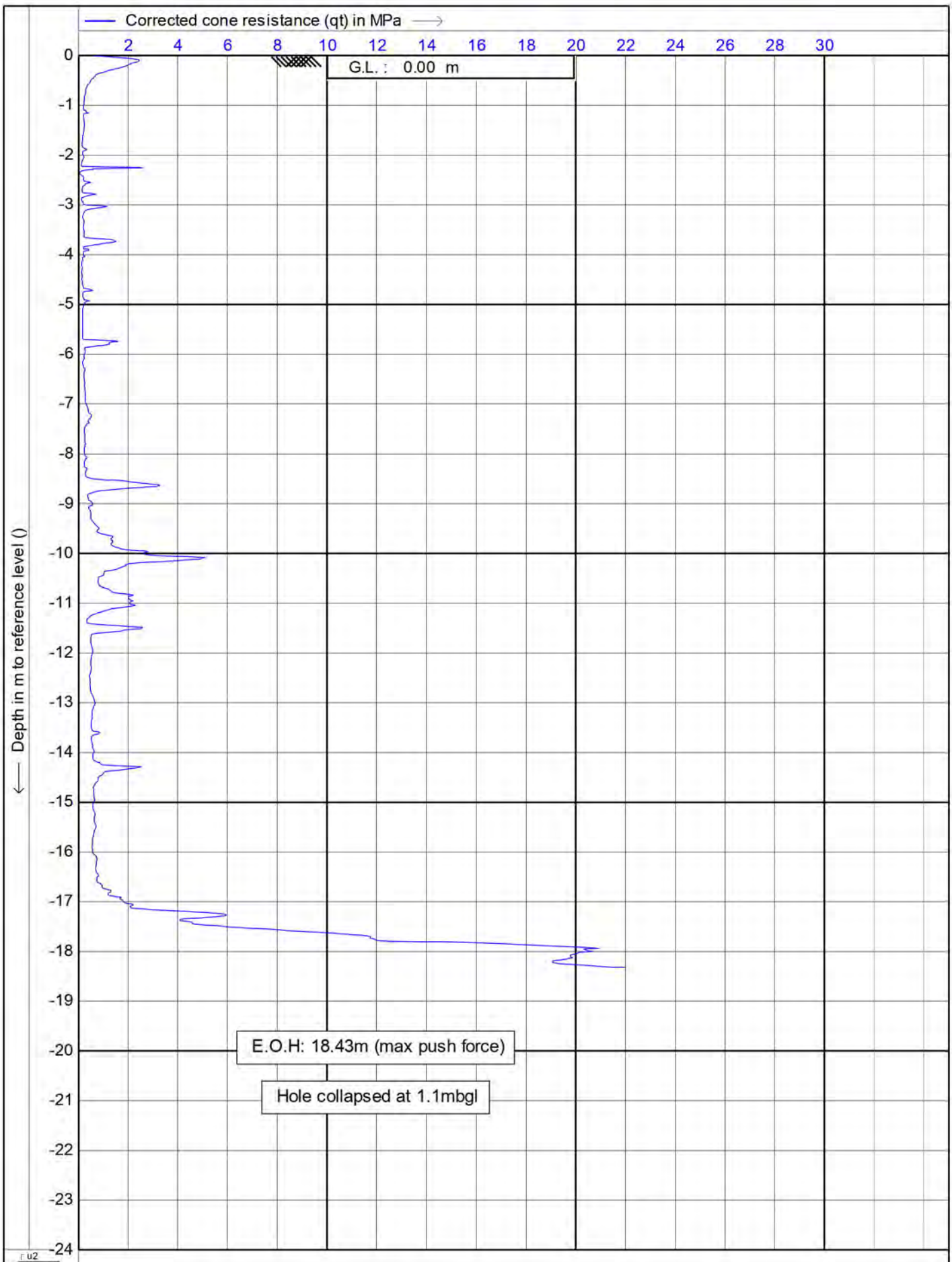




Test acc NZ class	Date : 22/04/2021
Project : Hamlin Rd	Cone no. : S10CFIP.S16082
Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
Position: 174.95709, -37.03506 WGS 84	CPT no. : CPT_21A 1/15

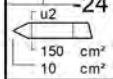
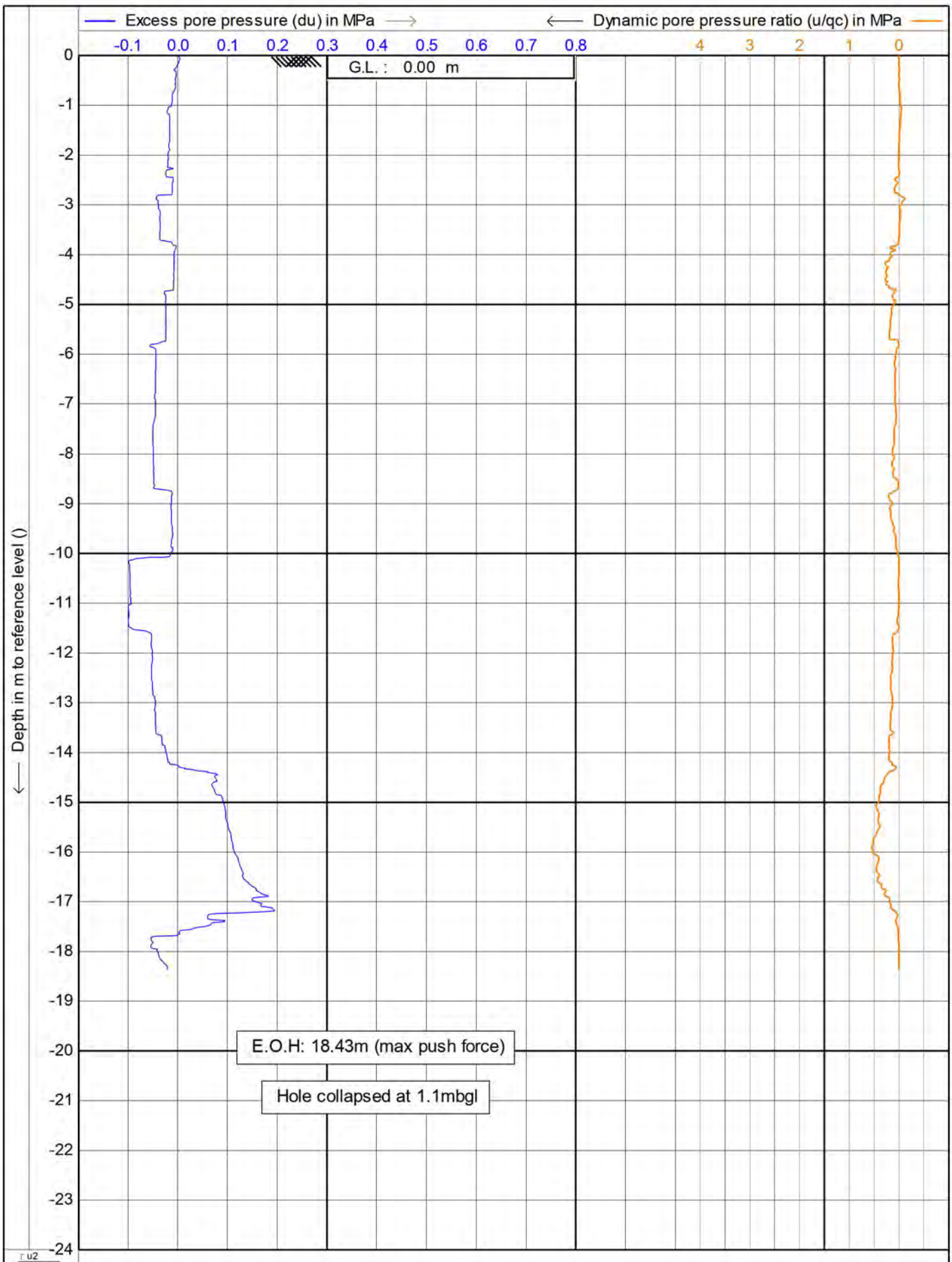


	Test acc NZ class	Date : 22/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
	Position: 174.95709, -37.03506 WGS 84	CPT no. : CPT_21A 2/15

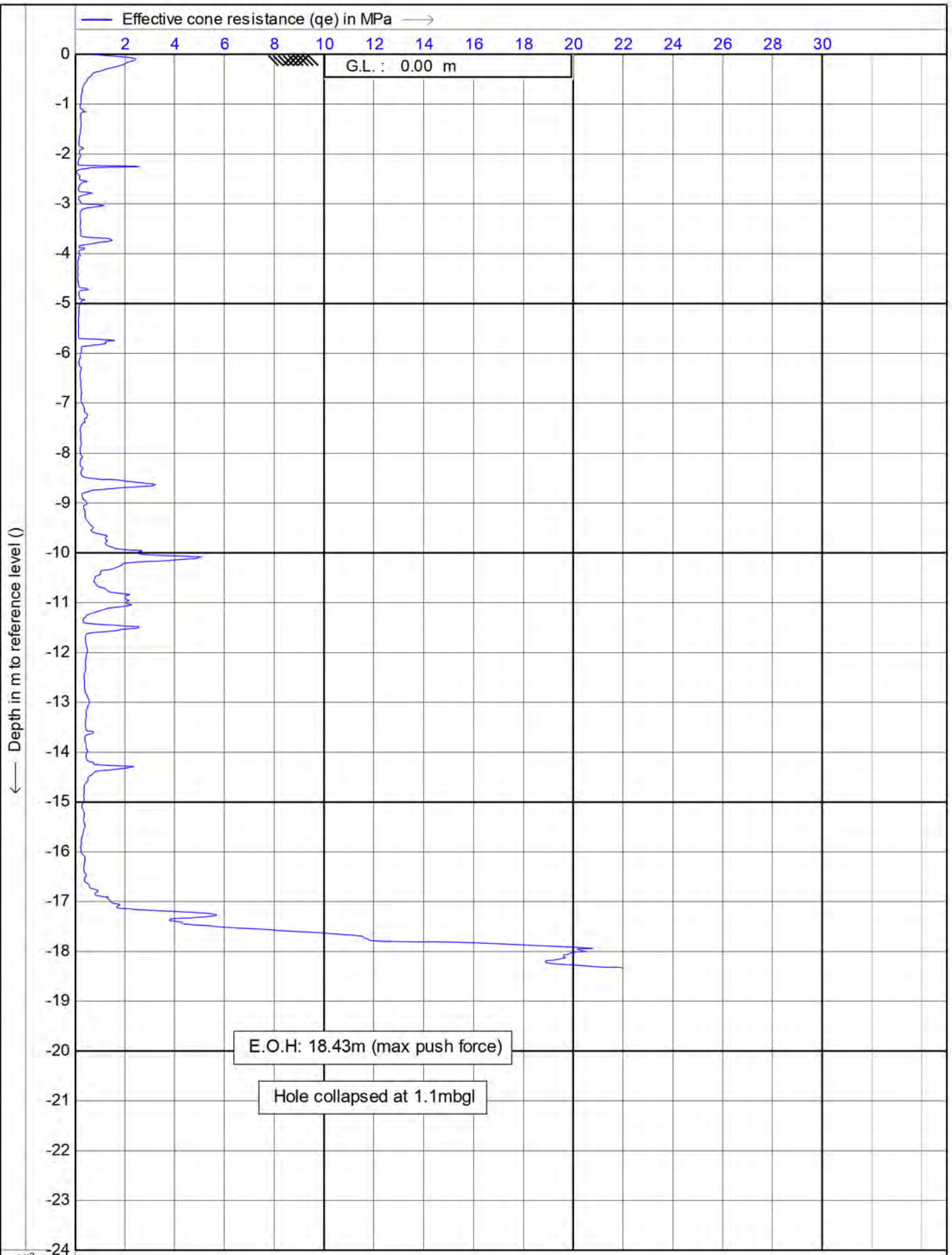


Test acc NZ class	Date : 22/04/2021
Project : Hamlin Rd	Cone no. : S10CFIP.S16082
Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
Position: 174.95709, -37.03506 WGS 84	CPT no. : CPT_21A 3/15

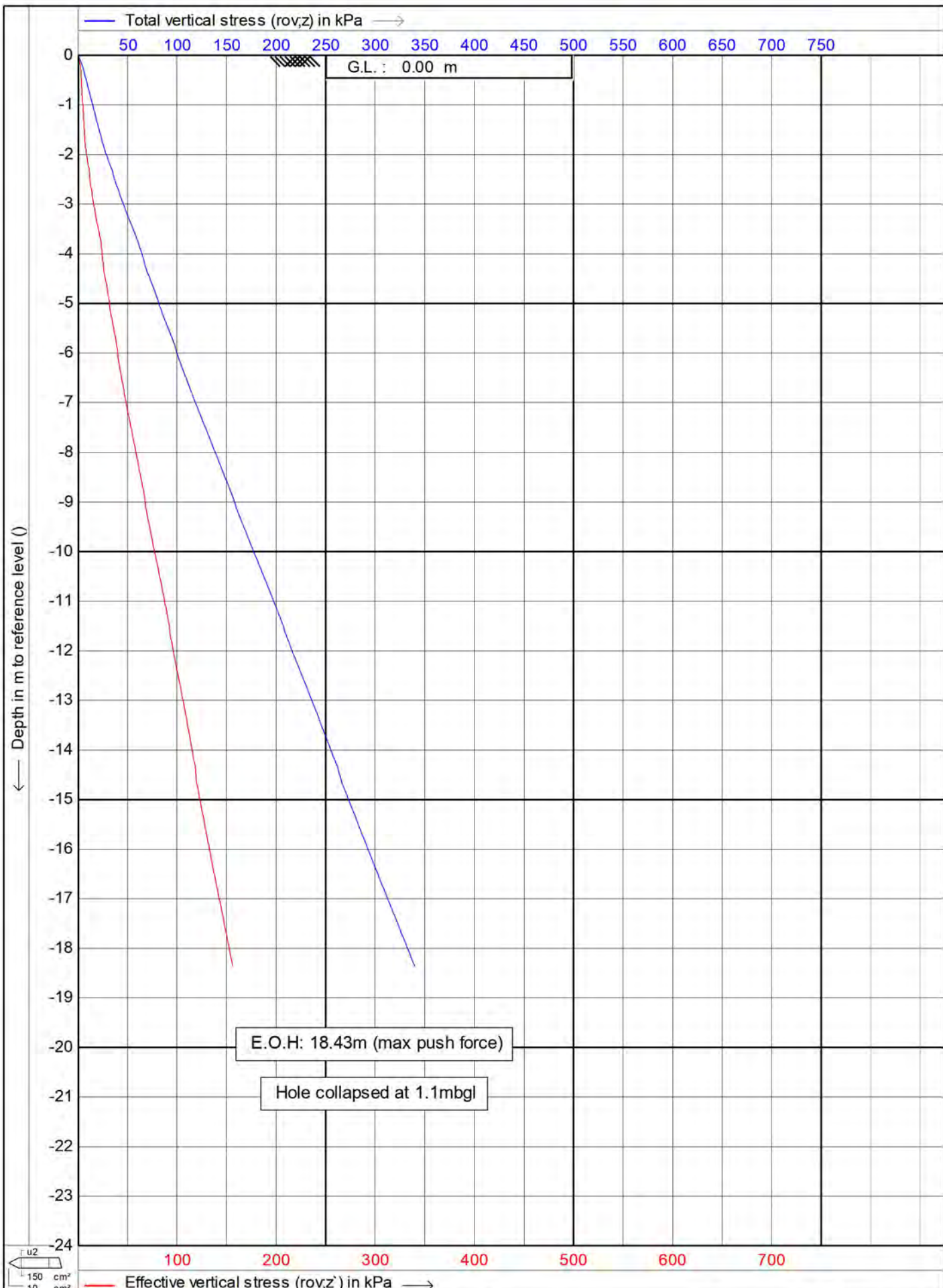




	Test acc NZ class	Date : 22/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
	Position: 174.95709, -37.03506 WGS 84	CPT no. : CPT_21A 4/15

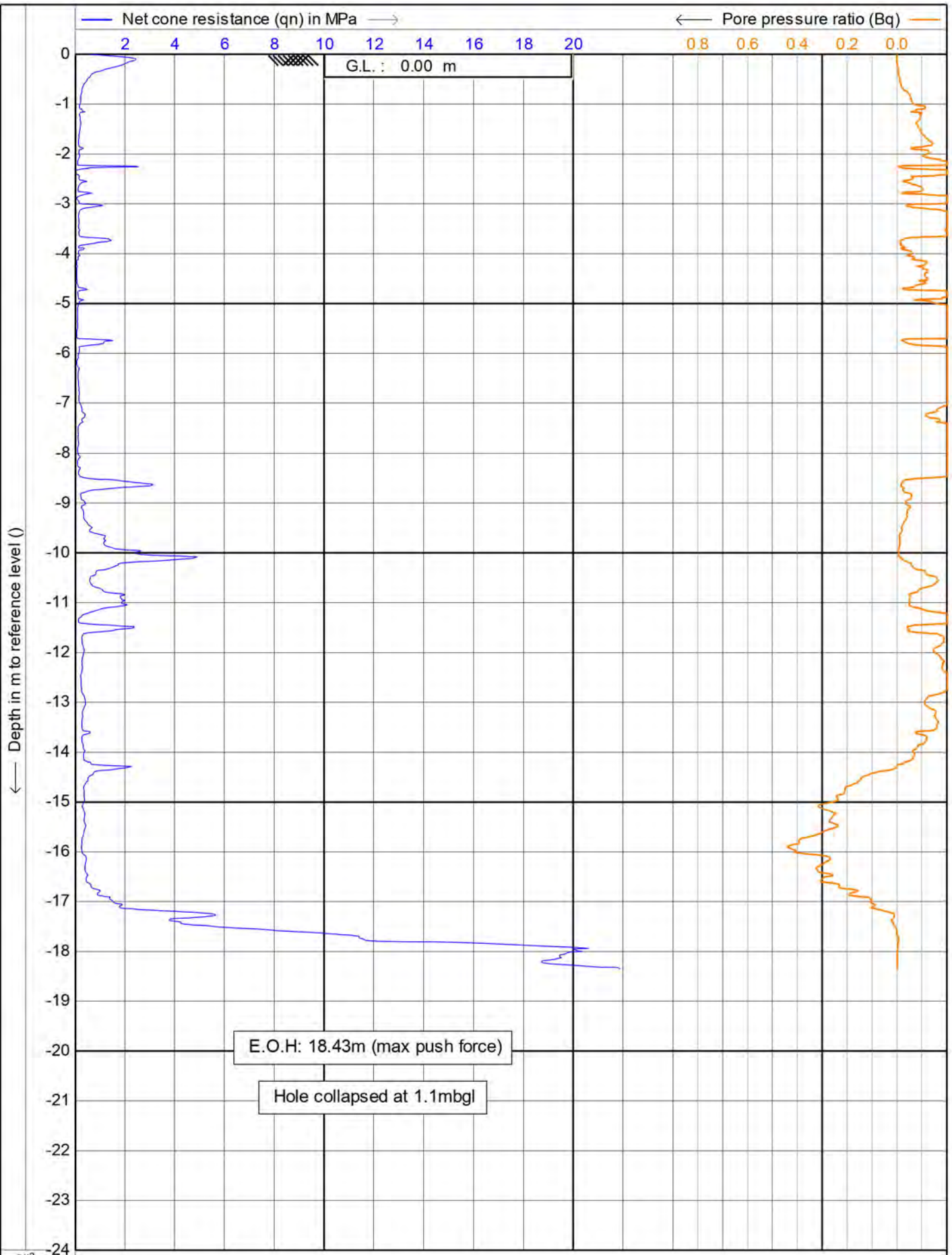


Test acc NZ class	Date : 22/04/2021
Project : Hamlin Rd	Cone no. : S10CFIIP.S16082
Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
Position: 174.95709, -37.03506 WGS 84	CPT no. : CPT_21A 5/15



	Test acc NZ class	Date : 22/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : <b>DF21GE034</b>
	Position: 174.95709, -37.03506 WGS 84	CPT no. : CPT_21A 6/15





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

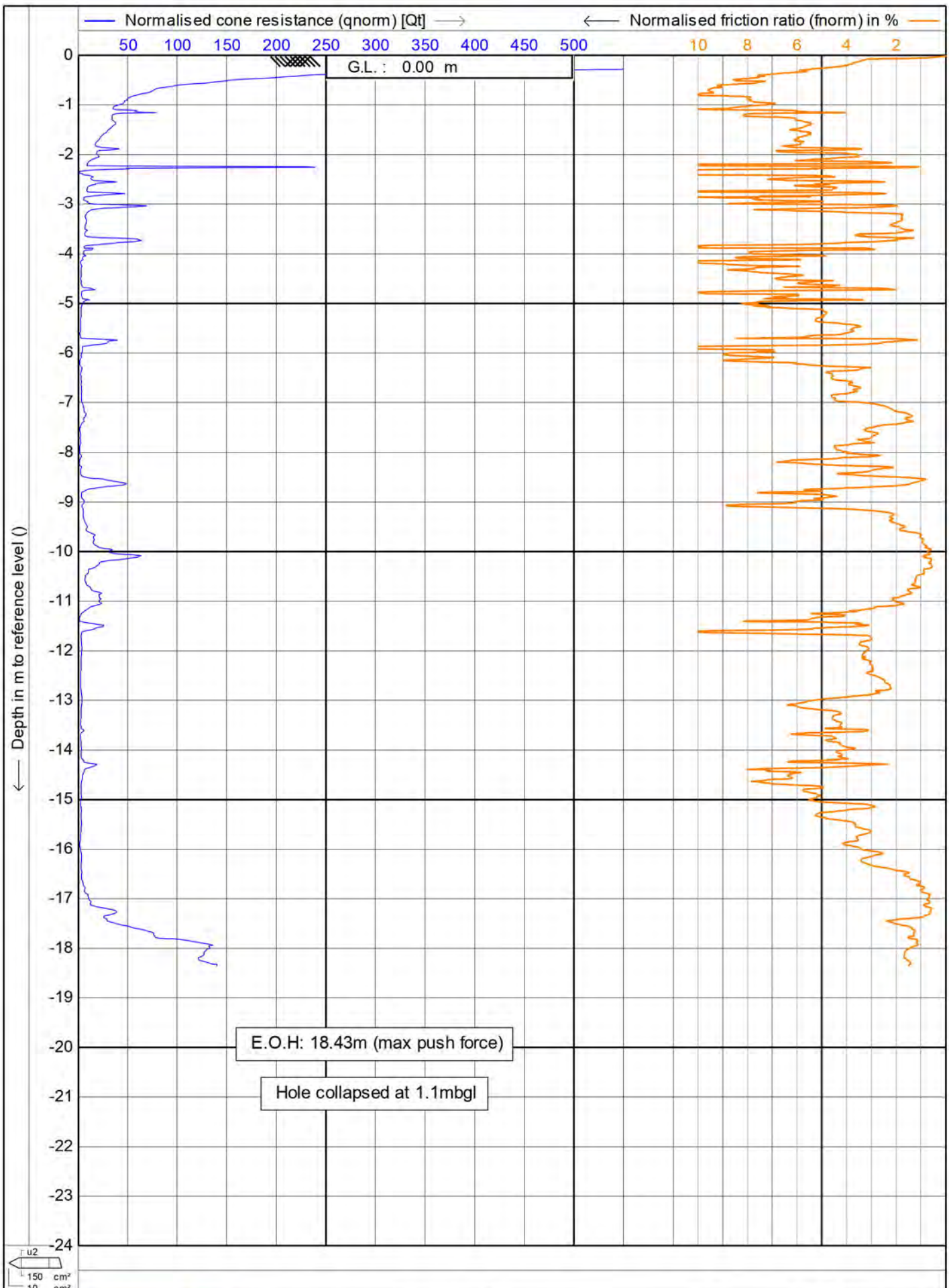
Position: 174.95709, -37.03506 WGS 84

Date : 22/04/2021

Cone no. : S10CFIP.S16082

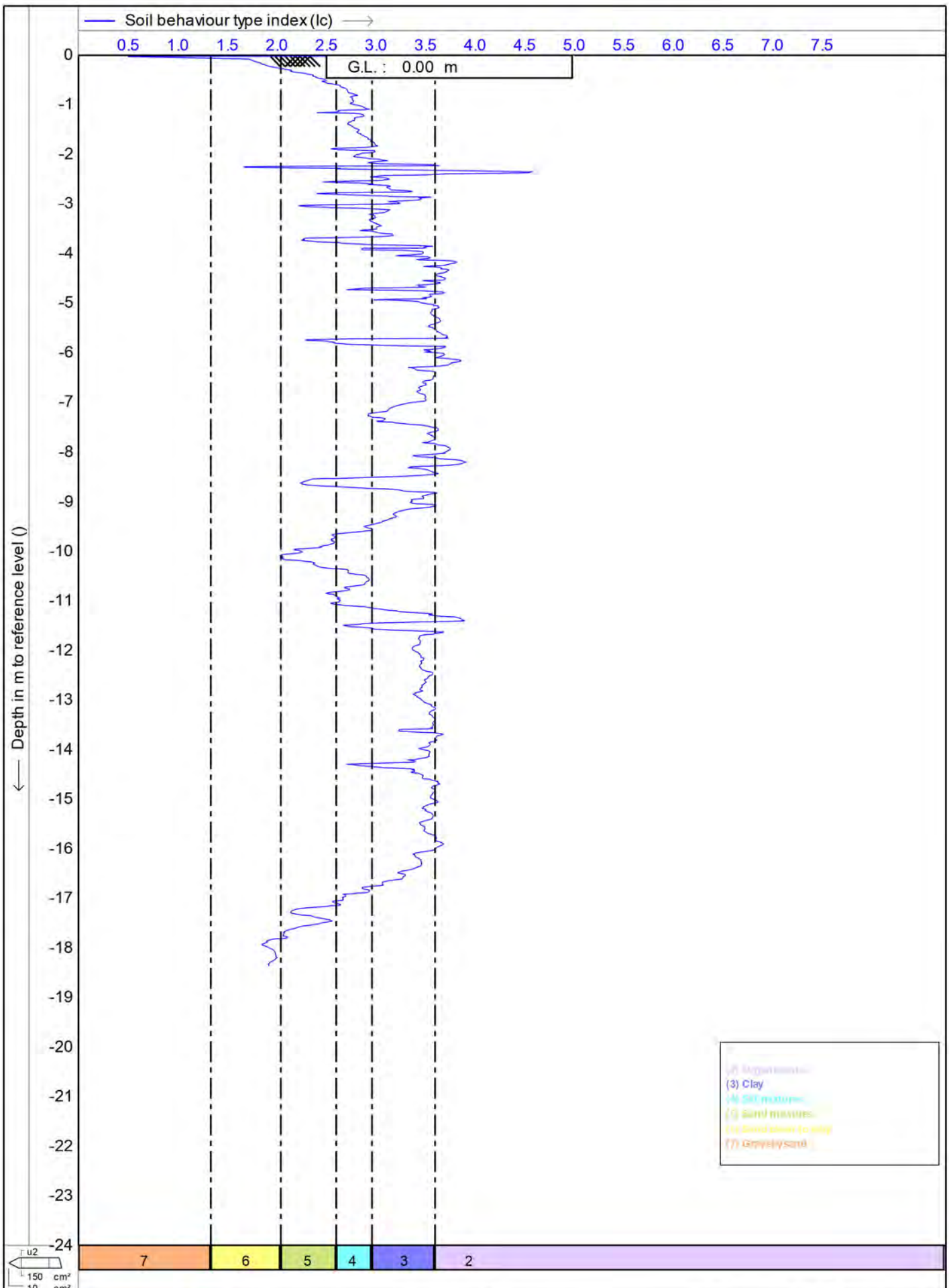
Project no. : DF21GE034

CPT no. : CPT\_21A 7/15



Test acc NZ class  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95709, -37.03506 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_21A 8/15

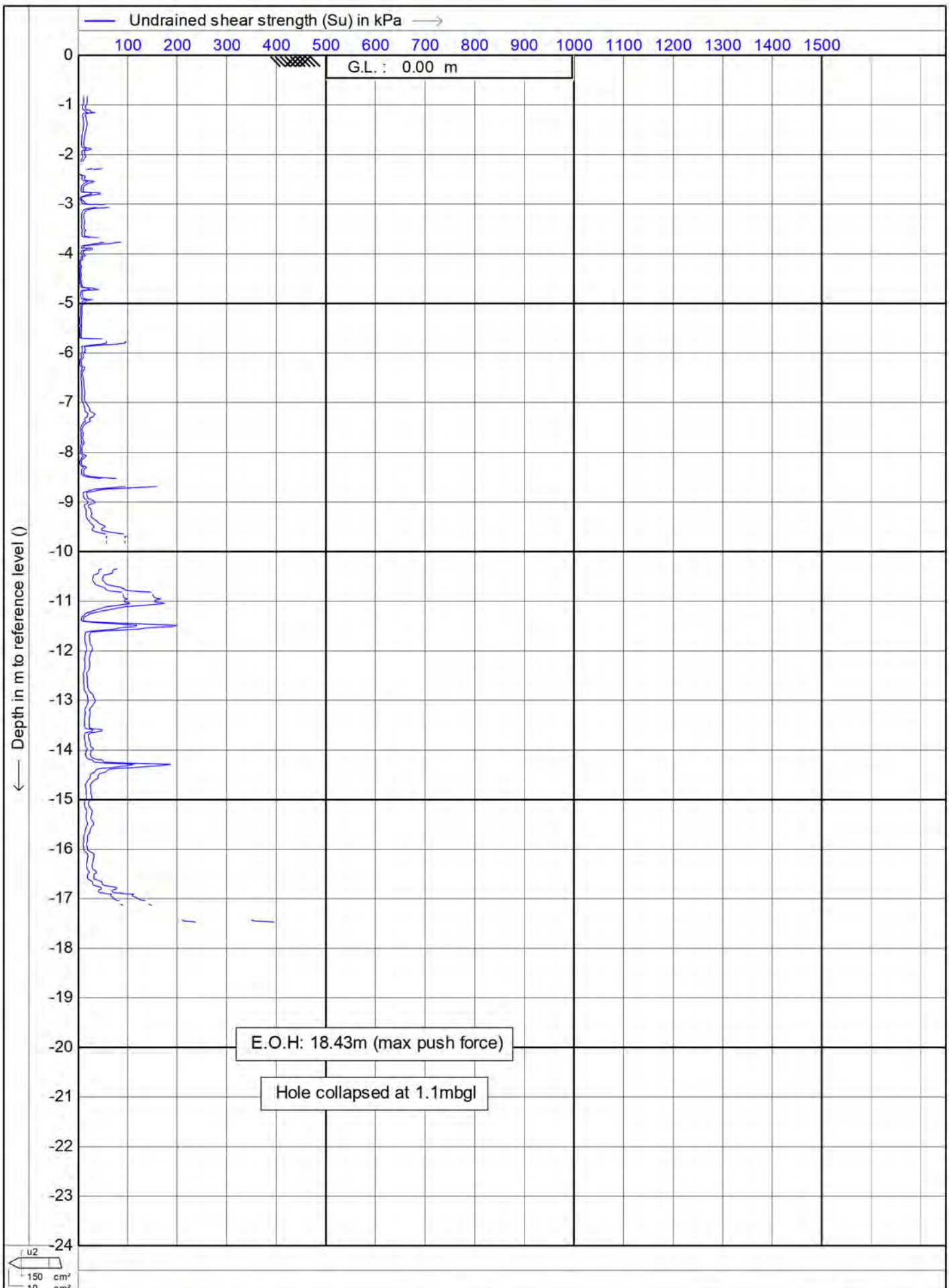


Test acc NZ class

Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95709, -37.03506 WGS 84

Date : 22/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : CPT\_21A 9/15





Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

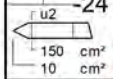
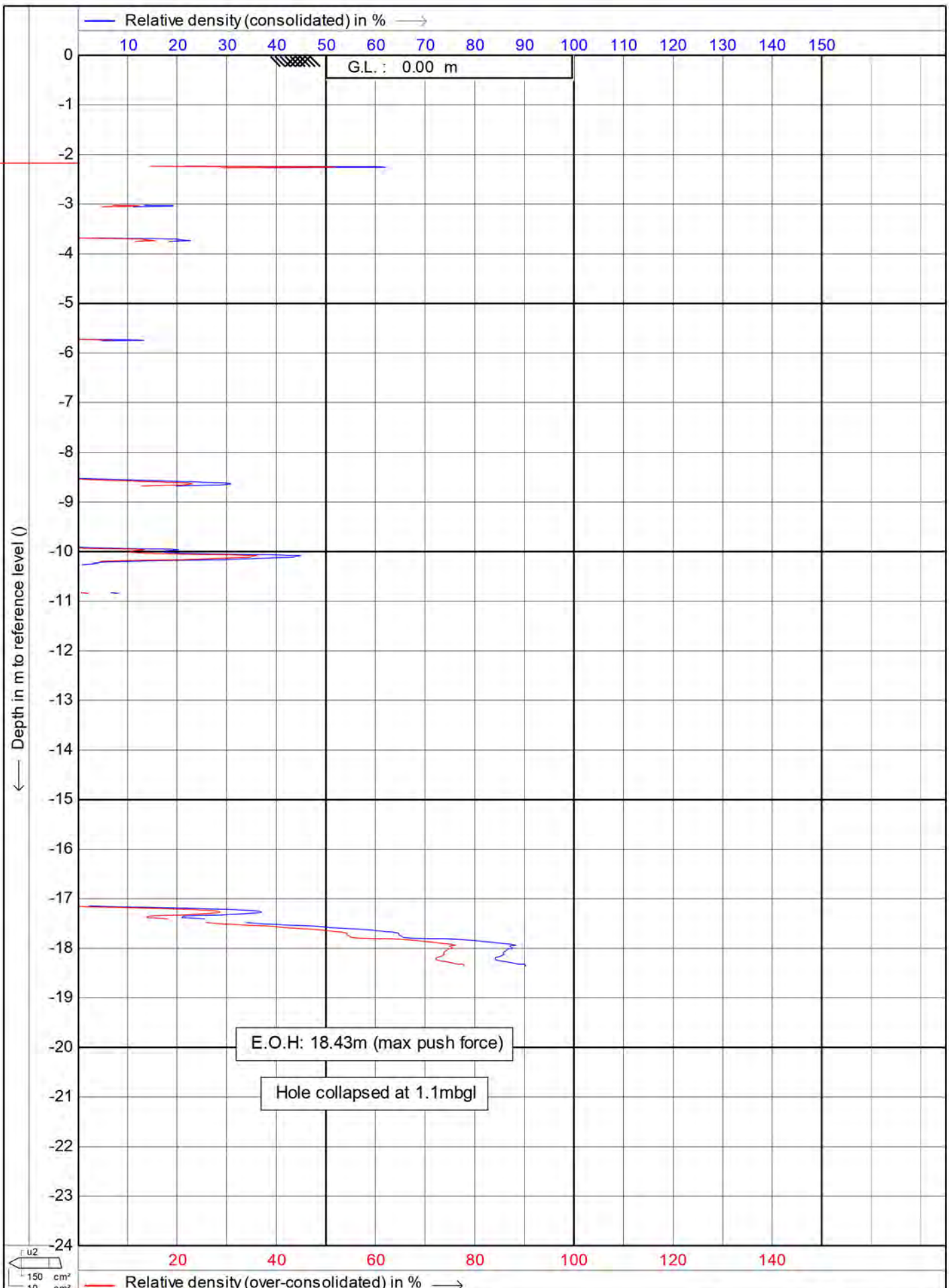
Position: 174.95709, -37.03506 WGS 84

Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : CPT\_21A 10/15



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

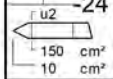
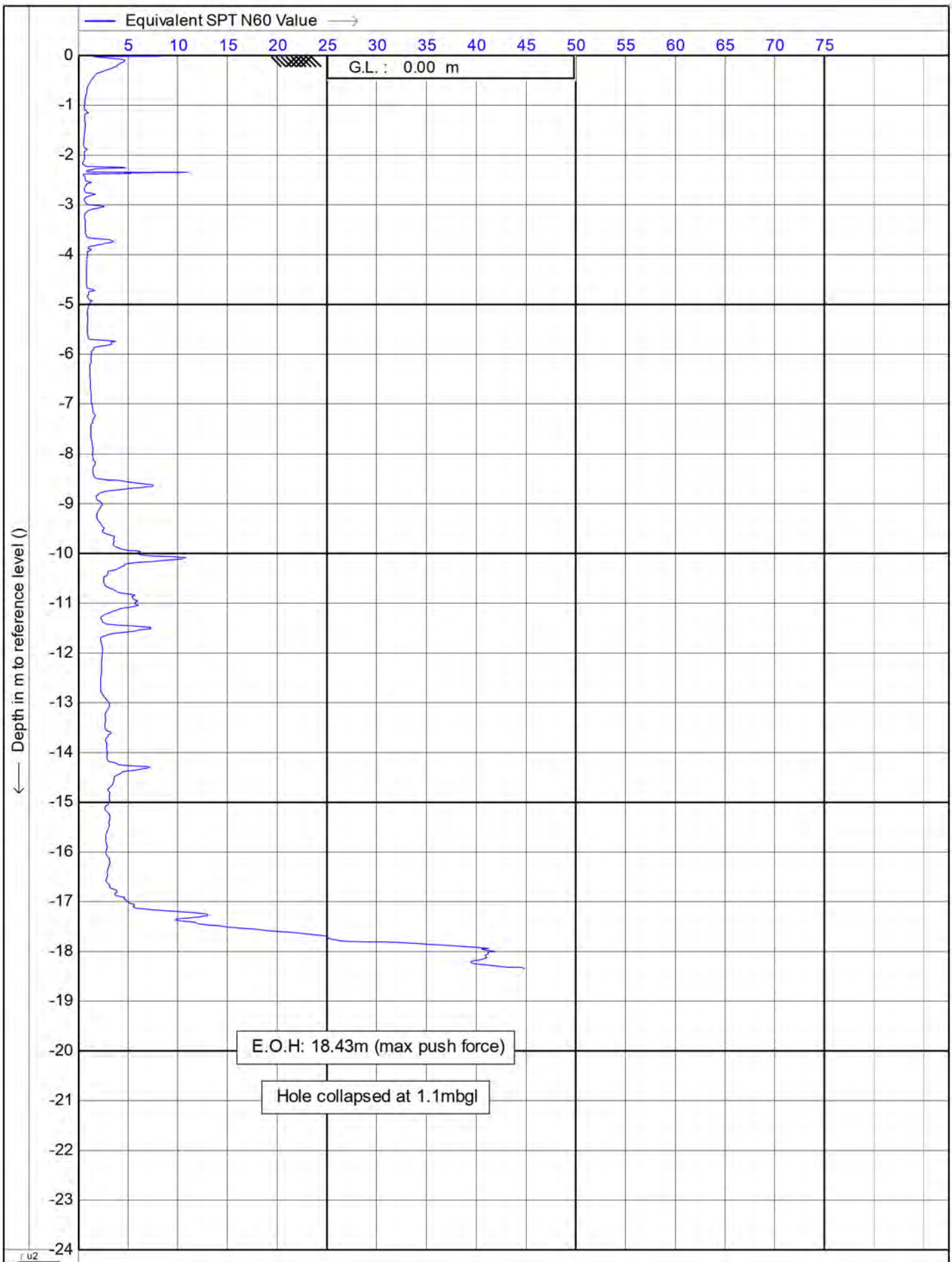
Position: 174.95709, -37.03506 WGS 84

Date : 22/04/2021

Cone no. : S10CFIP.S16082

Project no. : **DF21GE034**

CPT no. : CPT\_21A 11/15



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95709, -37.03506 WGS 84

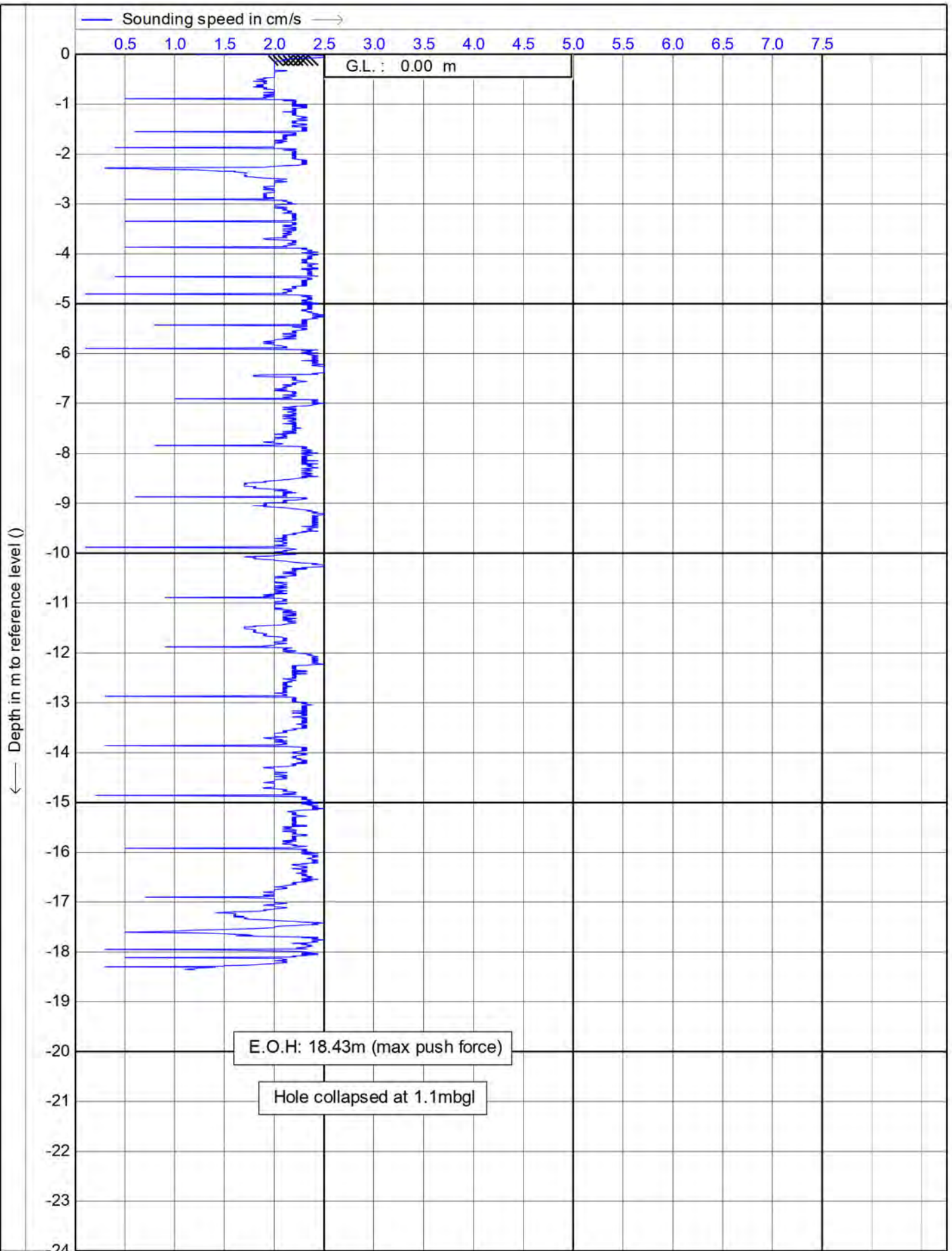
Date : 22/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : CPT\_21A 12/15

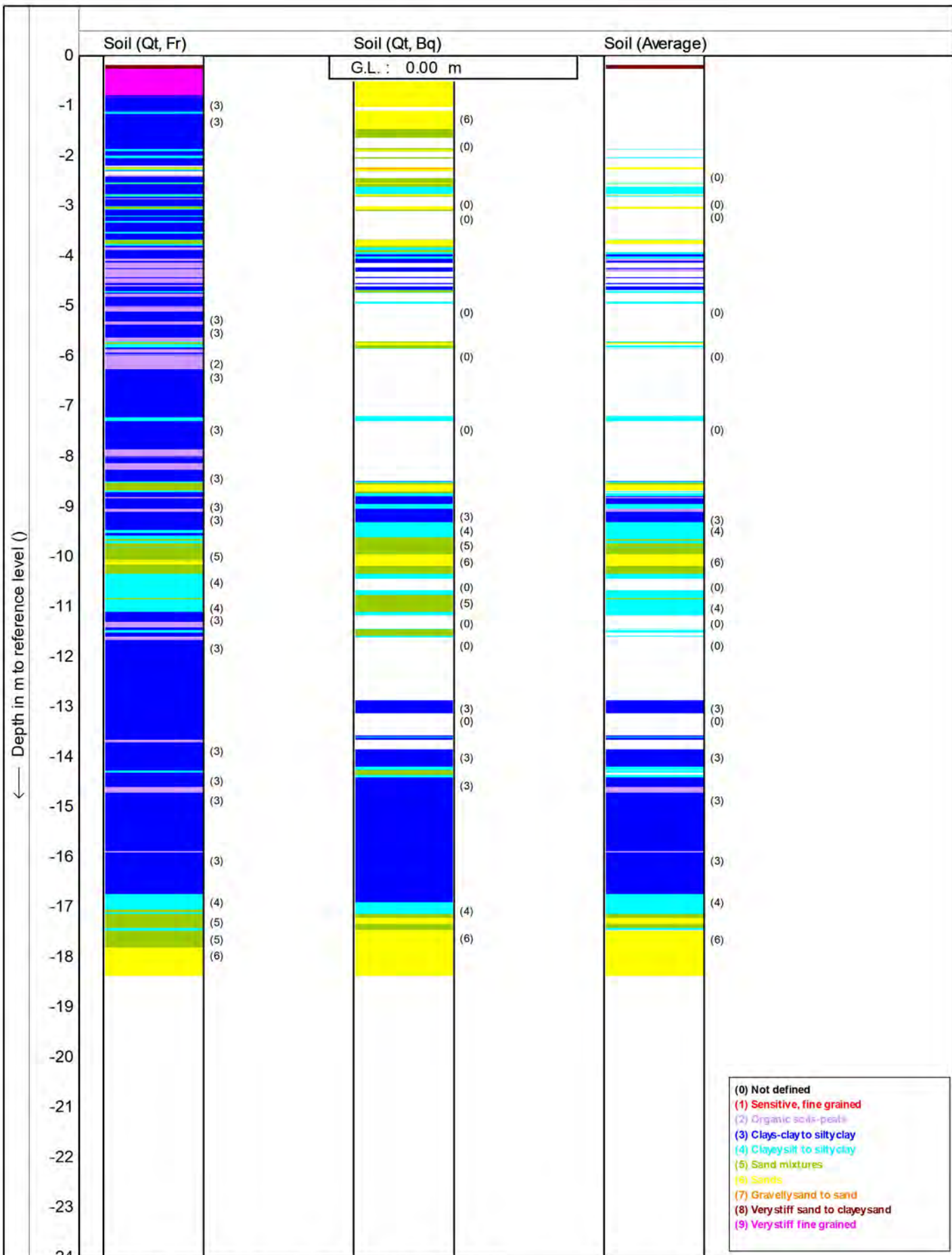




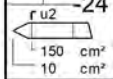
Test acc NZ class

Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.95709, -37.03506 WGS 84

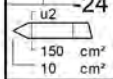
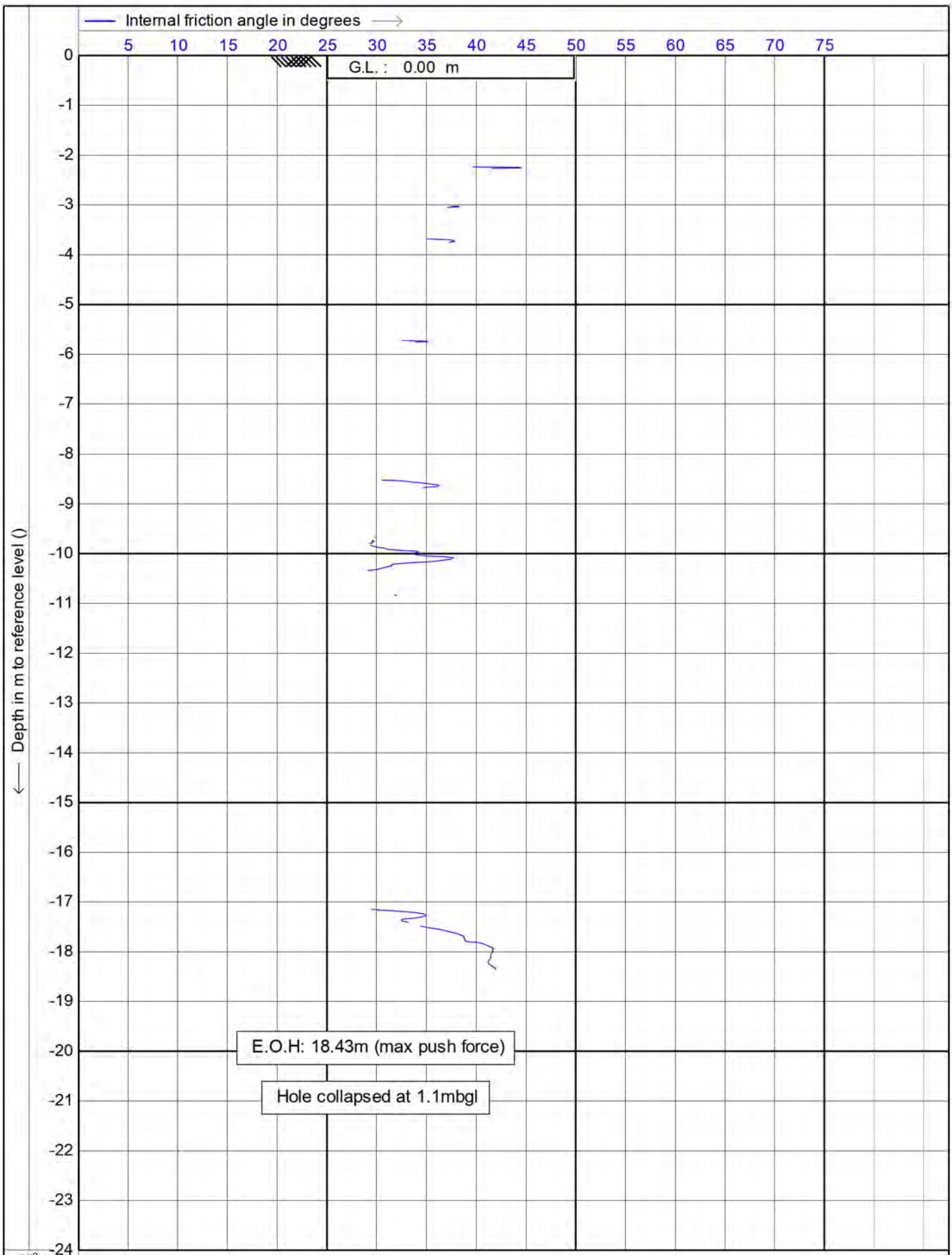
Date : 22/04/2021  
 Cone no. : S10CFIP.S16082  
 Project no. : **DF21GE034**  
 CPT no. : CPT\_21A 13/15



- (0) Not defined
- (1) Sensitive, fine grained
- (2) Organic soils-peats
- (3) Clays-clay to siltyclay
- (4) Claysilt to siltyclay
- (5) Sand mixtures
- (6) Sands
- (7) Gravely sand to sand
- (8) Very stiff sand to clayey sand
- (9) Very stiff fine grained



	Test acc NZ class	Date : 22/04/2021
	Project : Hamlin Rd	Cone no. : S10CFIP.S16082
	Location: Hamlin Rd, Ardmore	Project no. : DF21GE034
	Position: 174.95709, -37.03506 WGS 84	CPT no. : CPT_21A 14/15



Test acc NZ class

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.95709, -37.03506 WGS 84

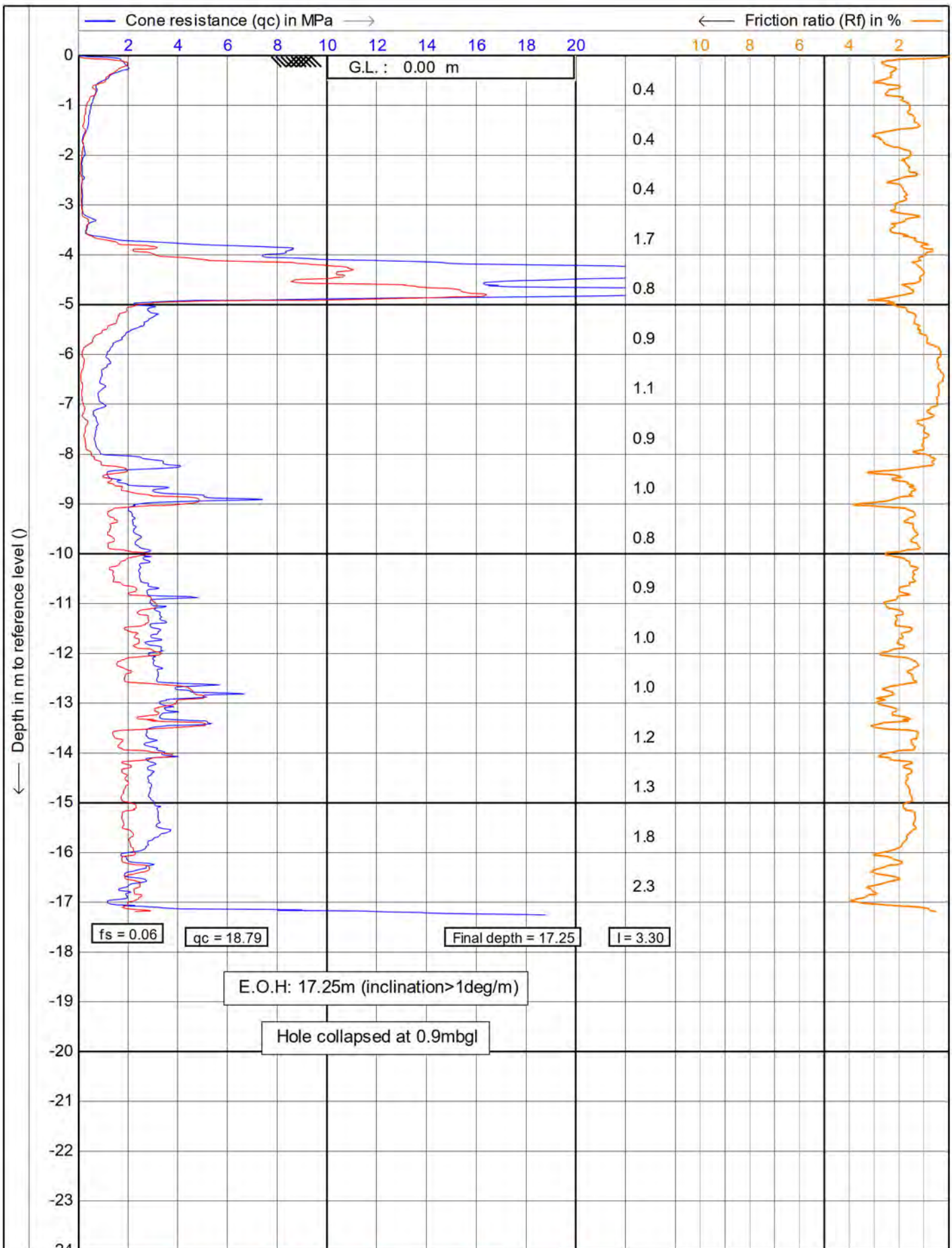
Date : 22/04/2021

Cone no. : S10CFIIP.S16082

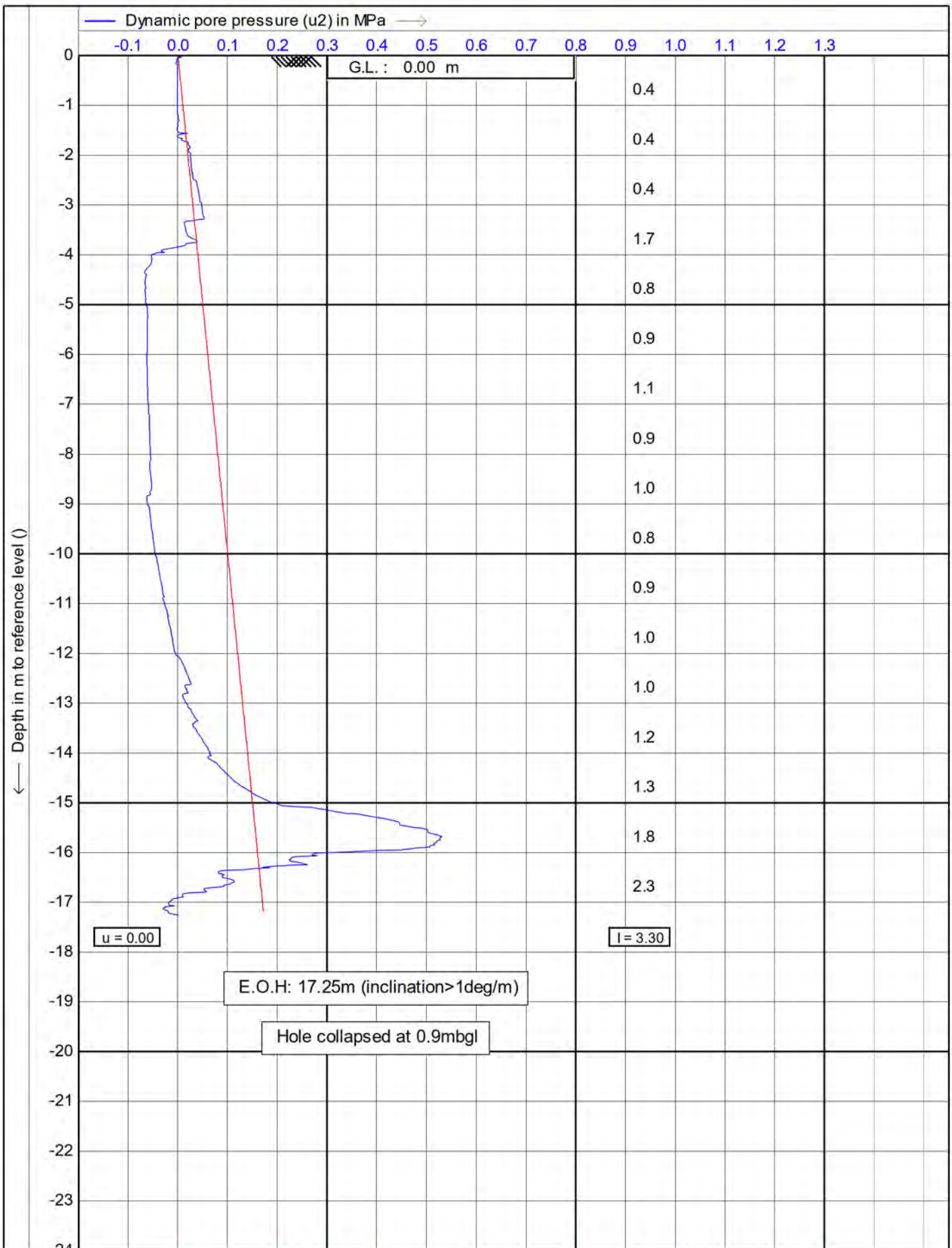
Project no. : **DF21GE034**

CPT no. : CPT\_21A 15/15





Test according NEN 5140 class 1		Date : 21/04/2021
Project : Hamlin Rd		Cone no. : S10CFIP.S16082
Location: Hamlin Rd, Ardmore		Project no. : DF21GE034
Position: 174.961826, -37.031289 WGS 84		CPT no. : CPT_22 1/15



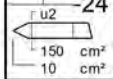
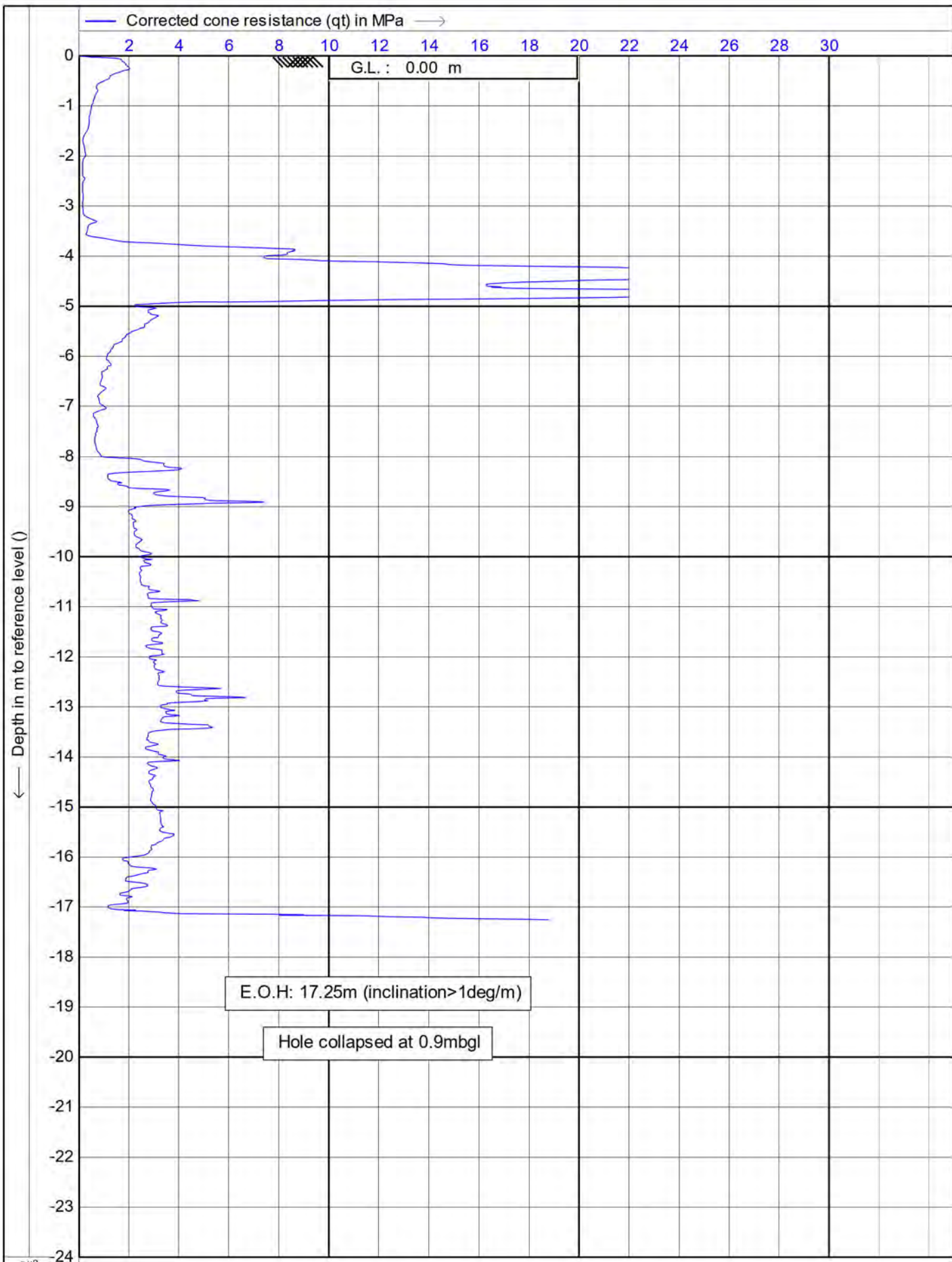
1.47

  $\sigma_{u2}$       Inclination (I) in degr



Test according NEN 5140 class 1  
 Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.961826, -37.031289 WGS 84**

Date : **21/04/2021**  
 Cone no. : **S10CFIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_22** 2/15



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.961826, -37.031289 WGS 84

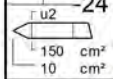
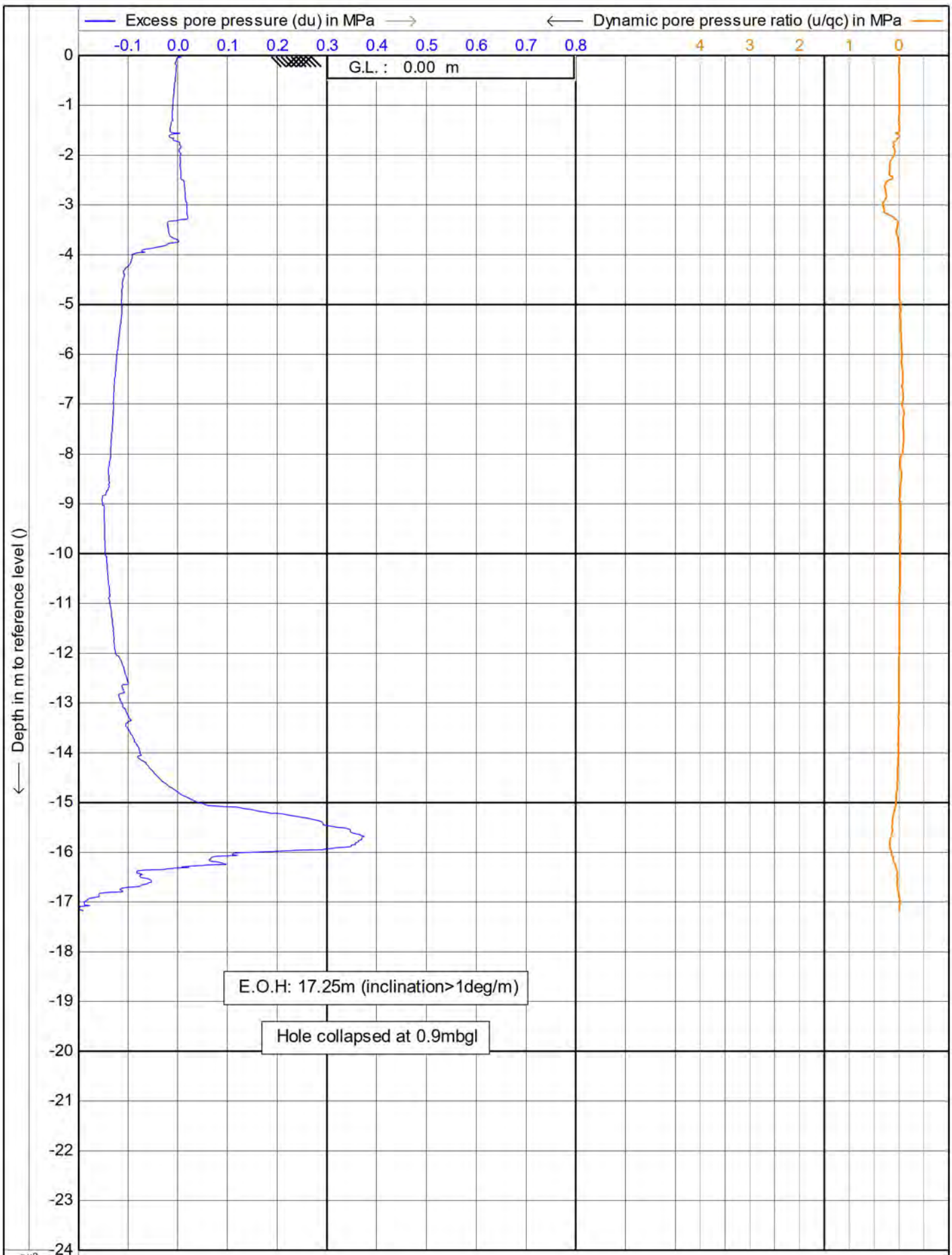
Date : 21/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

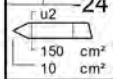
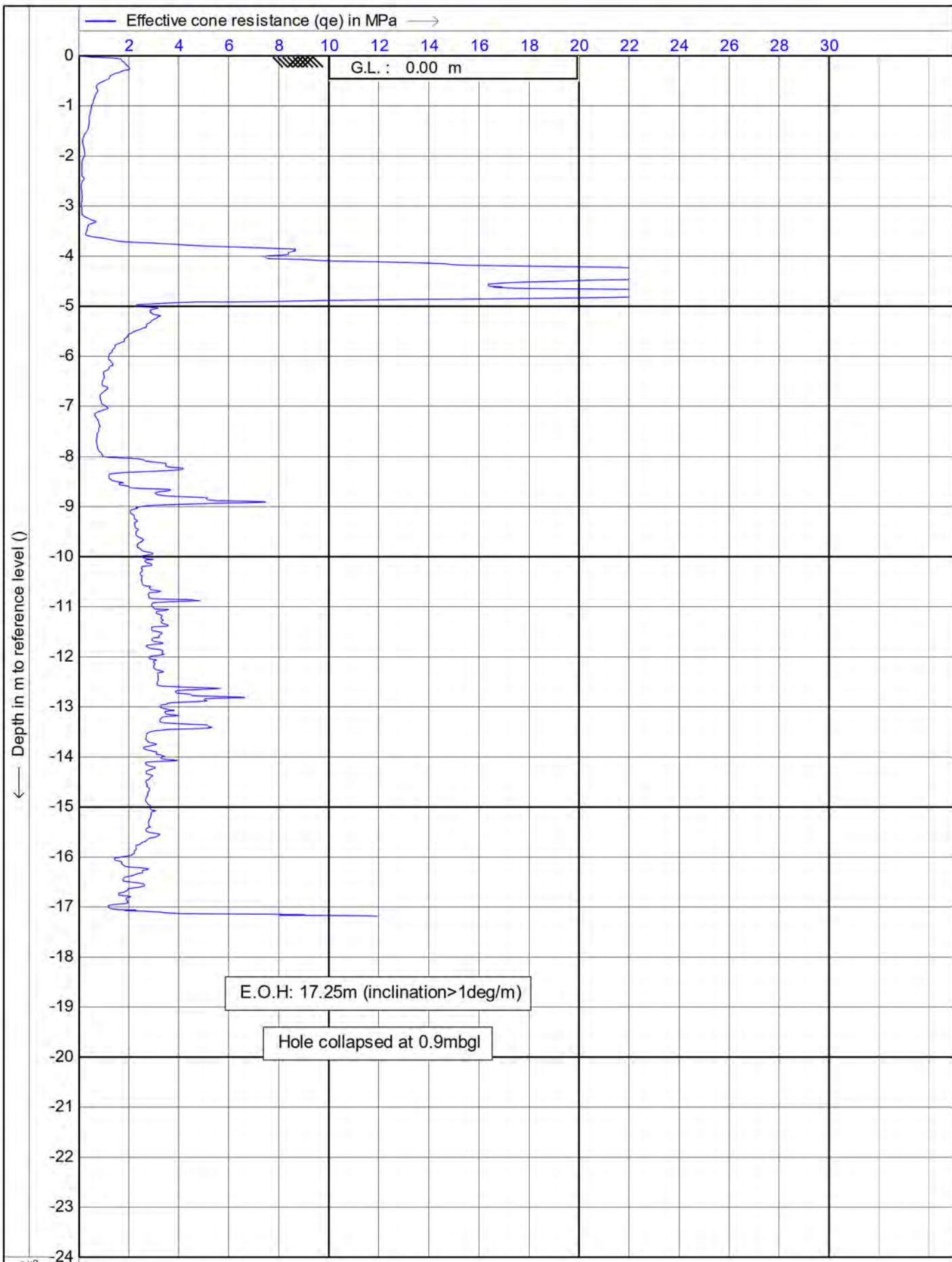
CPT no. : **CPT\_22** 3/15





Test according NEN 5140 class 1  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.961826, -37.031289 WGS 84

Date : 21/04/2021  
 Cone no. : S10CFIIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_22 4/15



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

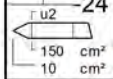
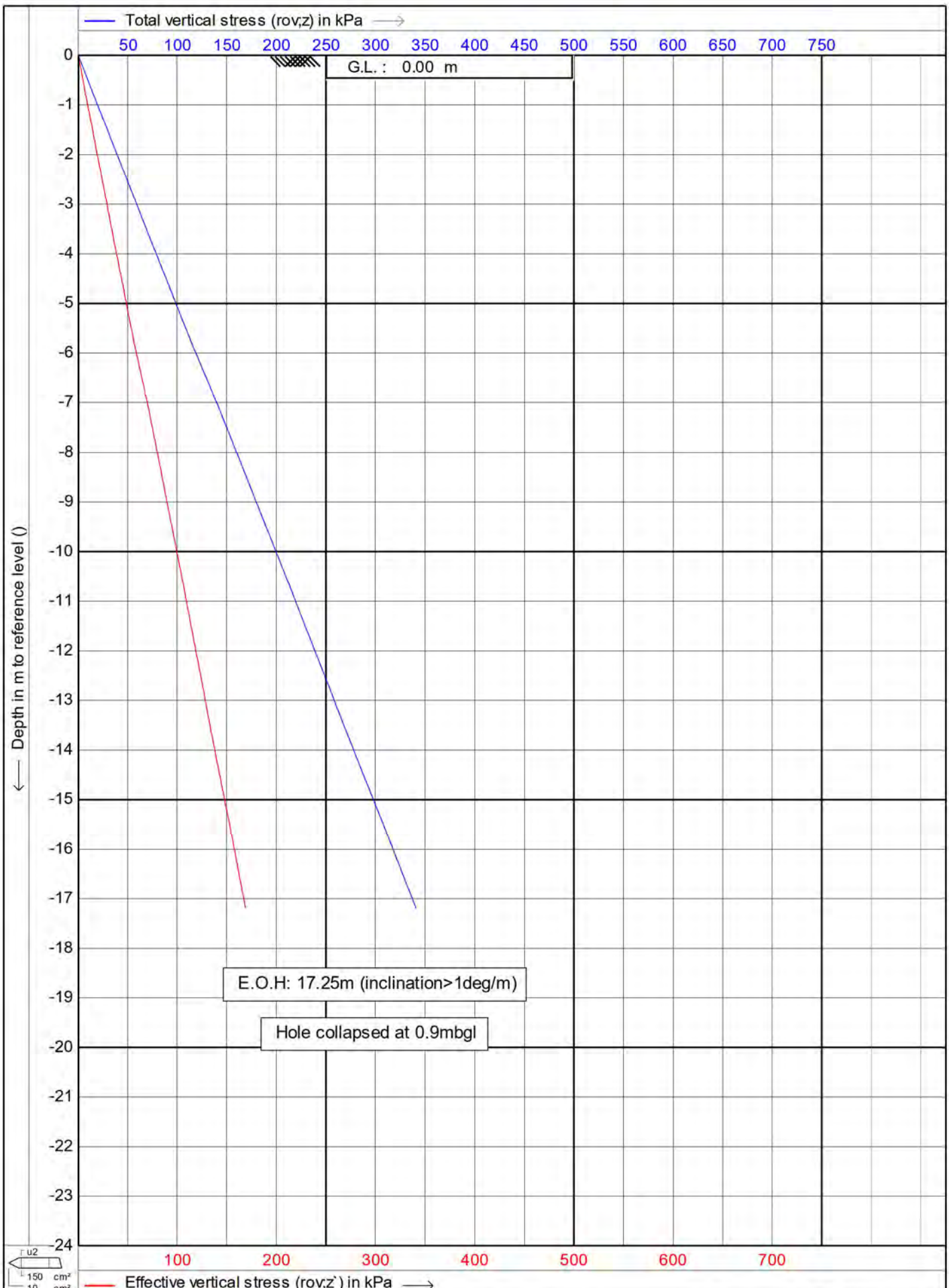
Position: 174.961826, -37.031289 WGS 84

Date : 21/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_22** 5/15



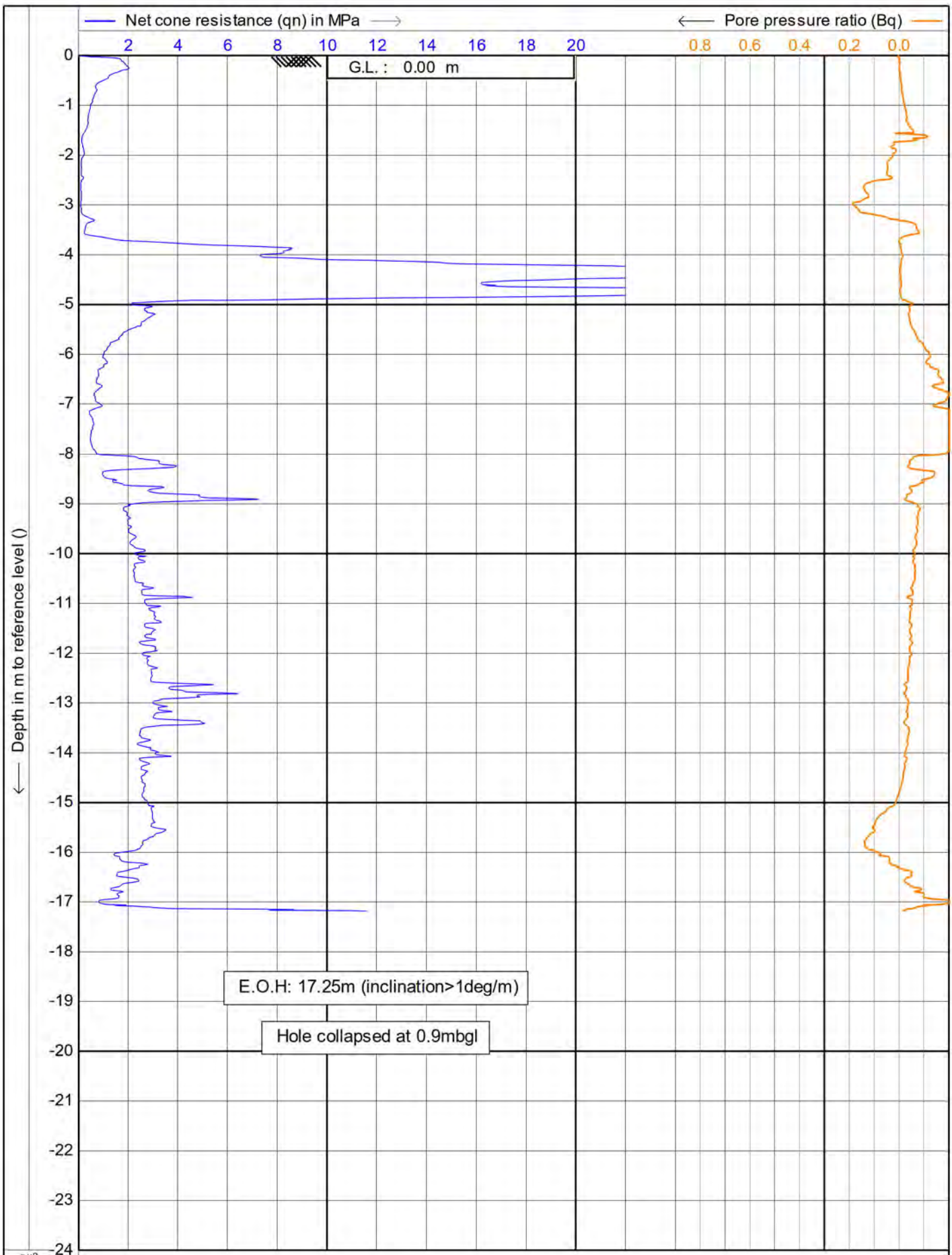
Effective vertical stress (rov,z) in kPa →



Test according NEN 5140 class 1  
 Project : Hamlin Rd  
 Location: Hamlin Rd, Ardmore  
 Position: 174.961826, -37.031289 WGS 84

Date : 21/04/2021  
 Cone no. : S10CFIIP.S16082  
 Project no. : DF21GE034  
 CPT no. : CPT\_22 6/15





Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

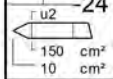
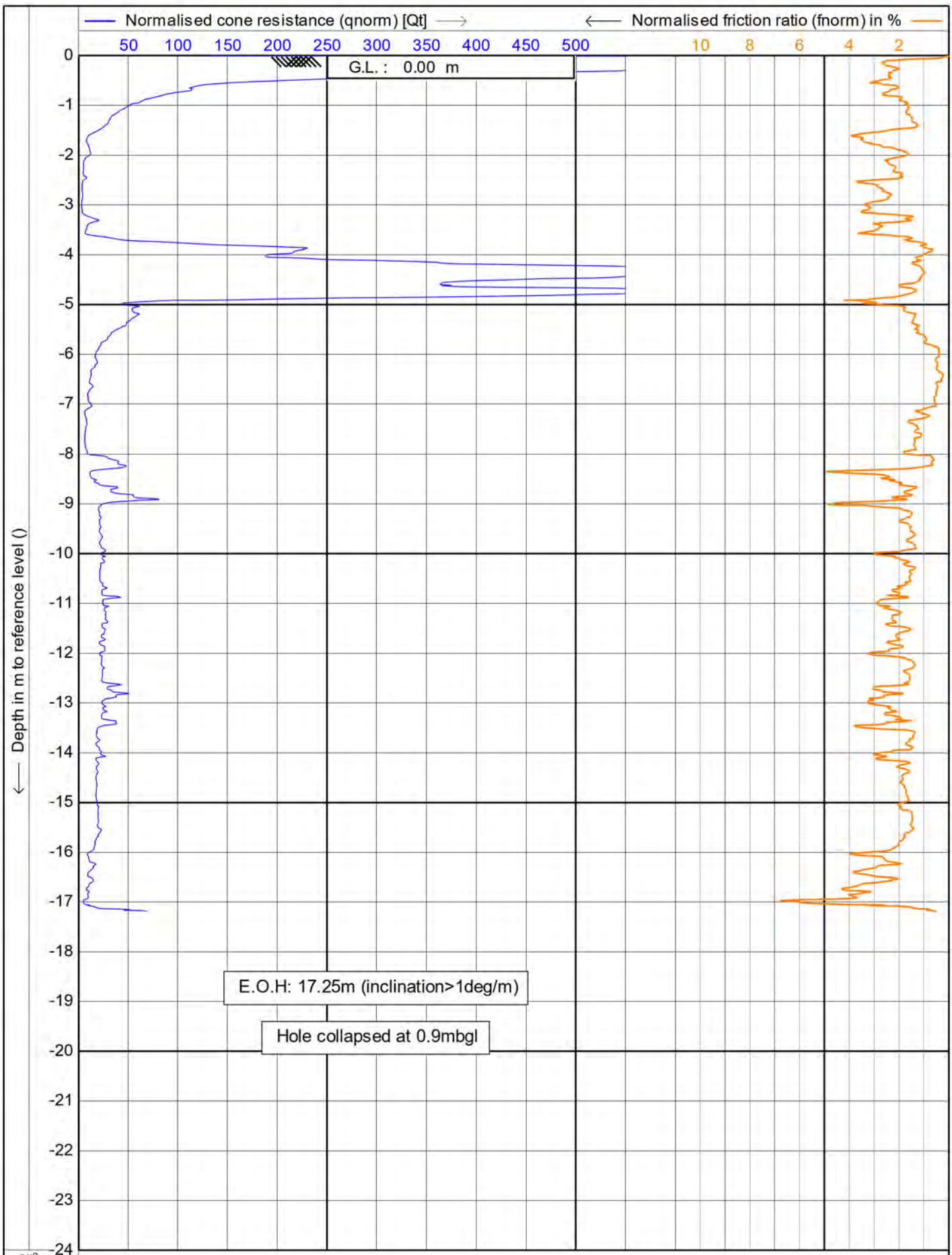
Position: 174.961826, -37.031289 WGS 84

Date : 21/04/2021

Cone no. : S10CFIIP.S16082

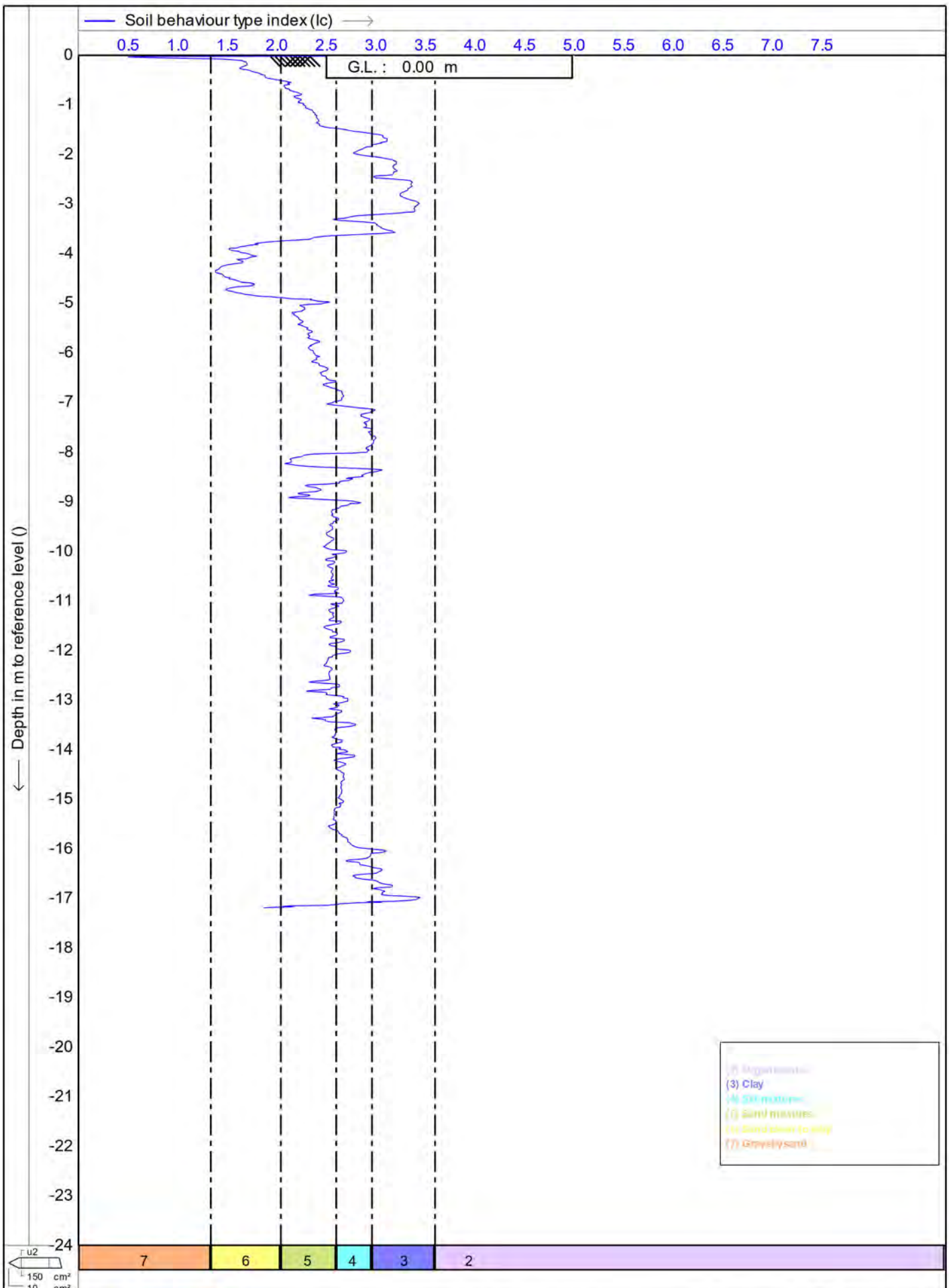
Project no. : DF21GE034

CPT no. : CPT\_22 7/15



Test according NEN 5140 class 1  
 Project : **Hamlin Rd**  
 Location: **Hamlin Rd, Ardmore**  
 Position: **174.961826, -37.031289 WGS 84**

Date : **21/04/2021**  
 Cone no. : **S10CFIIP.S16082**  
 Project no. : **DF21GE034**  
 CPT no. : **CPT\_22** 8/15



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.961826, -37.031289 WGS 84

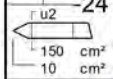
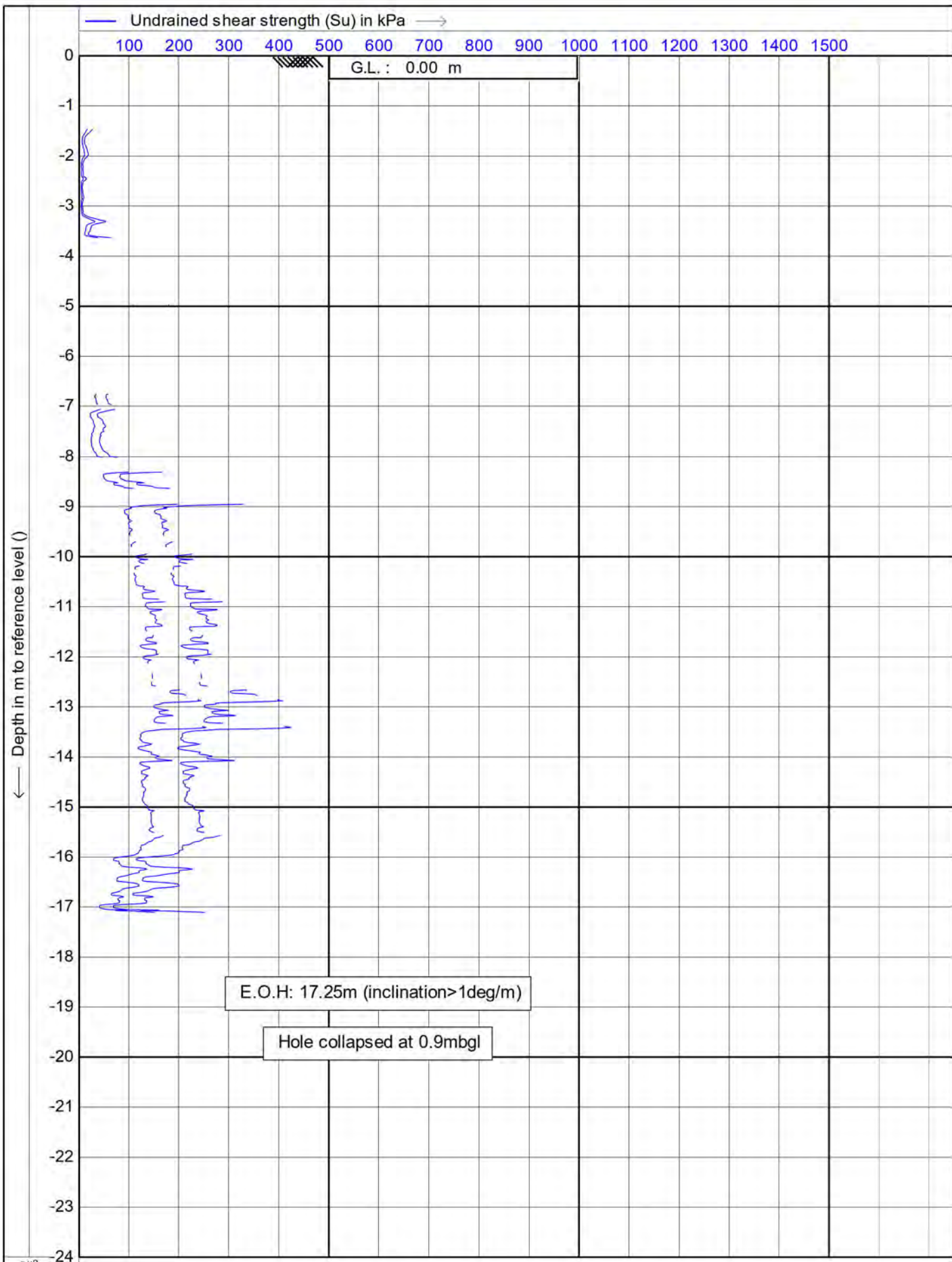
Date : 21/04/2021

Cone no. : S10CFIP.S16082

Project no. : DF21GE034

CPT no. : CPT\_22 9/15





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

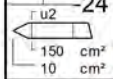
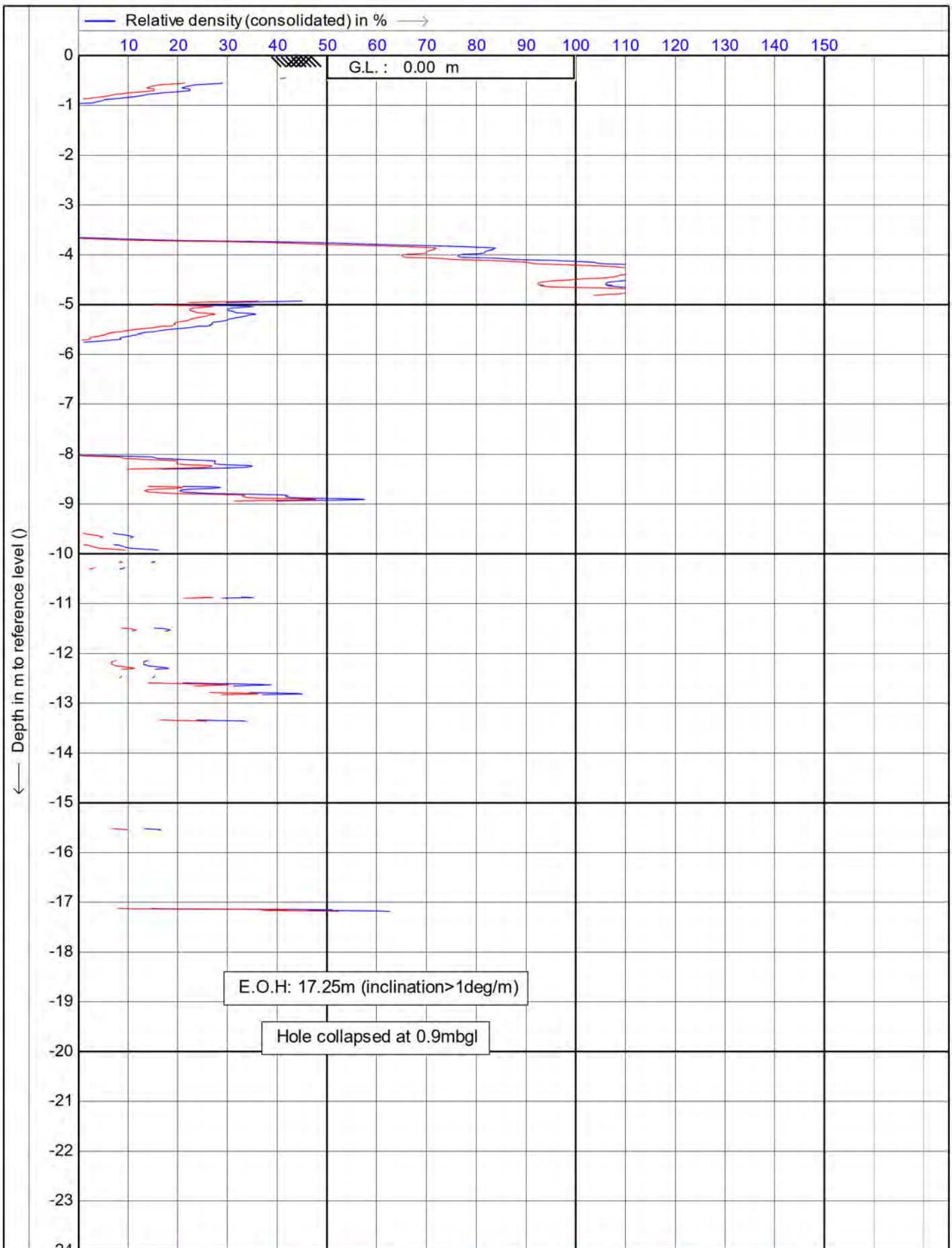
Position: **174.961826, -37.031289 WGS 84**

Date : **21/04/2021**

Cone no. : **S10CFIIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_22** 10/15



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

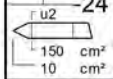
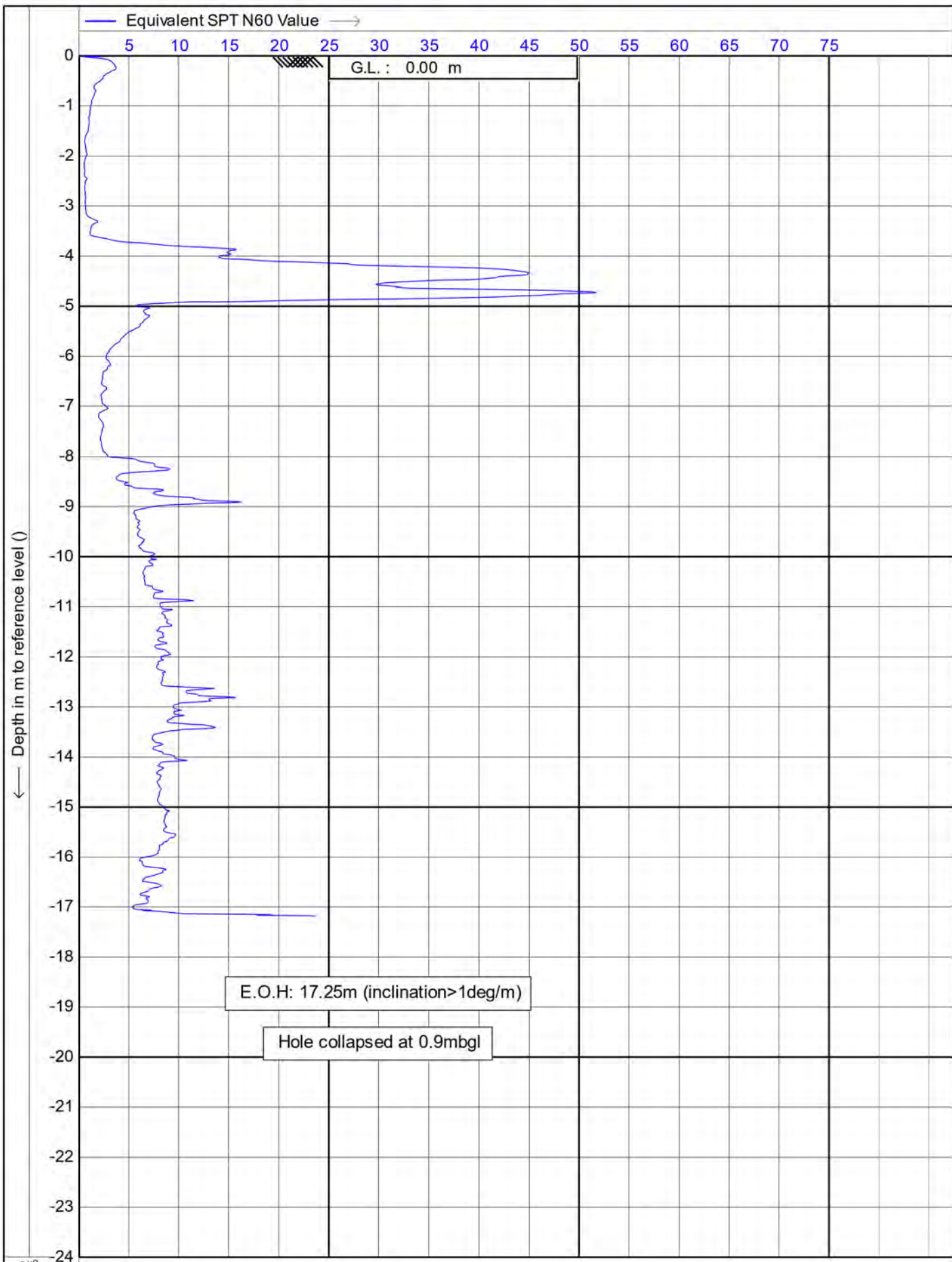
Position: 174.961826, -37.031289 WGS 84

Date : 21/04/2021

Cone no. : S10CFIIP.S16082

Project no. : DF21GE034

CPT no. : CPT\_22 11/15



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.961826, -37.031289 WGS 84

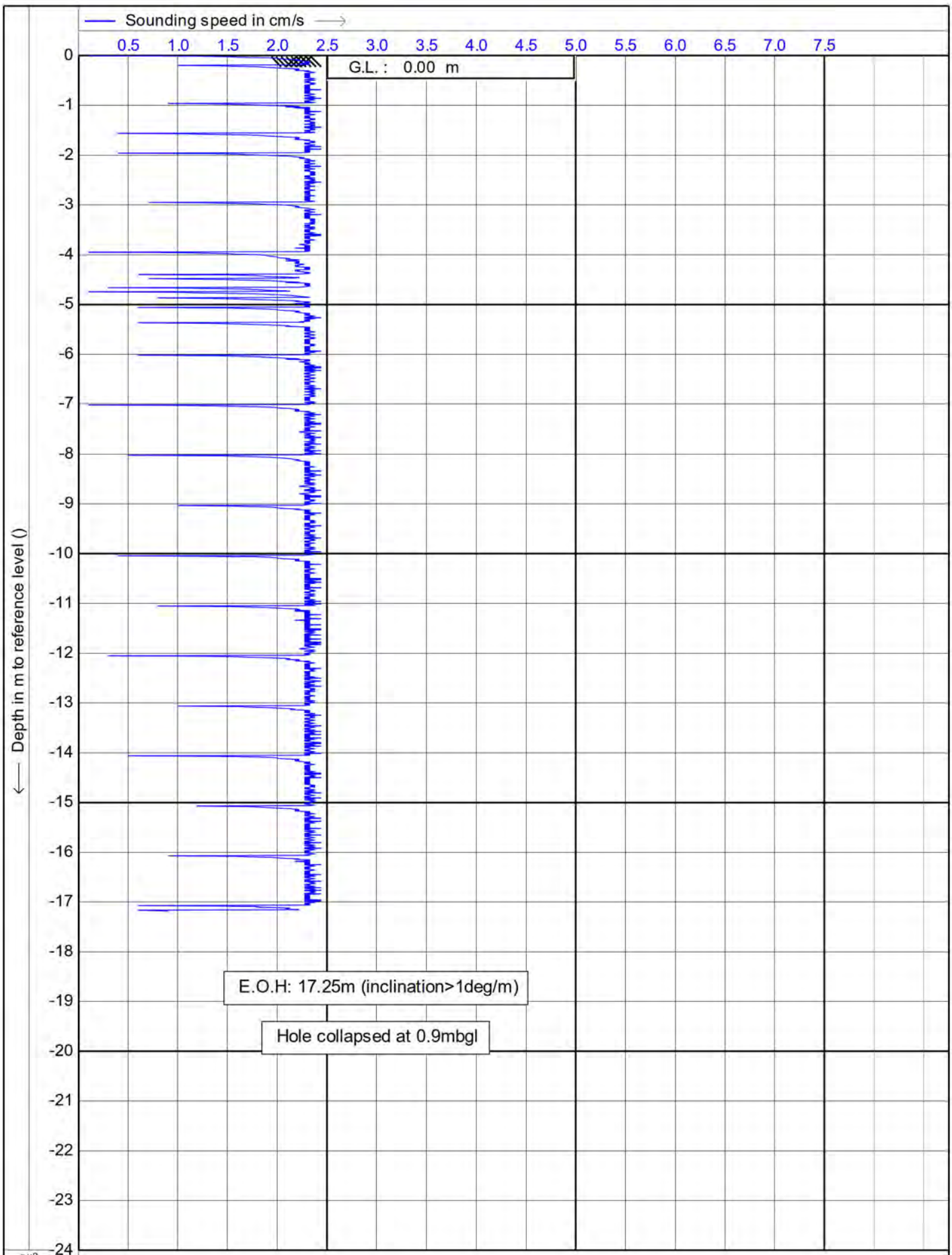
Date : 21/04/2021

Cone no. : S10CFIIP.S16082

Project no. : DF21GE034

CPT no. : CPT\_22 12/15





Test according NEN 5140 class 1

Project : **Hamlin Rd**

Location: **Hamlin Rd, Ardmore**

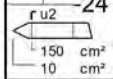
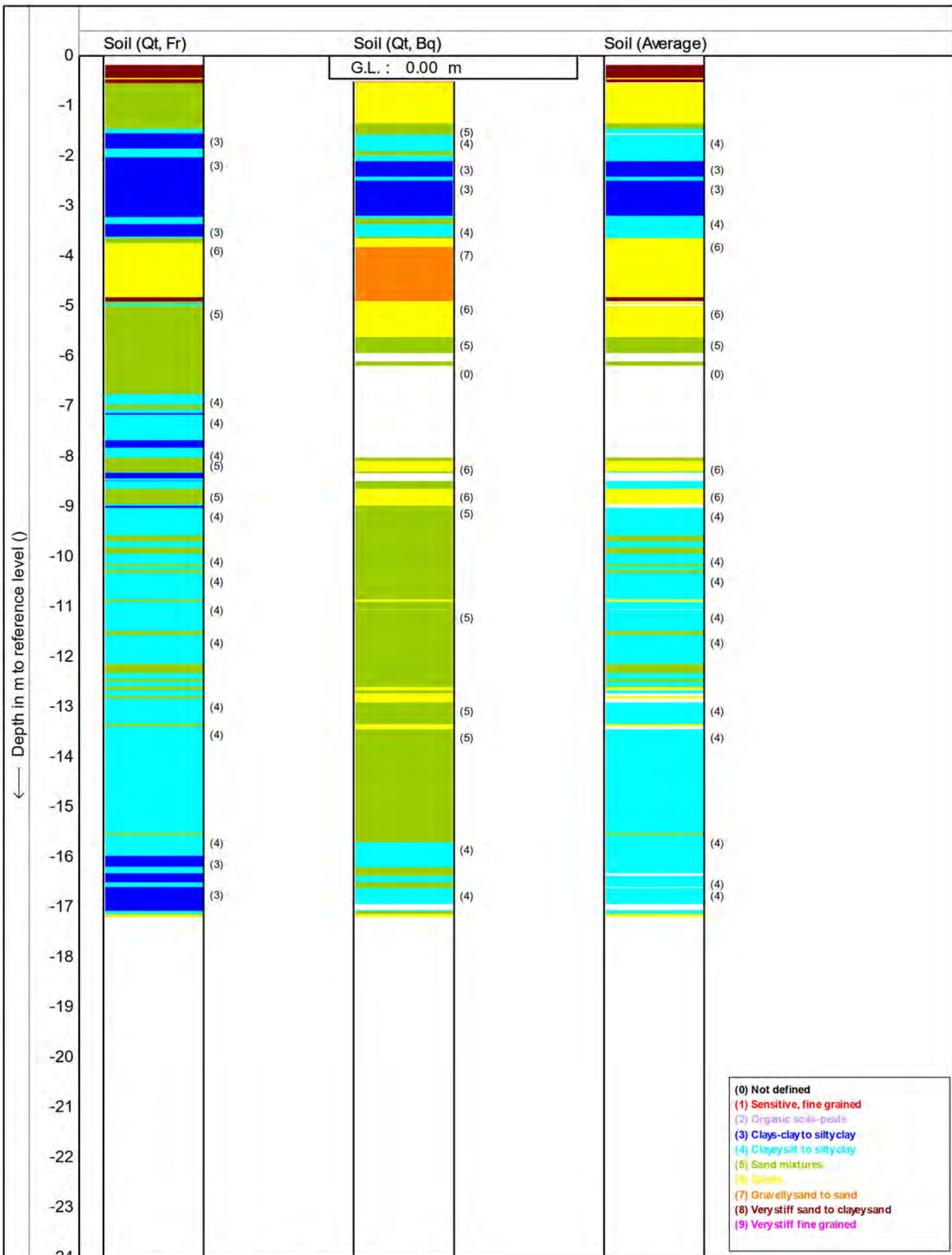
Position: **174.961826, -37.031289 WGS 84**

Date : **21/04/2021**

Cone no. : **S10CFIP.S16082**

Project no. : **DF21GE034**

CPT no. : **CPT\_22** 13/15



Soil behaviour type classification after Robertson 1990



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

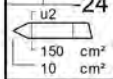
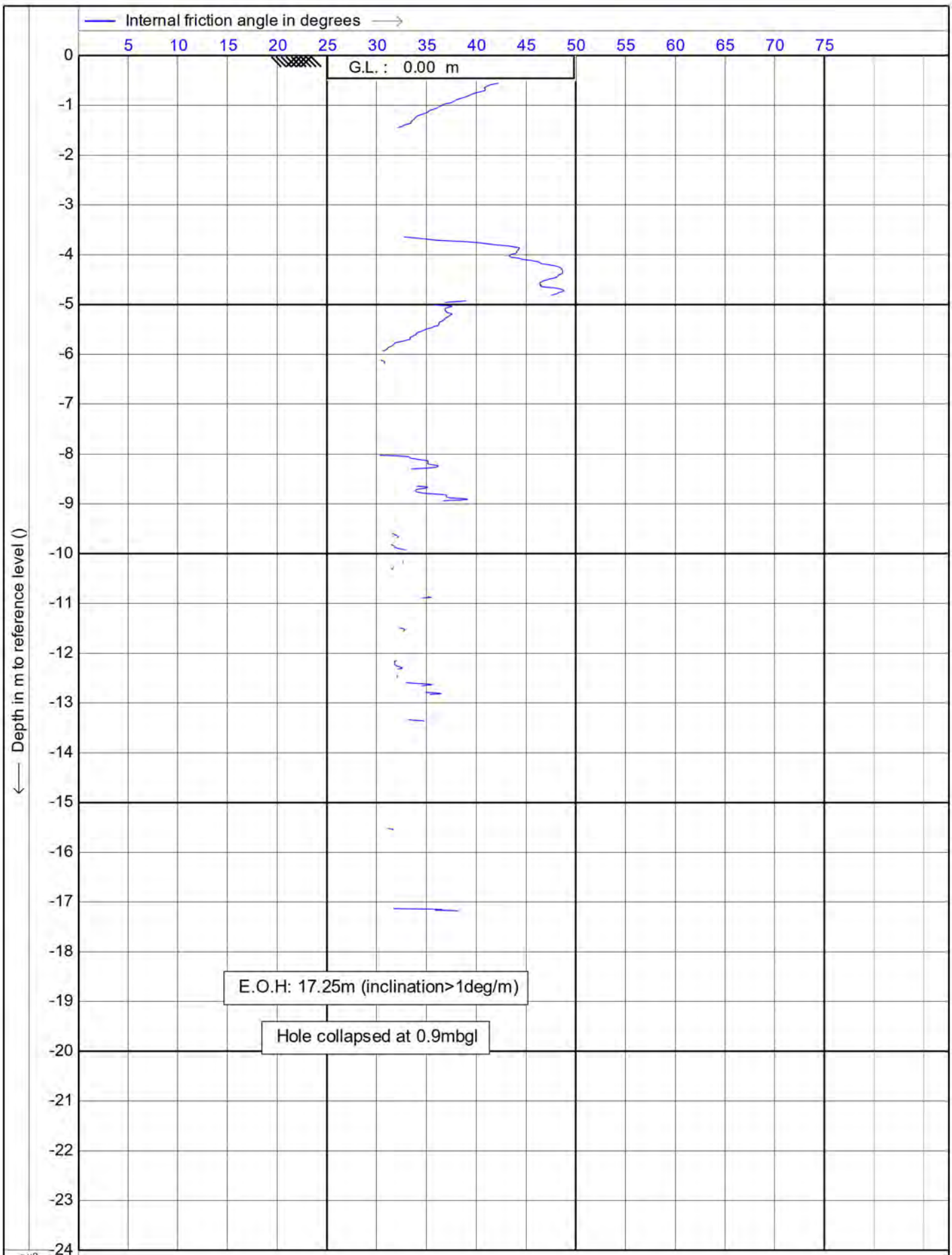
Position: 174.961826, -37.031289 WGS 84

Date : 21/04/2021

Cone no. : S10CFIP.S16082

Project no. : DF21GE034

CPT no. : CPT\_22 14/15



Test according NEN 5140 class 1

Project : Hamlin Rd

Location: Hamlin Rd, Ardmore

Position: 174.961826, -37.031289 WGS 84

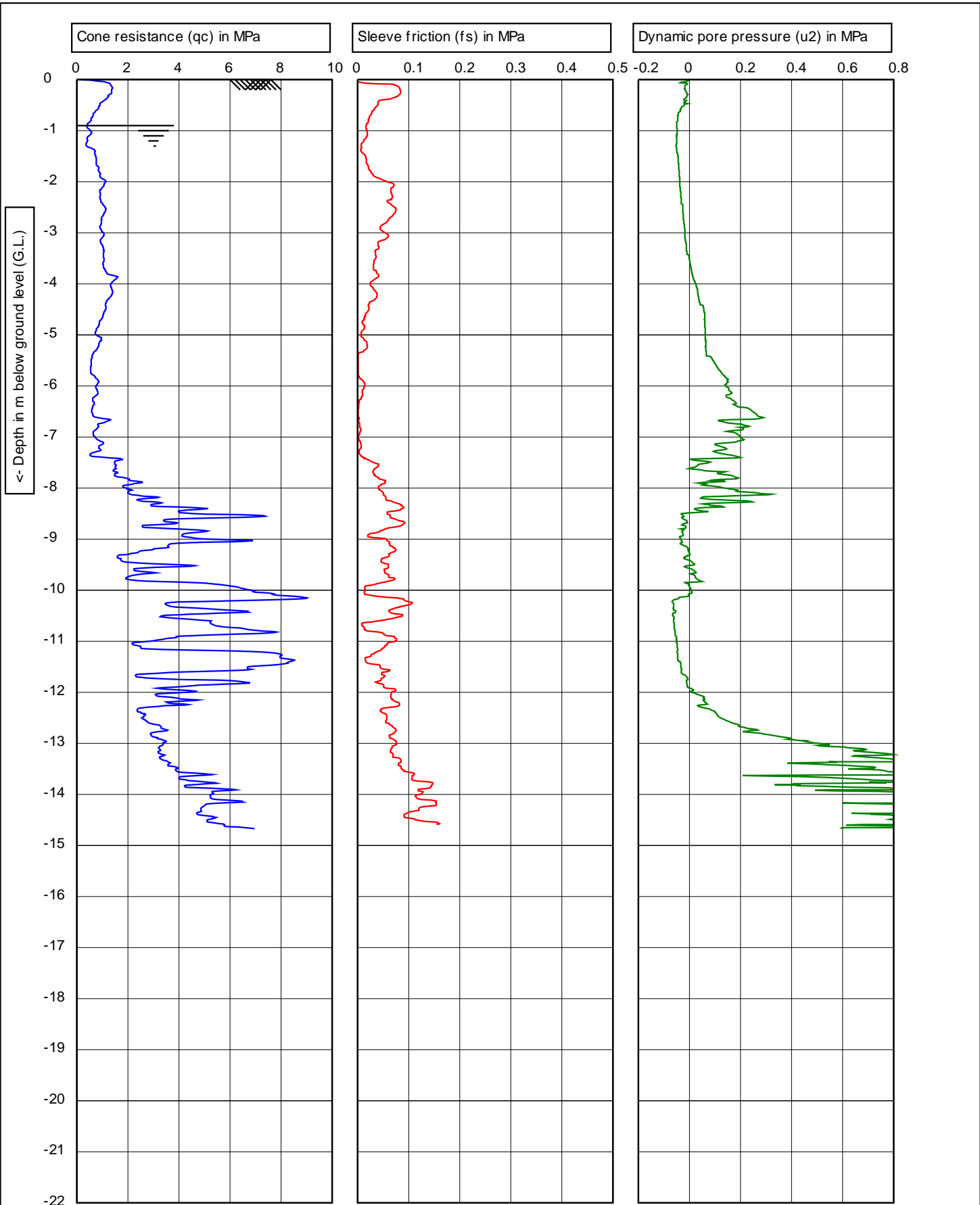
Date : 21/04/2021

Cone no. : S10CFIIP.S16082

Project no. : **DF21GE034**

CPT no. : **CPT\_22** 15/15



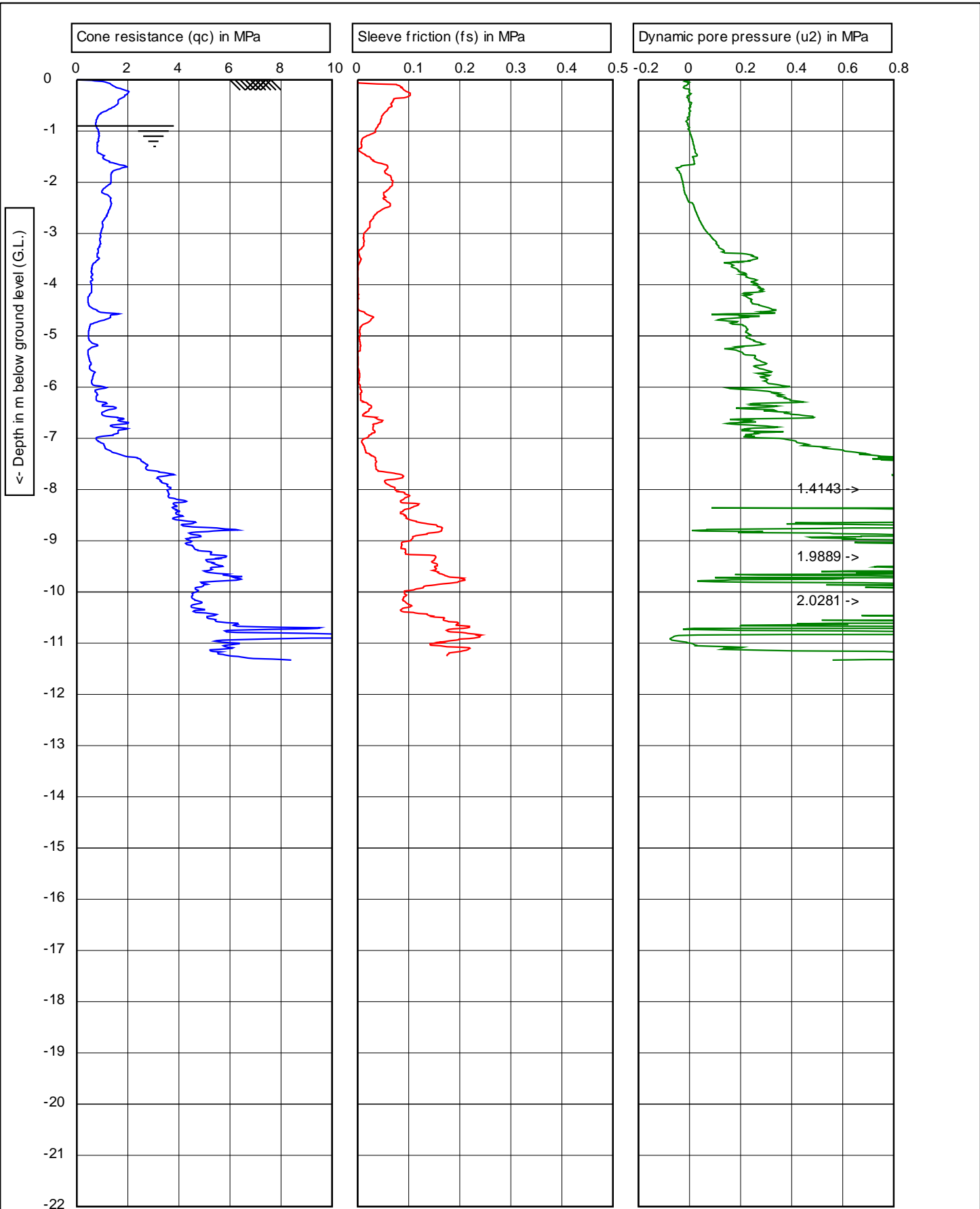


Refusal 10t.  
 EOH - Dipped - GWL @ 0.9m






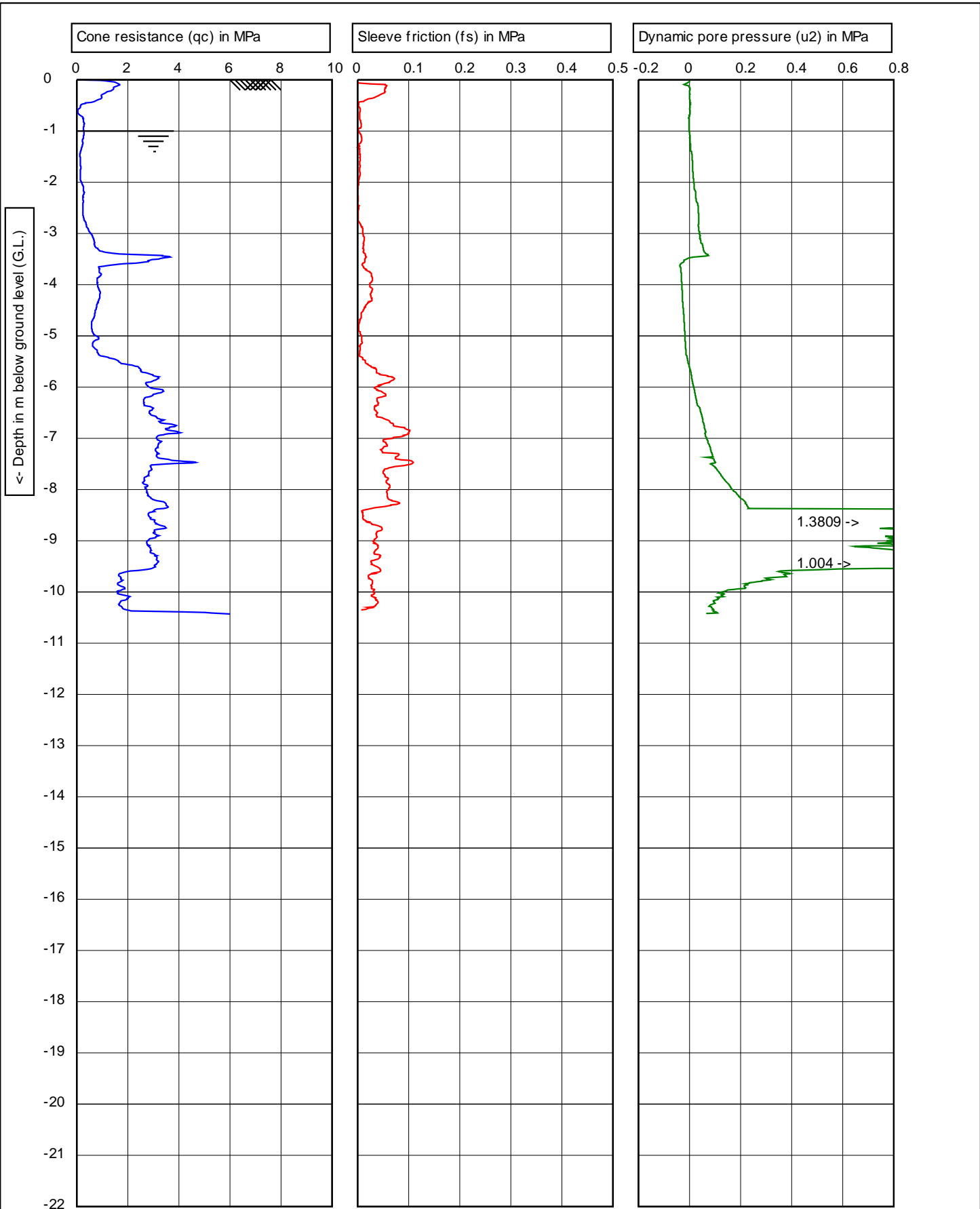
Test according ASTM D5778:12 & ISO 22476-1:2012  
 G.L.: 0.00 m NAP      W.L.: -0.90 m  
 Project: **Ardmore**  
 Location: **Airfield Rd**  
 Position: **1774222, 5899904 RD**

Predrill: **0.00 m Predrilled**  
 Date: **19/08/2022**  
 Cone no.: **C10CFIIP.C14434**  
 Project no.: **2-68207.00\_HA9442**  
 CPT no.: **401**      1/6






Refusal 10t.  
 EOH - Dipped - GWL @ 0.9m

  <small>ACCREDITED TESTING LABORATORY</small> <small>Test results indicated as not accredited are outside the scope of the laboratory's accreditation</small>	 <small>150 cm<sup>2</sup></small> <small>10 cm<sup>2</sup></small>	Test according ASTM D5778:12 & ISO 22476-1:2012 G.L.: 0.00 m NAP      W.L.: -0.90 m	Predrill: <b>0.00 m Predrilled</b> Date: <b>18/08/2022</b>
	Project: <b>Ardmore, Auckland (P-001384-SK3)</b>	Cone no.: <b>C10CFIIP.C13236</b>	
	Location: <b>Airfield Rd</b>	Project no.: <b>2-68207.00_HA9442</b>	
	Position: <b>1774268, 5899797 RD</b>	CPT no.: <b>402</b> 1/6	

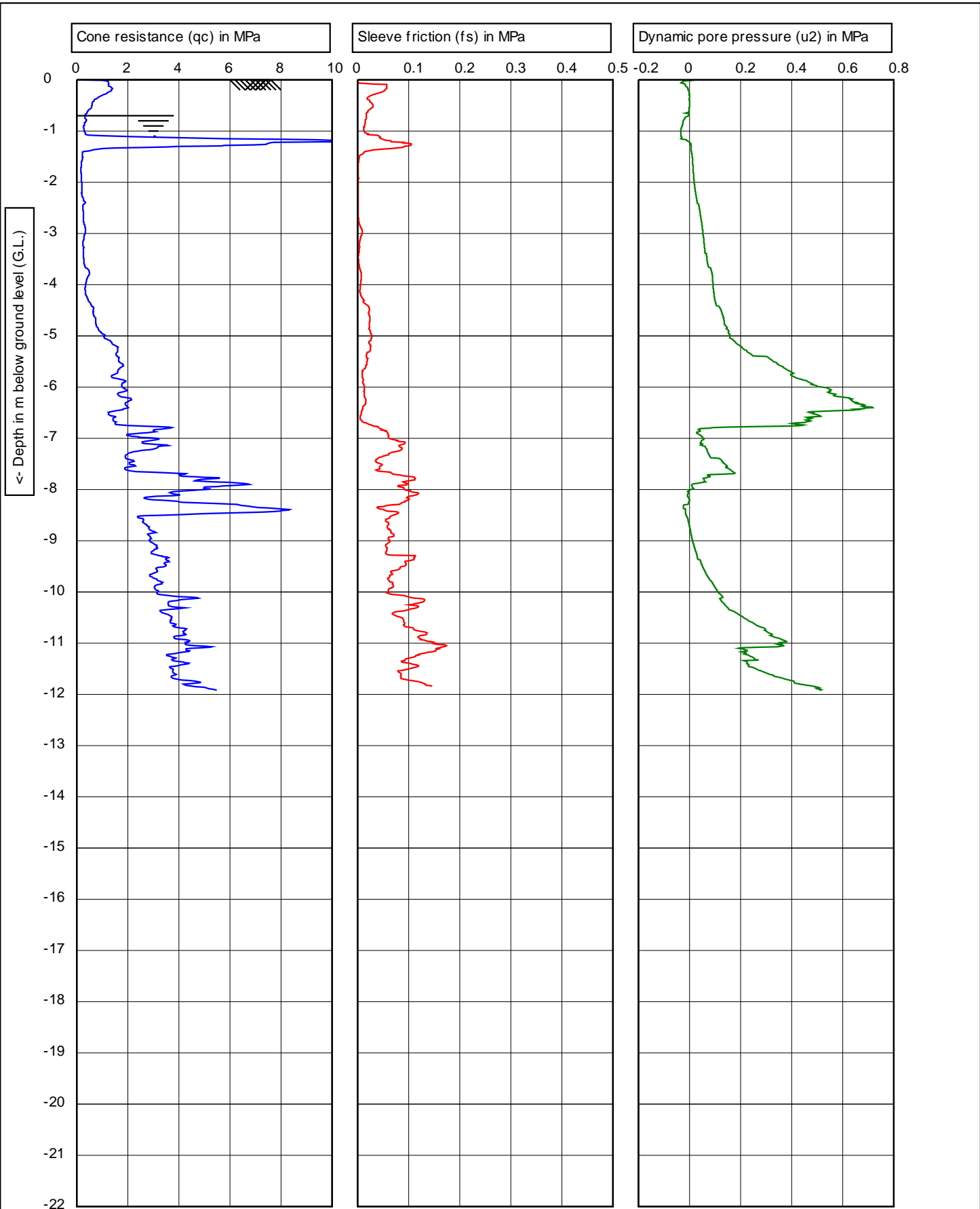


Refusal 10t.

EOH - Dipped - GWL @ 1.0m

  <p>Test results indicated as not accredited are outside the scope of the laboratory's accreditation</p>	 $r$ $u_2$ 150 cm <sup>2</sup> 10 cm <sup>2</sup>	Test according ASTM D5778:12 & ISO 22476-1:2012		Predrill: <b>0.00 m Predrilled</b>			
		G.L.: <b>0.00 m NAP</b>		W.L.: <b>-1.00 m</b>		Date: <b>18/08/2022</b>	
		Project: <b>Ardmore, Auckland (P-001384-SK3)</b>				Cone no.: <b>C10CFIP.C13236</b>	
		Location: <b>Airfield Rd</b>				Project no.: <b>2-68207.00_HA9442</b>	
Position: <b>1774315, 5899633 RD</b>				CPT no.: <b>403</b>		1/6	



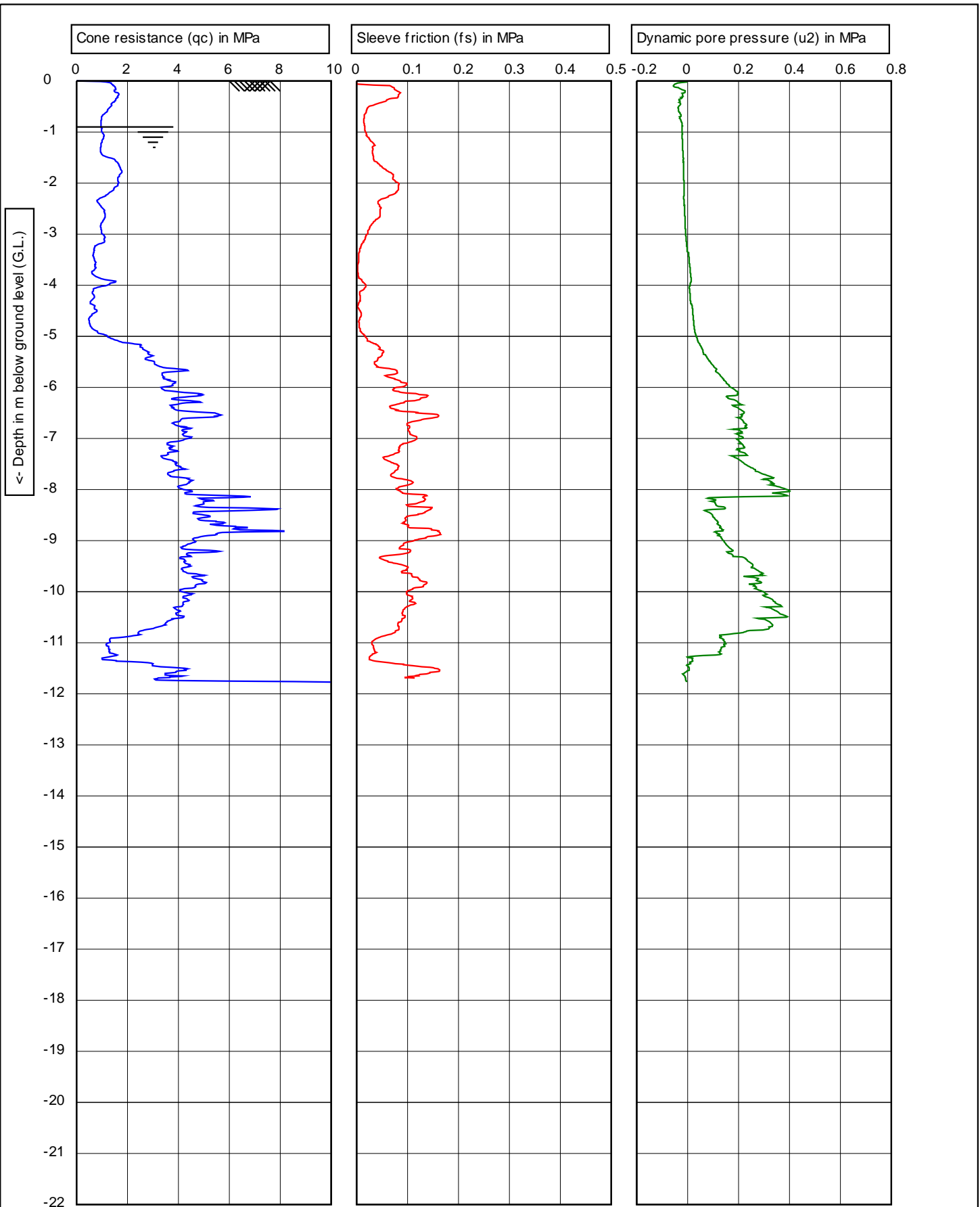


Refusal 10t.

EOH - Dipped - GWL @ 0.7m






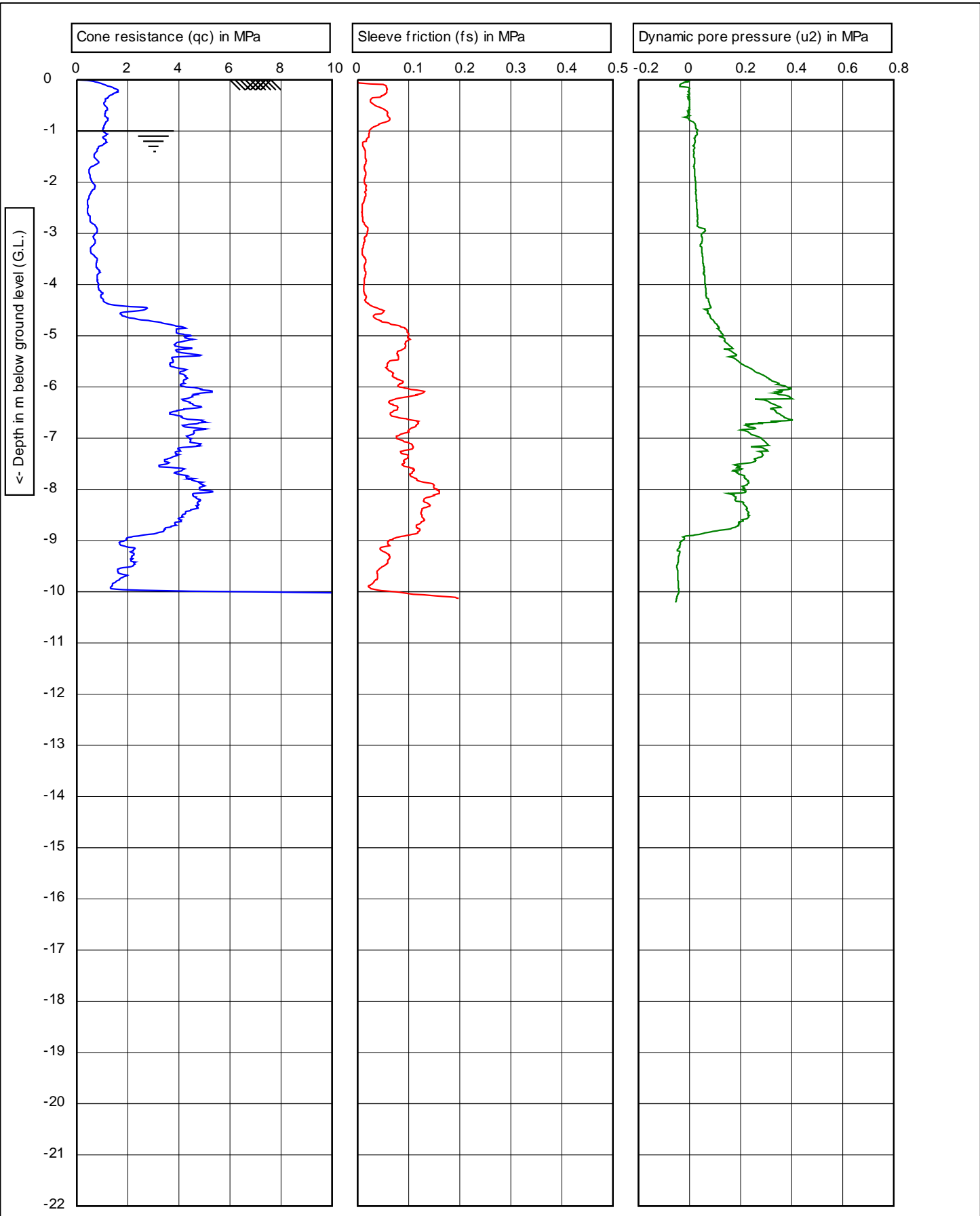
	Test according ASTM D5778:12 & ISO 22476-1:2012		Predrill: <b>0.00 m Predrilled</b>	
	G.L.: <b>0.00 m NAP</b>	W.L.: <b>-0.70 m</b>	Date: <b>18/08/2022</b>	
Project: <b>Ardmore, Auckland (P-001384-SK3)</b>		Cone no.: <b>C10CFIIP.C13236</b>		
Location: <b>Airfield Rd</b>		Project no.: <b>2-68207.00_HA9442</b>		
Position: <b>1774177, 5899866 RD</b>		CPT no.: <b>404</b>	1/6	



Refusal 10t.




EOH - Dipped - GWL @ 0.9m

  <p>Test results indicated as not accredited are outside the scope of the laboratory's accreditation</p>	 $r$ $u_2$ 150 cm <sup>2</sup> 10 cm <sup>2</sup>	Test according ASTM D5778:12 & ISO 22476-1:2012		Predrill: <b>0.00 m Predrilled</b>			
		G.L.: <b>0.00 m NAP</b>		W.L.: <b>-0.90 m</b>		Date: <b>18/08/2022</b>	
		Project: <b>Ardmore, Auckland (P-001384-SK3)</b>				Cone no.: <b>C10CFIP.C14434</b>	
		Location: <b>Airfield Rd</b>				Project no.: <b>2-68207.00_HA9442</b>	
Position: <b>1774235, 5899709 RD</b>				CPT no.: <b>405</b>		1/6	

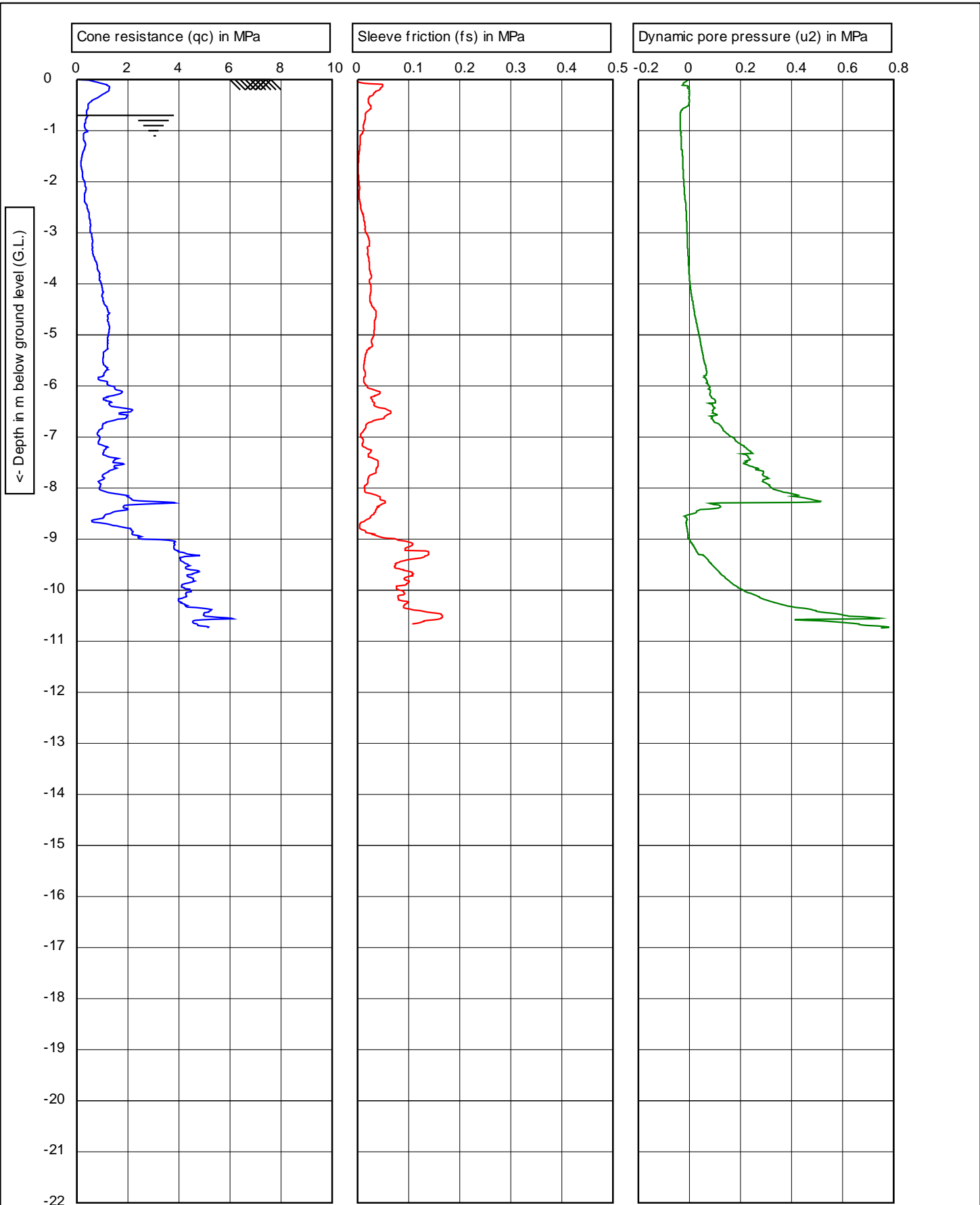


Refusal (8t. Rodflex)

EOH - Dipped - GWL @ 1.0m



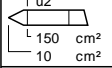
  <p>Test results indicated as not accredited are outside the scope of the laboratory's accreditation</p>		Test according ASTM D5778:12 & ISO 22476-1:2012 G.L.: 0.00 m NAP      W.L.: -1.00 m	Predrill: <b>0.00 m Predrilled</b> Date: <b>18/08/2022</b>	
	Project: <b>Ardmore, Auckland (P-001384-SK3)</b> Location: <b>Airfield Rd</b> Position: <b>1774238, 5899606 RD</b>	Cone no.: <b>C10CFIIP.C14434</b> Project no.: <b>2-68207.00_HA9442</b>	CPT no.: <b>406</b>	1/6

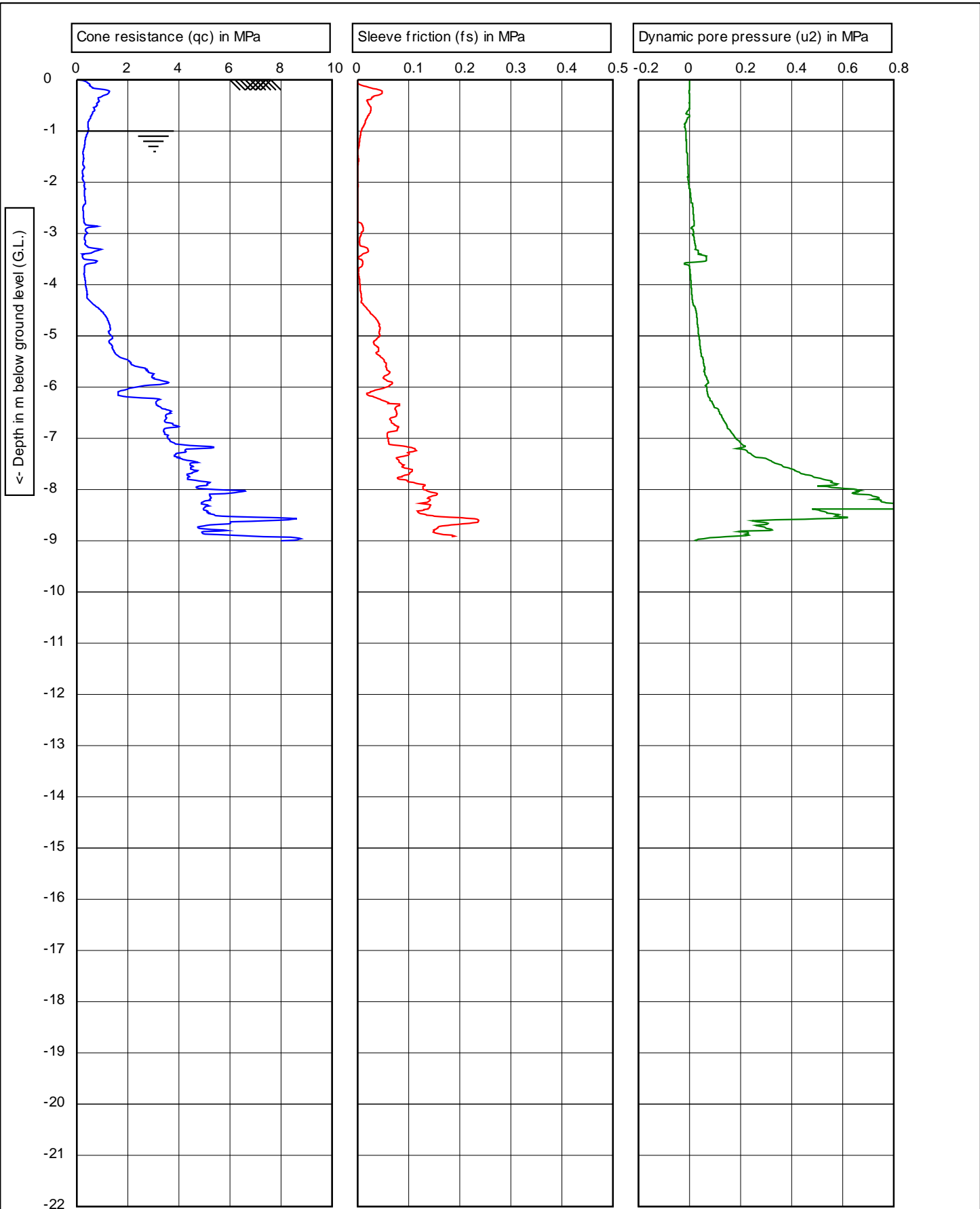




Refusal (8t. Rodflex)



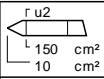
EOH - Dipped - GWL @ 0.7m

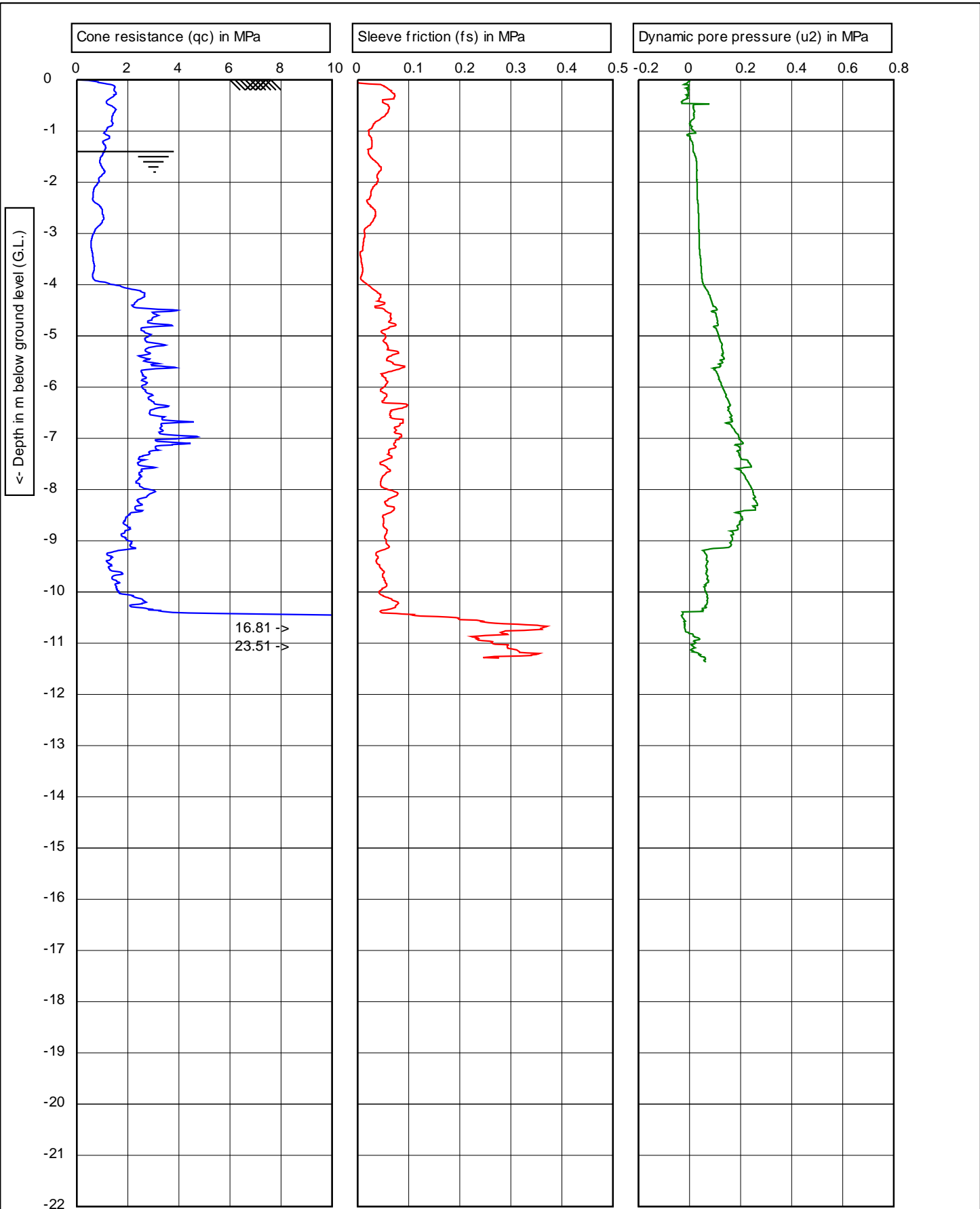
  <p>Test results indicated as not accredited are outside the scope of the laboratory's accreditation</p>	 <p>u2 150 cm<sup>2</sup> 10 cm<sup>2</sup></p>	Test according ASTM D5778:12 & ISO 22476-1:2012		Predrill: <b>0.00 m Predrilled</b>		
		G.L.: <b>0.00 m NAP</b>	W.L.: <b>-0.70 m</b>	Date: <b>19/08/2022</b>		
	Project: <b>Ardmore</b>				Cone no.: <b>C10CFIIP.C13236</b>	
	Location: <b>Airfield Rd</b>				Project no.: <b>2-68207.00_HA9442</b>	
Position: <b>1774101, 5899906 RD</b>				CPT no.: <b>407</b>	1/6	






Refusal 10t.

EOH - Dipped - GWL @ 1.0m

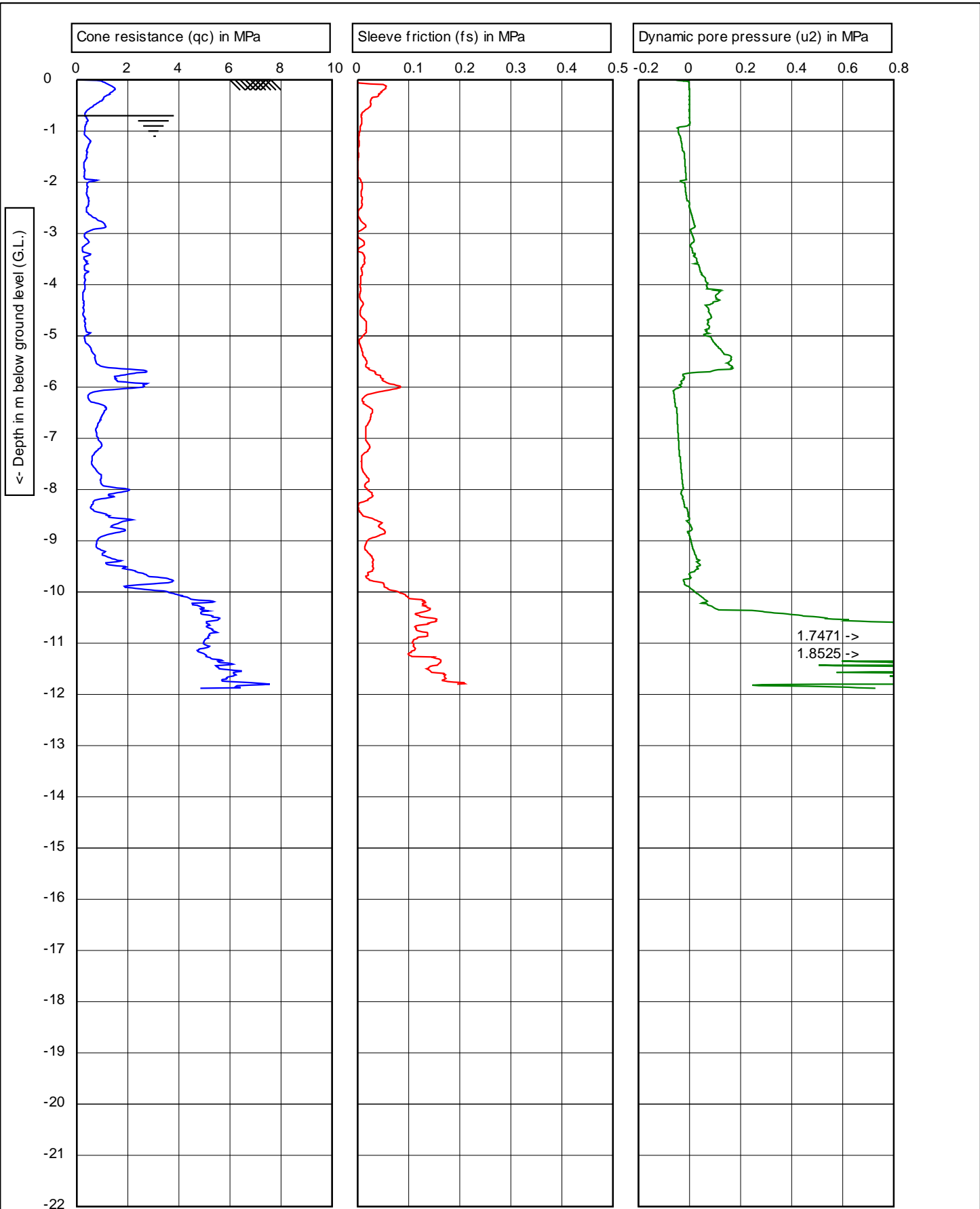
  <small>ACCREDITED TESTING LABORATORY</small> <small>Test results indicated as not accredited are outside the scope of the laboratory's accreditation</small>	 <small>150 cm<sup>2</sup></small> <small>10 cm<sup>2</sup></small>	Test according ASTM D5778:12 & ISO 22476-1:2012 G.L.: 0.00 m NAP      W.L.: -1.00 m	Predrill: <b>0.00 m Predrilled</b> Date: <b>18/08/2022</b>	
	Project: <b>Ardmore, Auckland (P-001384-SK3)</b> Location: <b>Airfield Rd</b> Position: <b>1774153, 5899787 RD</b>	Cone no.: <b>C10CFIIP.C14434</b> Project no.: <b>2-68207.00_HA9442</b>	CPT no.: <b>408</b>	1/6



Refusal 10t.  
 EOH - Dipped - GWL @ 1.4m



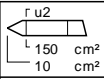
  <small>Test results indicated as not accredited are outside the scope of the laboratory's accreditation</small>		Test according ASTM D5778:12 & ISO 22476-1:2012 G.L.: 0.00 m NAP      W.L.: -1.40 m	Predrill: <b>0.00 m Predrilled</b> Date: <b>17/08/2022</b>
	Project: <b>Ardmore, Auckland (P-001384-SK3)</b>	Cone no.: <b>C10CFIIP.C14434</b>	
	Location: <b>Airfield Rd</b>	Project no.: <b>2-68207.00_HA9442</b>	
	Position: <b>1774195, 5899650 RD</b>	CPT no.: <b>409</b> 1/6	

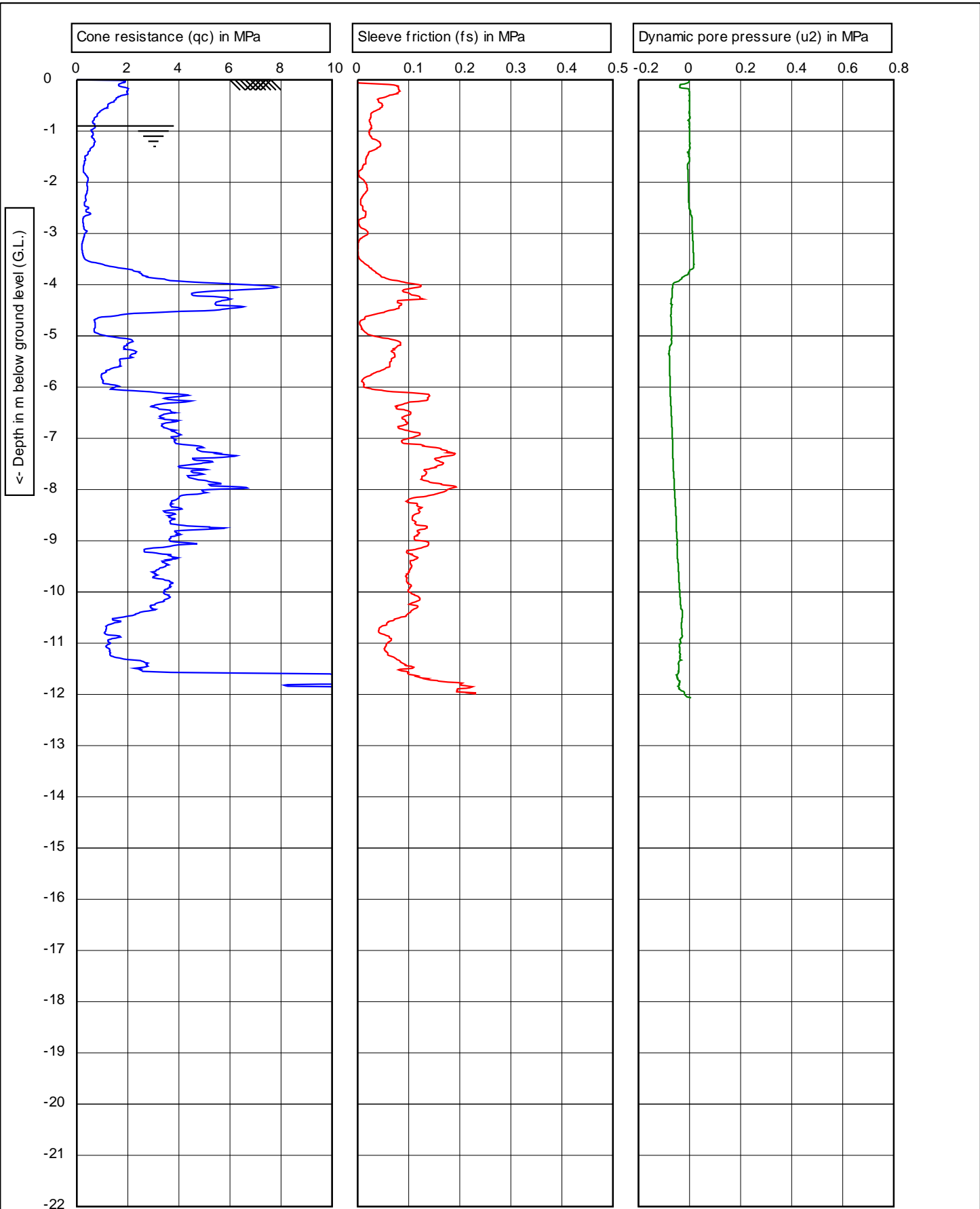




Refusal (8t. Rodflex)



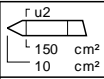
EOH - Dipped - GWL @ 0.7m

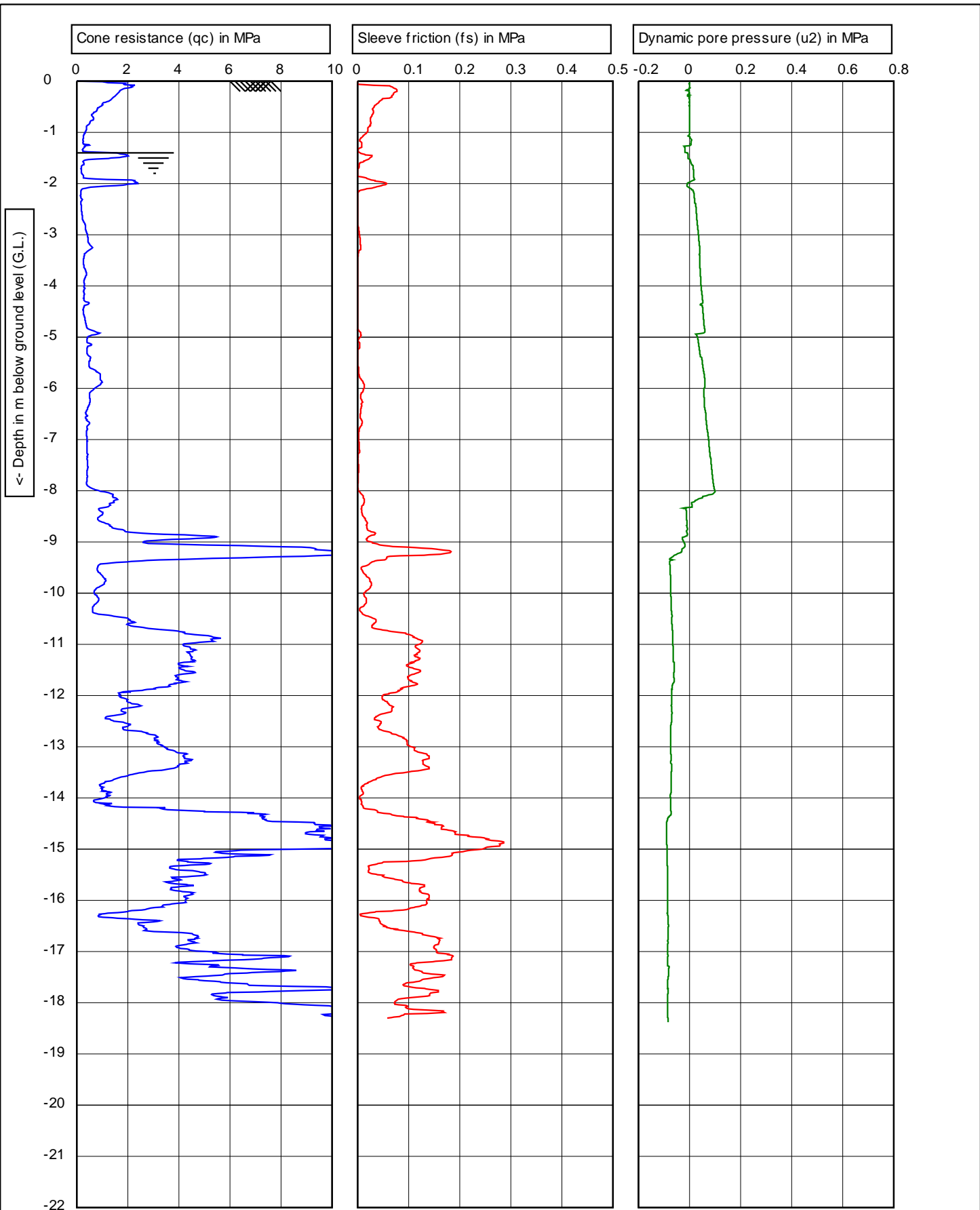
  <p>Test results indicated as not accredited are outside the scope of the laboratory's accreditation</p>	 <p>150 cm<sup>2</sup> 10 cm<sup>2</sup></p>	Test according ASTM D5778:12 & ISO 22476-1:2012		Predrill: <b>0.00 m Predrilled</b>			
		G.L.: <b>0.00 m NAP</b>		W.L.: <b>-0.70 m</b>		Date: <b>17/08/2022</b>	
		Project: <b>Ardmore, Auckland (P-001384-SK3)</b>				Cone no.: <b>C10CFIIP.C14434</b>	
		Location: <b>Airfield Rd</b>				Project no.: <b>2-68207.00_HA9442</b>	
Position: <b>1774035, 5899866 RD</b>				CPT no.: <b>410</b>		1/6	



Refusal (8t. Rodflex)

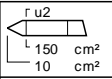
EOH - Dipped - GWL @ 0.9m

  <p>Test results indicated as not accredited are outside the scope of the laboratory's accreditation</p>	 <p>150 cm<sup>2</sup> 10 cm<sup>2</sup></p>	Test according ASTM D5778:12 & ISO 22476-1:2012		Predrill: <b>0.00 m Predrilled</b>			
		G.L.: <b>0.00 m NAP</b>		W.L.: <b>-0.90 m</b>		Date: <b>17/08/2022</b>	
		Project: <b>Ardmore, Auckland (P-001384-SK3)</b>				Cone no.: <b>C10CFIIP.C13236</b>	
		Location: <b>Airfield Rd</b>				Project no.: <b>2-68207.00_HA9442</b>	
Position: <b>1774130, 5899715 RD</b>				CPT no.: <b>411</b>		1/6	



Refusal (10t.)

EOH - Dipped - GWL @ 1.4m



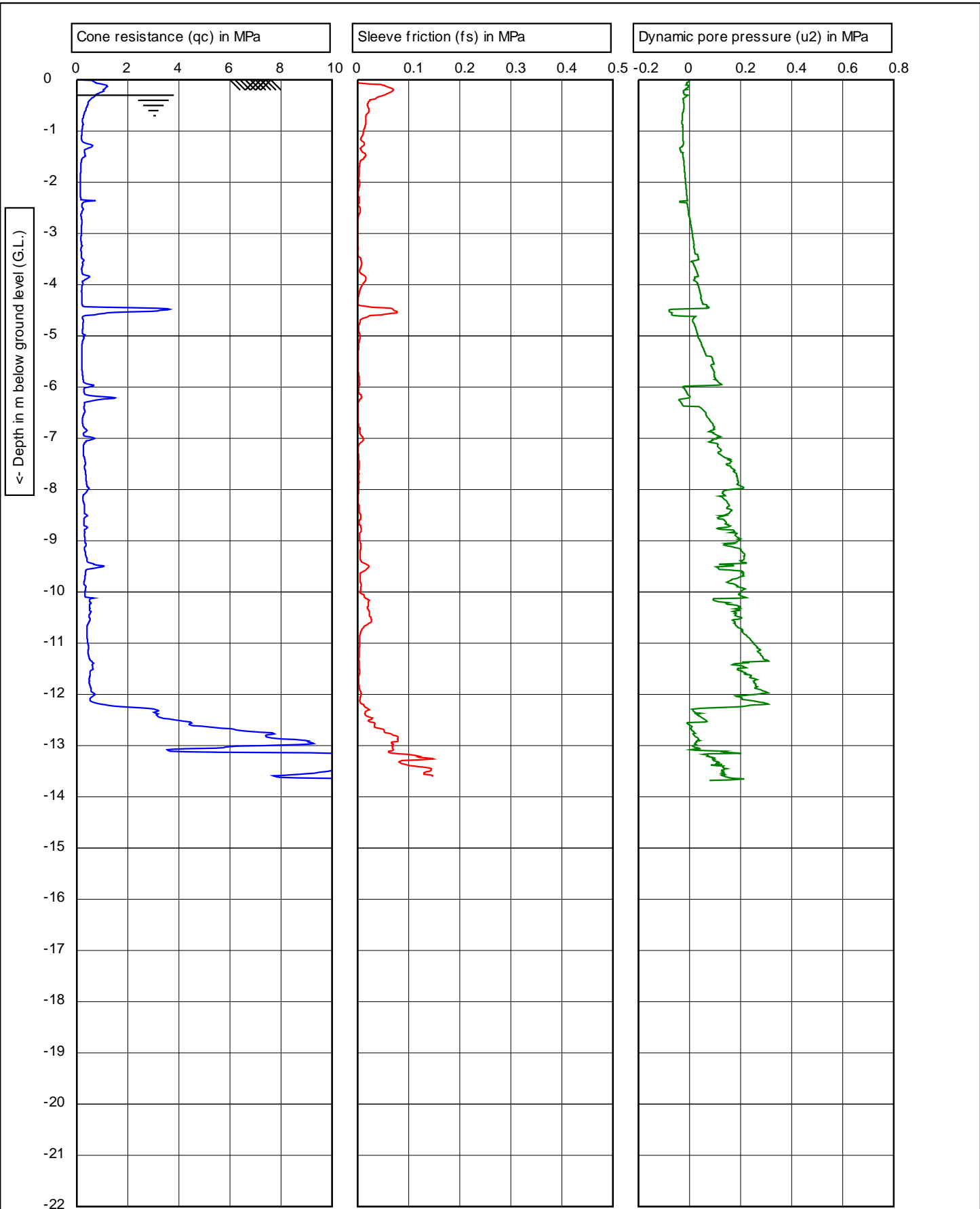
Test according ASTM D5778:12 & ISO 22476-1:2012  
 G.L.: 0.00 m NAP      W.L.: -1.40 m

Predrill: 0.00 m Predrilled  
 Date: 17/08/2022

Project: Ardmore, Auckland (P-001384-SK3)  
 Location: Airfield Rd  
 Position: 1774173, 5899588 RD



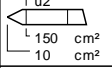
Cone no.: C10CFIIP.C14434  
 Project no.: 2-68207.00\_HA9442  
 CPT no.: 412      1/6

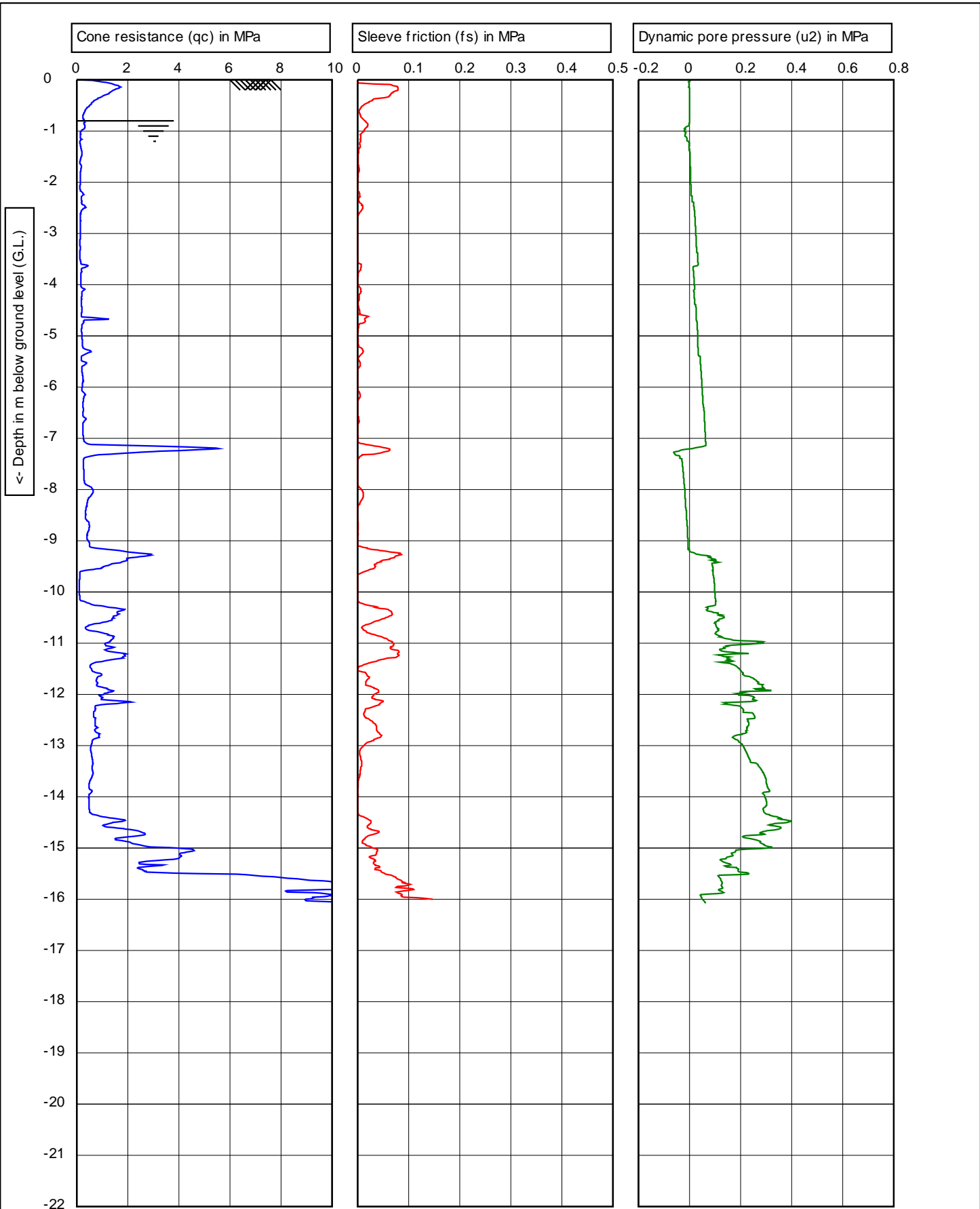




Refusal (8t. Rodflex)




EOH - Dipped - GWL @ 0.3m

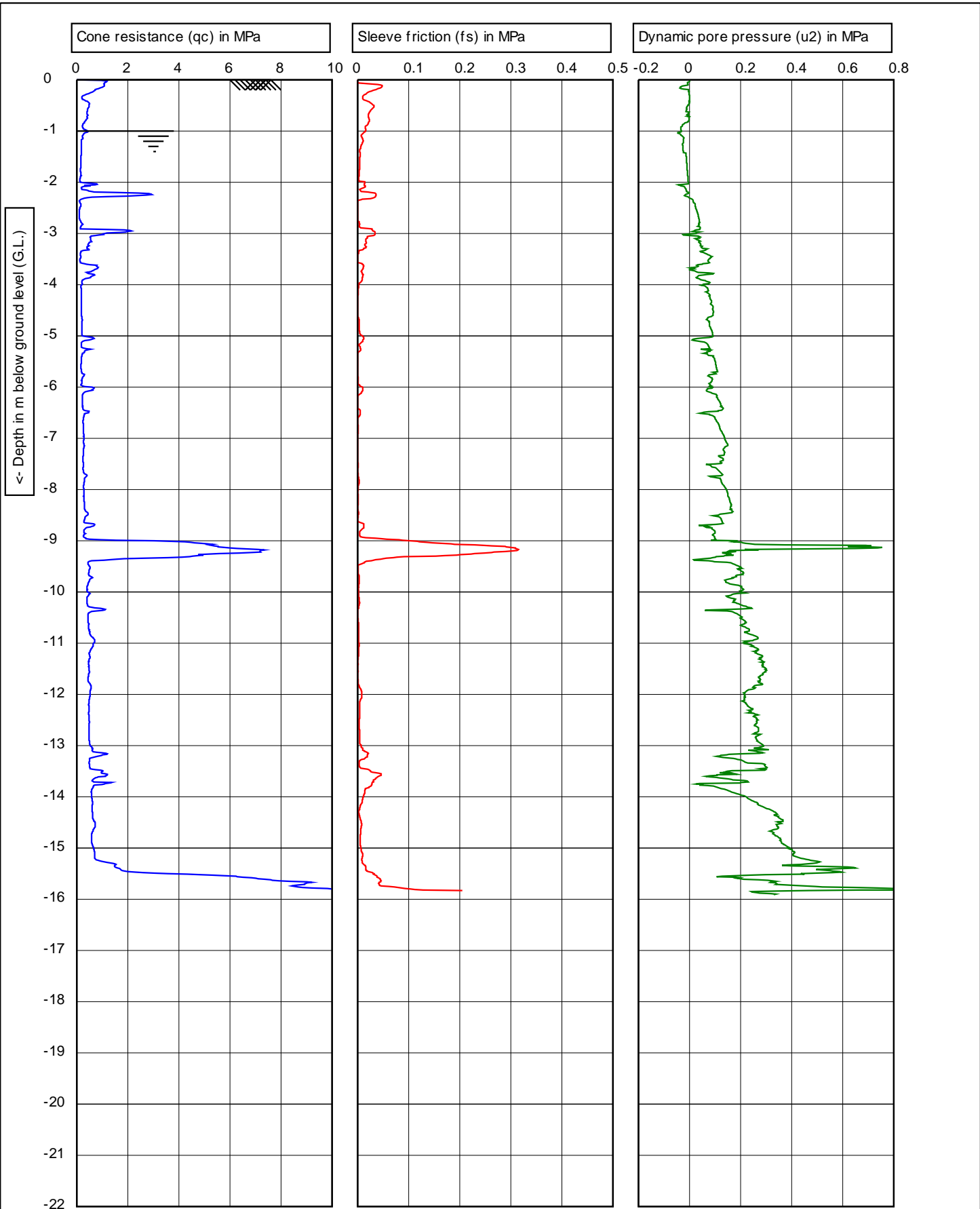
  <small>ACCREDITED TESTING LABORATORY</small> <small>Test results indicated as not accredited are outside the scope of the laboratory's accreditation</small>	 <small>150 cm<sup>2</sup></small> <small>10 cm<sup>2</sup></small>	Test according ASTM D5778:12 & ISO 22476-1:2012 G.L.: <b>0.00 m NAP</b> W.L.: <b>-0.30 m</b>	Predrill: <b>0.00 m Predrilled</b> Date: <b>17/08/2022</b>
	Project: <b>Ardmore, Auckland (P-001384-SK3)</b>	Cone no.: <b>C10CFIIP.C13236</b>	
	Location: <b>Airfield Rd</b>	Project no.: <b>2-68207.00_HA9442</b>	
	Position: <b>1773901, 5899833 RD</b>	CPT no.: <b>413</b> 1/6	



Refusal (8t. Rodflex)



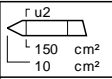
EOH - Dipped - GWL @ 0.8m

  <small>Test results indicated as not accredited are outside the scope of the laboratory's accreditation</small>	 <small>150 cm<sup>2</sup></small> <small>10 cm<sup>2</sup></small>	Test according ASTM D5778:12 & ISO 22476-1:2012		Predrill: <b>0.00 m Predrilled</b>		
		G.L.: <b>0.00 m NAP</b>		W.L.: <b>-0.80 m</b>		Date: <b>17/08/2022</b>
	Project: <b>Ardmore, Auckland (P-001384-SK3)</b>				Cone no.: <b>C10CFIP.C14434</b>	
	Location: <b>Airfield Rd</b>				Project no.: <b>2-68207.00_HA9442</b>	
Position: <b>1774009, 5899682 RD</b>				CPT no.: <b>414</b>		
					1/6	



Refusal 10t.

EOH - Dipped - GWL @ 1.0m

  <p>Test results indicated as not accredited are outside the scope of the laboratory's accreditation</p>	 <p>150 cm<sup>2</sup> 10 cm<sup>2</sup></p>	Test according ASTM D5778:12 & ISO 22476-1:2012		Predrill: <b>0.00 m Predrilled</b>			
		G.L.: <b>0.00 m NAP</b>		W.L.: <b>-1.00 m</b>		Date: <b>18/08/2022</b>	
		Project: <b>Ardmore, Auckland (P-001384-SK3)</b>				Cone no.: <b>C10CFIIP.C13236</b>	
		Location: <b>Airfield Rd</b>				Project no.: <b>2-68207.00_HA9442</b>	
Position: <b>1774067, 5899502 RD</b>				CPT no.: <b>415A</b>		1/6	