

From: [Official Information](#)
To: [S 7\(2\)\(a\)@bcdgroup.nz](#)
Cc: [Official Information](#)
Subject: Final response - LGOIMA 344195 - [S 7\(2\)\(a\)](#) - Geotechnical investigations or reports relating Sonning carpark
Date: Tuesday, 5 September 2023 12:54:01 pm
Attachments: [image004.png](#)
[image005.jpg](#)
[image006.jpg](#)
[Sonning Carpark - Geotechnical Assessment Report To Issue_Optimized.pdf](#)

Kia ora,

We refer to your information request below. Hamilton City Council provides the following response.

Your request:

Request for any geotechnical investigations or reports relating to the Sonning Carpark at 201 River Road, Hamilton to be made available either to myself or to be published on the New Zealand Geotechnical Database (ideally both). I have obtained a copy of a recent WSP report, however investigations and analyses were not appended to the report and are not yet publicly available.

Our response:

Please see the Geotechnical assessment report for Sonning Carpark attached.

You have the right to seek an investigation and review by the Ombudsman of this decision. Information about how to make a complaint is available at www.ombudsman.parliament.nz or freephone 0800 802 602.

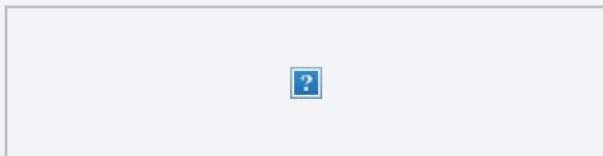
Ngaa mihi

Keeley Faulkner

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I support flexibility at work. While it suits me to send this email now, I don't expect a response outside of your own working hours.

From: noreply@hamilton.govt.nz <noreply@hamilton.govt.nz>

Sent: Friday, 18 August 2023 1:59 pm

To: Official Information <officialinformation@hcc.govt.nz>

Subject: CM: OIA Request - HCC-OIA-230818-BYZMR



We've received a request for you.

This request was received on 18 August 2023 @ 1:59PM.

Here's your reference number and the request details:

UUID

HCC-OIA-230818-BYZMR

S 7(2)(a)

Detailed description of request

Request for any geotechnical investigations or reports relating to the Sonning Carpark at 201 River Road, Hamilton to be made available either to myself or to be published on the New Zealand Geotechnical Database (ideally both). I have obtained a copy of a recent WSP report, however investigations and analyses were not appended to the report and are not yet publicly available.

Organisation

BCD Group Ltd.

Attachments

Created

18 August 2023 @ 1:59PM

If you have any questions in the meantime, feel free to call us on [\(07\) 838 6699](tel:(07)8386699) or [email our customer service team](#).

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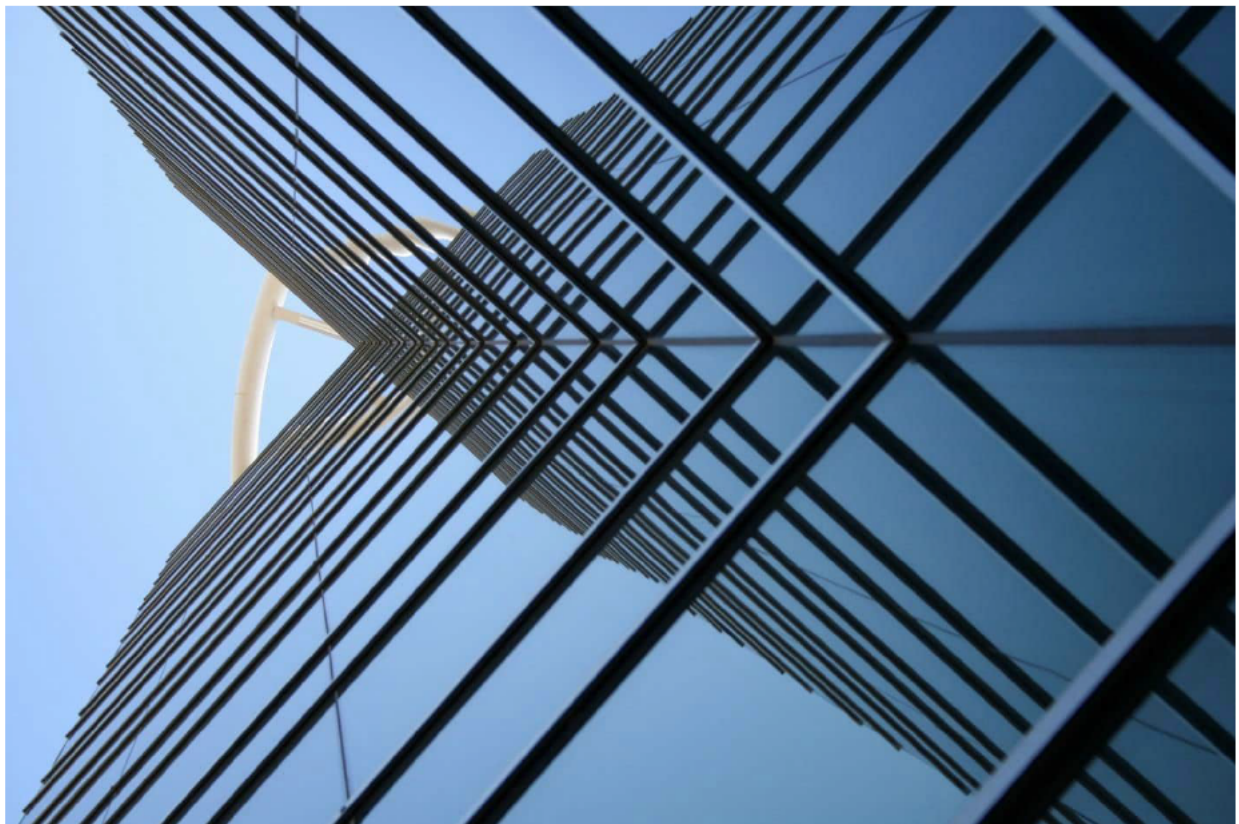
Project Number: 2-WLASS.BN

Sonning Carpark Development

Preliminary Geotechnical Assessment Report

1 December 2020

CONFIDENTIAL



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Document Details:

Date: 1st December 2020

Reference: HA 2020/41

Status: Issue

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Approved for release by

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Document History and Status

Revision	Date	Author	Reviewed by	Approved by	Status
0	1/12/2020	Tram Dinh	John Warrington	Thomas de Malmanche	Issue

Revision Details

Revision	Details

Contents

Disclaimers and Limitations.....	5
1 Introduction	6
2 Scope of Works.....	6
3 Site Description	6
4 Desk Study.....	7
4.1 Previous Investigations.....	7
5 Geological Setting.....	7
5.1 Published geology	7
5.2 Seismicity.....	8
5.3 Intermediate Seismicity.....	8
5.4 Geotechnical Investigations.....	9
5.5 Rotary Cored Borehole.....	9
5.6 Cone Penetrometer Tests.....	9
6 Ground water conditions.....	9
7 Ground Conditions	10
7.1 Soil Parameters.....	10
8 Geotechnical Assessment.....	11
8.1 Liquefaction Susceptibility and Damage.....	11
8.2 Slope stability analysis	12
8.3 Static vertical settlement.....	14
9 Conclusions and Recommendations.....	15
10 Risk Summary Table	16
11 References.....	20

List of Figures

Figure 1: Site Location.....	7
Figure 2: Hinuera Formation showing lensed nature of the soils (McCraw, 2011)	8

List of Tables

Table 1: Summary of Seismic Design Parameters	8
Table 2: Intermediate Seismic Event Design Parameters	9
Table 3: Soil profile	10
Table 4: Soil properties used for the stability assessment of the riverbank.....	10
Table 5: Liquefaction Effects and Analysis Results.....	12
Table 6: Liquefaction Characteristics & Consequences	12



Table 7: Slope Analysis for Building Locates at the Slope crest.....	13
Table 8: Predicted Lateral Displacement.....	13
Table 9: Slope analysis for building at 25m setback from the slope crest.....	14

List of Appendices

Appendix A – Site Location, Ground Investigation Location and Geological map
Appendix B – Ground Investigation logs
Appendix C – Liquefaction Analysis Results
Appendix D – Predicted Lateral Displacement and Slope Stability Analysis Results
Appendix E – Static Vertical Settlement Results

Disclaimers and Limitations

This report has been prepared by WSP New Zealand Ltd (WSP) for the Hamilton City Council (the Client) in respect of the proposed development at Sonning Carpark, 191 River Road, Hamilton. The report purpose is to provide preliminary geotechnical assessment for the proposed development agreed between the Client and WSP (Purpose). WSP accepts no responsibility for the validity, appropriateness, sufficiency or consequences of the Client using the report for purposes other than for the defined Purposes and the report is not to be reproduced without WSP' prior written permission.

This report is not intended for general publication or circulation and is not intended for, and may not be used, by third parties. WSP disclaims all risk and all responsibility to any third party.

This report is subject to the following limitations:

- WSP has provided the report based on the various assumptions contained in this report.
- Where we have obtained information from a government register or database, we have assumed that the information is accurate. Where an assumption has been made, we have not made any independent investigations with respect to the matters the subject of that assumption. We are not aware of any reason why any of the assumptions are incorrect.
- No calculations, other than those noted within, have been undertaken in support of the conclusions of this report.
- A change in circumstances, facts, information after the report has been provided may affect the adequacy or accuracy of the report. WSP is not responsible for the adequacy or accuracy of the report as a result of a change.
- This report specifically excludes assessment or advice relating to hazardous materials, such as asbestos or contaminated land.
- WSP's professional services are performed using a degree of care and skill normally exercised, under similar circumstances, by reputable consultants practicing in this field at this time.

Subsurface conditions are formed through a variety of natural processes and can be altered by human activities. The behaviour of the ground, groundwater and contaminants are complex and conditions can vary across a particular site. As a result, subsurface conditions cannot be exhaustively defined by investigations at discrete locations. Therefore, it is unlikely that the results and assessments expressed in this report will represent conditions at any location removed from the specific points of sampling. The precision with which conditions can be inferred depends largely on the uniformity of subsurface conditions and on the frequency and method of sampling as constrained by factors such as project budget and time limitations and physical constraints.

Furthermore, subsurface conditions can change over time, which should be considered when interpreting or using the data within this report.

The opinions and recommendations in this report apply to the proposed development and the site existing at the time of study using available information and cannot necessarily apply to changes in the proposed development or site changes of which WSP is not aware and has not had the opportunity to evaluate. The results of our study should be considered to be preliminary and subject to verification during future design phases of the project. If conditions encountered at the site during implementation are subsequently found to differ significantly from those anticipated, WSP must be notified and be provided with an opportunity to review the recommendations.

1 Introduction

Hamilton City Council (HCC) has engaged WSP NZ Ltd (WSP) to produce a preliminary geotechnical assessment report for future development of the Sonning Road Carpark, 191 River Road, Hamilton. No plans have been received detailing the nature of the development however it is understood this will potentially be a commercial or residential development.

2 Scope of Works

In order to provide a preliminary geotechnical assessment of the subject site and to assist in making recommendations for development of the site, the following works have been undertaken, as detailed in our offer of service letter dated 9th November 2020.

- A desktop study (review of underlying geology, available online maps, WSP geotechnical report database, NZ Geotechnical Database (NZGD) and Client supplied information);
- A site walkover to identify any specific geotechnical constraints to the proposed development and finalise the proposed investigation scope; and,
- Preparation of a Preliminary Geotechnical Assessment Report (PGAR) to covers the following:
 - Findings from the desk study;
 - An assessment of the soil geotechnical characteristic (soil profile, the key geotechnical findings and soil parameters);
 - Consideration of ground and surface water conditions;
 - An assessment of the stability of the adjacent riverbank slope and its potential impact on development options;
 - A liquefaction risk assessment and its potential impact on development options; and,
 - Preliminary foundation and earthworks recommendations.

3 Site Description

The site is situated on the eastern bank of the Waikato River to the north of Claudelands Road and adjacent railway. It is currently occupied by a flat asphaltic surfaced carpark with sporadic grassed areas and large mature trees. The site is bounded to the west by the Waikato River, to the east by River Road and to the north by an existing residential area. The riverbank slopes downwards from car park level at gradients of up to 40° with a height of between 20m up to 23m above river level..

At the time of the site walk over, a previous shallow seated slip was identified within the slope to the south west corner of the carpark, located approximately 27m north of the railway boundary. The slope was observed to be heavily vegetated at the time of inspection. Reviewing the Retro lens database (Waikato Regional Council, 2020), the slip was identified as having occurred around 1953. A crib wall is present along the sites southern boundary supporting the railway and Claudelands Road with a second crib wall to the south-east corner of the site of supporting the approach to River Road overbridge. A masonry block wall is present at the northern boundary providing support to the properties within the residential area. The car park area was observed to be relatively flat with several trees present.

The site location is presented in Figure 1 and Appendix A

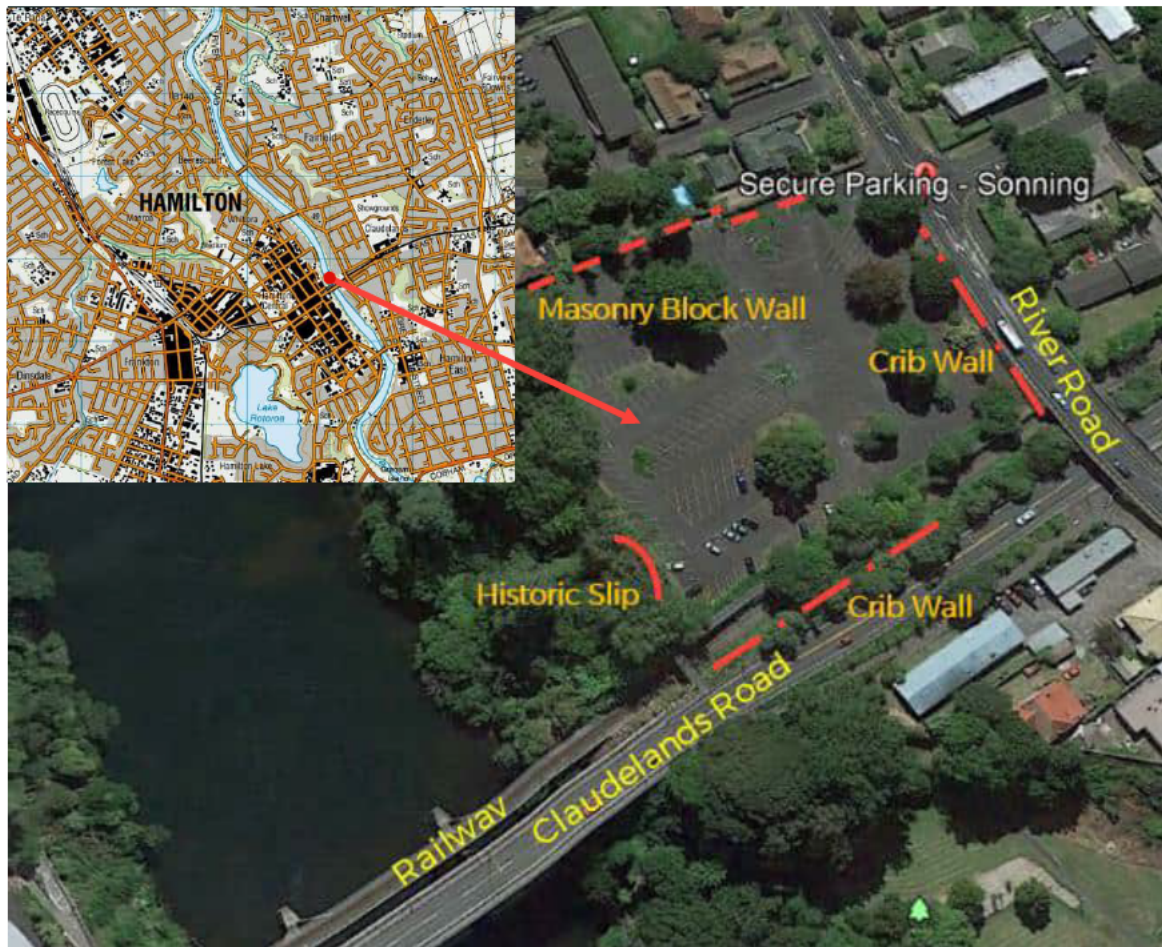


Figure 1: Site Location

4 Desk Study

4.1 Previous Investigations

A desktop study of nearby geotechnical reports and ground investigation data in the vicinity of the subject site has been undertaken with the objective of determining the an outline of the likely strata and soils properties beneath the site. The following sources were referred to:

- Claudelands Bridge East Abutment – Factual Report HA16/033 (WSP - OPUS, 2017)
- Claudelands Bridge East Abutment – Geotechnical Design Requirements HA 17/037 (WSP - OPUS, 2017)
- Claudelands Bridge East Abutment – Preliminary Geotechnical Assessment HA16/021 (WSP-OPUS, 2016)

5 Geological Setting

5.1 Published geology

With reference to the 1:250,000 scale geological map of the region (Edbrooke, 2005), the site is underlain by soils of the Hinuera Formation (Q3a). It was deposited by braided river systems of the ancestral Waikato River, on a large, low angle fan surface, which passed northward into an extensive braided river plain. Dating from between 50,000-17,000 years ago, this formation reaches up to 90m thick. Cross bedded sands, silts and gravels dominate this highly variable unit

(Figure 2). The Hinuera Formation was deposited in channels and depressions eroded into the surface of the Walton Subgroup which is dominated by primary and reworked, non-welded ignimbrite and tephra.

The older, but more detailed 1: 25,000 scale geological map (Kear, 1965) also indicates the site to be underlain by deposits of the Hinuera Formation.

An extract of the geological map is presented in Appendix A. Overlying the Hinuera formation, topsoil is present at this site.



Figure 2: Hinuera Formation showing lensed nature of the soils (McCraw, 2011)

The GNS active faults database indicates that the nearest active fault is the Kerepehi Fault which is situated approximately 43km east of the subject site.

5.2 Seismicity

A design earthquake magnitude and ground acceleration for the site have been determined based on MBIE Guidelines Module 1 (NZGS/MBIE, 2016) and the Bridge Manual (Waka Kotahi, May 2016). The following design parameters have been adopted:

- Site Soil Class of "D" (Deep soil site) based on NZS1170.5 (NZS, 2004);
- Importance Level 2 (for residential buildings) and Importance Level 3 (for multi storey high occupancy buildings) based on Table 3.2 of New Zealand Structural Design Standard for earthquake (NZS, 2004).
- Design life of 50 years

The design earthquake ground motion parameters are summarised in Table 1

Table 1: Summary of Seismic Design Parameters

Limit State	Return Period	Design Earthquake Magnitude	Design Earthquake PGA
SLS (Serviceability Limit State)	25 Years	5.9	0.05g
ULS-IL2 (Ultimate Limit State for IL2)	500 years	5.9	0.22g
ULS-IL3 (Ultimate Limit State for IL3)	1000 years	5.9	0.28g

5.3 Intermediate Seismicity

The Earthquake Geotechnical Engineering Practice Module 4 (MBIE & NZGS, 2016) advises that "...with liquefaction triggering at a site, however, there may be a pronounced degradation in foundation performance and this is likely to happen at a shaking level which is Intermediate

between SLS and ULS earthquakes. Where liquefaction triggering is likely at a modest, intermediate return period, the resulting level of damage may be excessive and inappropriate for such a high likelihood of occurrence”.

WSP has consequently assessed the intermediate seismic event that has the potential to trigger damage to buildings due to settlement or lateral spread of foundations based on the parameters detailed in Table 1

Table 2: Intermediate Seismic Event Design Parameters

Limit State	Return Period	Design Earthquake Magnitude	Design Earthquake PGA
Intermediate Seismic Event for IL2	100 years	5.9	0.11g
Intermediate Seismic Event for IL3	500 years	5.9	0.22g

5.4 Geotechnical Investigations

Geotechnical investigations were undertaken at the south-western corner of Sonning carpark in June 2016 in relation to the assessment of the stability of the riverbank adjacent to the Claudelands Bridge eastern abutment (WSP - OPUS, 2017).

The ground investigation (GI) works, comprised the following:

- 2 Cone Penetration Tests (CPTs).
- 2 Boreholes (BHs).

The assessment has been undertaken based on a ground model developed from the findings from BH01 and CPT01, these being in close proximity to the subject site.

The relevant borehole log, photographs and CPT log are presented in Appendix B.

5.5 Rotary Cored Borehole

The BH was drilled using the HQ triple tube coring method, this providing undisturbed soil samples for laboratory testing, with Standard Penetration Tests at approximately 1.5m intervals to a target depth of 30m below ground level (bgl). A hand-held shear vane was used to measure the strength of soils at selected depths. The BH was logged, sampled and photographed on site by a WSP Geotechnical Engineer in general accordance with the New Zealand Geotechnical Society's guidelines¹.

5.6 Cone Penetrometer Tests

The CPT was undertaken by WSP using a track mounted piezocone enabled rig, measuring end bearing pressure (q_c), sleeve friction and porewater pressure (u) with depth. This provides valuable information for assessing the strength and engineering properties of the soil. However, no samples are recovered for visual inspection.

6 Ground water conditions

BH01 was dipped at completion to measure the ground water level which was recorded at 10.7m bgl in Winter. It is considered that this likely represents a perched water table rather than the

regional water table. This is based on previous experience in the area. Groundwater was not encountered in the CPT.

For liquefaction analysis purpose, a ground water level at 10mbgl has been inferred for this site. For the slope stability analysis, a regional static groundwater level has been inferred to be co-incident with the river level, reducing in depth as measured from the car park level with a ratio of 1V:10H from the river towards the east.

7 Ground Conditions

Based on the BH and CPT logs a ground model for the site is presented in Table 3. The subsoils are variable across the whole site with interbedded sandy SILTS, SILTS and CLAYS present.

Table 3: Soil profile

Unit Description	Depth to Top of Layer [m]	Unit Thickness [m]	Range of SPT N Values	Range of Cone Resistance [MPa]
Firm to stiff SILT/CLAY	-	12	3 - 17	1 - 4
Very soft to soft SILT/CLAY	~12	8	0 - 4	0.5 - 3
Medium dense to dense SAND and silty SAND	~18	10	12 - 40	8 - 16
Cemented SAND and SILT	~20	Unknown. Unit exceeds investigation depth	50+	Refusal

7.1 Soil Parameters

The geotechnical soil parameters have been estimated based on the investigation data from the BH and CPT undertaken within the carpark and our experience with similar geological conditions in the vicinity. Preliminary soil parameters are summarised in Table 4

Table 4: Soil properties used for the stability assessment of the riverbank

Unit Description	Depth to Top of Layer [m]	Unit Weight, γ (kN/m ³)	Friction Angle, ϕ' (°)	Effective Cohesion, c' (kPa)
Firm to Stiff SILT/CLAY with traces of SAND	-	17	28	15
Very soft to soft SILT/CLAY	~12	16	25	6
Medium dense to dense SAND and silty SAND	~18	18	38	5
Very dense SAND and stiff SILT	~20	19	40	10

8 Geotechnical Assessment

8.1 Liquefaction Susceptibility and Damage

8.1.1 Liquefaction Definition

During an earthquake, the shear waves from the seismic event propagate upwards through the soils from the underlying bedrock. The cyclic loading caused by the shear waves induces shear stress in the soil deposits, which causes the build-up of the excess pore water pressure in soils. When the excess pore water pressure approaches the level of the overburden confining pressure, the effective strength between the soil grains of cohesionless soils, typically silts and sands, reduces significantly to almost nil. At this point liquefaction occurs when the soils lose strength and behaves as liquid.

Effects of liquefaction can include:

- Flow failure (large deformations) or lateral spreading of slopes and embankments;
- Sand boils and disruption to ground surface;
- Reduced bearing capacity for structure foundations;
- Buoyancy of buried structures and services; and,
- Subsidence of ground surface.

The definition of the Factor of Safety (FoS_{liq}) against liquefaction is a ratio of the Cyclic Resistance Ratio (CRR) to the Cyclic Stress Ratio (CSR), as detailed below:

$$FoS_{liq} = CRR/CSR$$

The CSR is the predicted cyclic shear stress induced in the soil during an earthquake (τ_h), divided by the effective overburden pressure (σ'_v). The CRR is defined as the critical CSR that may result in liquefaction in a soil.

8.1.2 Liquefaction Assessment Methodology

An assessment of liquefaction potential below the subject site area has been undertaken for both the SLS and ULS seismic events using the CPT data.

The CPT data was analysed using the 'CLiq' CPT liquefaction assessment software. The methods of Idriss & Boulanger (Boulanger & Idriss, CPT and SPT Based Liquefaction Triggering Procedures, 2014) were adopted for analysis of CPT data. Fines content was inferred from the CPT data using the Robertson & Wride method (Robertson & Wride, 1998). Liquefaction settlement was calculated using Zhang et al method (Zhang, Robertson, & Brachman, Estimating liquefaction - induced ground settlements from CPT for level ground, 2002).

8.1.3 Liquefaction Assessment, Liquefaction Induced Settlement and Lateral Spreading Results

The liquefiable layer thicknesses consider layers of significant thickness and excludes thin (<300mm), potentially liquefiable lenses surrounded by non-liquefiable denser sands that, from experience and previous work, are typically discontinuous and as such will not substantially contribute to liquefaction induced settlements.

The liquefaction assessments for vertical settlement indicates that the site could experience a maximum settlement of up to 20mm and lateral spread of up to 30mm for the ULS (IL3) seismic event. The values of settlement and lateral spread for the ULS (IL2), intermediate (for both IL2 and IL3) and SLS1 (for both IL2 and IL3) seismic events have all been assessed as being negligible. Liquefaction analysis results are summarised in Table 5. Liquefaction potential interpretations are presented in Appendix C.

Table 5: Liquefaction Effects and Analysis Results

Seismic Limit State	Indicated Thickness of Liquefiable Layers	Geotechnical Parameter Characteristic indices	
SLS1 (IL2 & IL3)	0m	Factor of Safety against Liquefaction Liquefaction Potential Index Liquefaction Severity Number	FL > 1.5* LPI = 0 LSN = 0
Intermediate 2 (IL2)	0m	Factor of Safety against Liquefaction Liquefaction Potential Index Liquefaction Severity Number	FL > 1.5* LPI = 0 LSN = 0
Intermediate 3 (IL3) and ULS 2 (IL2)	0m	Factor of Safety against Liquefaction Liquefaction Potential Index Liquefaction Severity Number	FL > 1.2* LPI = 0 LSN = 0
ULS (IL3)	10.2m – 11.5m	Factor of Safety against Liquefaction Liquefaction Potential Index Liquefaction Severity Number	FL > 1.0* LPI = 0 LSN = 0

*FL - Approximate average liquefaction triggering factor (Factor of Safety) of the liquefiable layers

Based on the assessed vertical settlement, lateral spreading and geotechnical parameter characteristic indices as presented above, the characteristics of liquefaction and its consequences have been assessed in accordance with MBIE Guidelines Module 3 – Table 5.1 General Performance Levels for Liquefied Deposits (NZGS/MBIE, 2016). The results are summarised in Table 6. The results also suggested a liquefaction resistance type foundation to mitigate liquefaction induced vertical settlement and lateral spreading risks.

Table 6: Liquefaction Characteristics & Consequences

Limit State	Performance Level	Effects from Excess Pore Pressure and Liquefaction	Characteristics of Liquefaction and Its Consequences
SLS1 (IL2 & IL3)	L0	Insignificant	No significant excess pore water pressures (no liquefaction)
Intermediate 2 (IL2)	L0	Insignificant	No significant excess pore water pressures (no liquefaction)
Intermediate 3 (IL3) and ULS 2 (IL2)	L1	Mild	Limited excess pore water pressure; negligible deformation of the ground and small settlement.
ULS (IL3)	L2	Moderate	Liquefaction occurs in layers of limited thickness (small proportion of the deposit, say 10 percent or less) and lateral extent; ground deformation results relatively small in differential settlements.

8.2 Slope stability analysis

Slope stability was modelled using SLOPE/W (GeoStudio 2021) – a computer-based model which allows for the assessment of slope stability under various conditions (seismic loading, elevated groundwater and static conditions). The slope was modelled using cross sections generated from LiDAR contours for the Hamilton City area obtained from LINZ.

Surcharges were initially modelled as being setback 7.5m from the crest of the slope simulating either a multi-storey importance level 3 (IL3) structure (e.g., a hotel) or a double storey importance level 2 (IL2) structure (e.g., residential development). Surcharges of 100kPa (approximately equivalent to a load imposed by a 7 storey building), 25kPa (approximately equivalent to a load imposed by a

2 storey building) and 15kPa (approximately equivalent to a standard 1 storey residential house) have been modelled.

For seismic analysis, a PGA of 0.28g, 0.22g, 0.11g and 0.05g were used which consistent with the ULS (IL3), ULS(IL2), Intermediate for IL3, Intermediate for IL2 and SLS1 seismic event loading conditions respectively.

A summary of the results is presented in Table 7. Output from the SLOPE/W slope stability analyses are included in Appendix D.

Table 7: Slope Analysis for Building Locates at the Slope crest

Analysis Case	Factor of Safety (FOS)			Target Factor of Safety (FOS)
	100kPa	25kPa	15kPa	
Case 1 – Static, normal basin water level (10mbgl)	0.9	0.9	0.9	1.50
Case 2 – Static, elevated basin water level (8.0mbgl)	0.9	0.9	0.9	1.25
Case 3 – Seismic ULS IL3 – 0.28g	0.7	0.7	0.7	1.0 or displacement within acceptable levels when FOS < 1.0
Case 4 – Seismic ULS-IL2 and Intermediate event (IL3) – 0.22g	0.7	0.8	0.8	1.0 or displacement within acceptable levels when FOS < 1.0
Case 5 – Intermediate event (IL2) – 0.11g	0.8	0.9	0.9	1.0 or displacement within acceptable levels when FOS < 1.0
Case 6 – Seismic SLS1 – 0.05g	0.8	0.9	0.9	1.0 or displacement within acceptable levels when FOS < 1.0

The results show that for a building located close to the slope's crest, the slope is unstable for both static and seismic load cases. An assessment of the slope lateral displacement has been undertaken based on a block analysis (W.Jibson, 2007). The predicted seismic induced lateral displacements at the slope crest for a range of seismic load cases are presented in Table 8

Table 8: Predicted Lateral Displacement

Seismic Load Cases	Surcharges (kPa)	Predicted Lateral Displacement
ULS-IL3 PGA - 0.28g	100	More than 30m
	25	2.5m
	15	1.0m
ULS-IL2 and Intermediate of IL3 PGA - 0.22g	100	20m
	25	2.0m
	15	0.5m
Intermediate of IL2 PGA - 0.11g	100	6.5m
	25	0.6m
	15	0.5m
SLS - PGA 0.05	100	2.0

Seismic Load Cases	Surcharges (kPa)	Predicted Lateral Displacement
	25	0.15m
	15	0.05m

The results show that the lateral displacement is significant for some load cases. Thus, an additional slope stability analysis has therefore been undertaken to determine an appropriate setback distance from the slope crest for the proposed building developments in order to achieve compliance with the required FOS. Table 9 details the results from the slope analysis and has identified that a minimum setback distance of 25m away from the slope crest will be required. Any development located closer than 25m from the slope crest will require specific engineered foundations to prevent lateral displacement from adversely affecting buildings. This could comprise the use of piled foundations or benching of the slope in combination with retaining walls supporting the development footprint

Table 9: Slope analysis for building at 25m setback from the slope crest

Analysis Case	Factor of Safety (FOS)			Target Factor of Safety (FOS)
	100kPa	25kPa	15kPa	
Case 1 – Static, normal basin water level (10mbgl)	1.5	1.5	1.5	1.50
Case 2 – Static, elevated basin water level (8.0mbgl)	1.5	1.5	1.5	1.25
Case 3 – Seismic ULS IL3 – 0.28g	0.9	0.9	0.9	1.0 or displacement within acceptable levels when FOS < 1.0
Case 4 – Seismic ULS-IL2 and Intermediate event (IL3) – 0.22g	1	1	1	1.0 or displacement within acceptable levels when FOS < 1.0
Case 5 – Intermediate event (IL2) – 0.11g	1.2	1.2	1.2	1.0 or displacement within acceptable levels when FOS < 1.0
Case 6 – Seismic SLS – 0.05g	1.3	1.3	0.9	1.0 or displacement within acceptable levels when FOS < 1.0

The predicted maximum lateral displacement for building locates at 25m away from the slope crest is less than 1m, which is reasonable for the foundation design of the proposed development.

8.3 Static vertical settlement

Imposed structural loadings of 100kPa, 25kPa and 15kPa have been considered for the static settlement assessment. The assessment has been undertaken using CPe-IT software programme with the logs from CPT01. CPTu data can be used to directly estimate induced settlements due to an external load. CPeT-IT uses the following simple formula (based on 1-D consolidation) to estimate vertical settlements:

$$s = q \times \sum h \times \frac{I_z}{M_{cpt}}$$

Where:

q: applied footing pressure

h: calculation layer thickness

I_z: stress reduction factor according to Boussinesq

M_{cpt}: Constrained modulus of soil layer

The results indicate that the total static settlement could range up to 350mm for a loading of 100kPa, 45mm for a loading of 25kPa and 25mm for 15kPa loading. A building footing of 25m x 25m square was assumed for the analysis.

The detailed settlement assessment is presented in Appendix E

9 Conclusions and Recommendations

Based on the conducted ground investigation and assessments, the site requires additional engineering design for foundation of the proposed development.

- Even though, the site has been assessed as having an “Insignificant to moderate vulnerability” (NZGS/MBIE, 2016), there is a slope instability risk for both static and seismic loading events.
- The predicted lateral displacement under a ULS seismic event is more than 30m, 2.5m and 1.0m for 100kPa, 25kPa and 10kPa importance level 3 buildings located at the river bank slope crest under ULS seismic loading. The predicted lateral displacement is reduced for others seismic cases, but the pattern is the same with higher lateral displacement for higher surcharge and lesser displacement for smaller surcharge loading.
- Static settlements may potentially range from 25mm to 350mm for structure loadings of 10kPa to 100kPa respectively.

Further engineering assessment and design will be required to reduce or mitigate the identified risks for the development of the site. Foundation options for the development may include the following::

- Shallow foundations will be suitable for buildings located at least 25m east of the crest of the river bank slope.;
- The adoption of geogrid reinforced gravel rafts, strengthened floor slabs or ‘waffle’ slabs to reduce the risk of damage due to differential settlements.;
- Benching of the river bank slope incorporating a retaining wall to support the development footprint to the east;
- The use of a piled shear wall (or similar) within the slope;
- Piled foundation options for buildings located less than 25m from the slope crest could include the use of ground anchors or soil nails for the stabilisation of the slope in combination with piled foundations for the buildings;
- For larger multi storey buildings, piled foundations may be required extending through the very soft to soft cohesive soils into the underlying dense and weakly cemented cohesionless soils at depth.

Due to the variability of the subsoils across the whole of the site, further geotechnical investigations are recommended in advance of the detailed design of foundations

10 Risk Summary Table

Item No.	Geo – Hazard	Likelihood	Risk Description	Mitigation Measures
1	Liquefaction	Yes - “Insignificant” for SLS seismic event. - “Mild” for ULS (IL2) seismic event. - “Moderate” for ULS (IL3) seismic event	- Liquefaction is not a high risk at this site. Under ULS (IL3) seismic loading, liquefaction only occurs in a thin layer with negligible liquefaction induced settlement. The predicted liquefaction induced lateral spread in accordance with Cliq is 35mm.	- Even though liquefaction and liquefaction induced risk for this site is “Insignificant to Moderate”, replacement and/or compaction of loose subsoils will be required for the development.
2	Slope Stability	Yes - Slope instability for both static, SLS, ULS (IL2) and ULS (IL3) seismic case.	- The site is next to the Waikato River. The slope angle is between 35° to 40° with a height of approximately 21m above the river level. Development near to slope crest may potentially experience instability. - Lateral displacement caused by slope instability in seismic case for development in proximity to the slope crest ranges between 0.5m to 6m for SLS and ULS seismic events respectively.	- Engineering foundation design is highly recommended. - Any development less than 25m away from the crest is recommended to have either pile foundation, sheet pile wall or anchor at the slope face to mitigate the slope instability risk

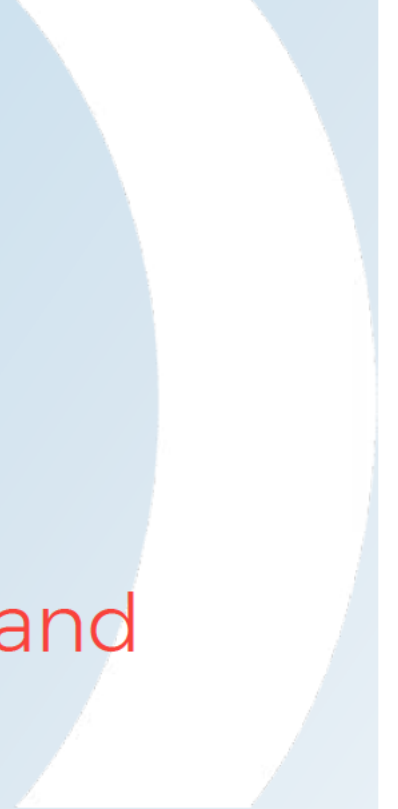
Item No.	Geo – Hazard	Likelihood	Risk Description	Mitigation Measures
3	Lateral Variability	Yes	- The soils of the Hinuera formation are extremely variable in grading both laterally and vertically as is common with braided fan deposits. This can cause differential settlement for the building structure.	- Foundations should be designed by a suitably qualified and experienced practitioner to relevant codes and practices. Consider variability during foundation design, vigilance for additional variability during construction.
4	Underground Services	Possibly	- Given the proposed development is located on an existing carpark site, contaminated land and redundant buried services maybe present. Risk of live services strike during excavation or any earthwork activities.	- Vigilance during excavation, due diligence and consider services scanning prior to excavation or any earthwork activities.
5	Uncontrolled Fill	Yes	- Given the proposed development is located on an existing carpark site with undetermined historical usage, there is the potential for the presence of uncontrolled fill of variable thickness beneath the site. Fill materials have been noted to be present within the nearby CPT and borehole located adjacent to Claudelands Bridge	- Foundations should be designed by a suitably qualified and experienced practitioner to relevant codes and practices. Consider potential for variable ground during foundation design. Vigilance for identification of unknown ground conditions during construction.

Item No.	Geo - Hazard	Likelihood	Risk Description	Mitigation Measures
6	Soft Compressible/ Expansive Soil	Yes	- The subsoil layers contain silts, clays and minor sands to a depth of up to 18m below ground level (bgl). A very soft to soft SILT/CLAY layer is present at depths between 12m bgl and 18mbgl. There is therefore the potential for static settlement of up to 350mm for c100kPa applied loadings (multi-storey structures) whilst for residential structures with imposed loads of c 25kPa settlements may extend up to 35mm.	- Foundation should be designed by a suitably qualified and experienced practitioner to relevant codes and practices. Consider piled foundations for high applied foundation loads (multi-storey structures). - Adopt foundation type or ground improvement method that can mitigate the vertical/ differential static settlement risk (e.g. Geogrid reinforced gravel raft/ strengthened ground floor slabs/ waffle slabs)
7	Groundwater depth and seasonal variation	Yes	- Although groundwater levels could not be ascertained by the CPT testing, perched water has been identified within the adjacent boreholes at a depth of approximately 10m below ground level. The river level is located some at 20m below the level of the car park. The regional ground water level may therefore be expected to be at a considerable depth below the current car park level.	- Need to confirm potential seasonal variations in both perched and regional groundwater levels for detail design - For the purpose of liquefaction and slope stability analysis, consideration should be given to the presence of a perched ground water level at a depth of 10mbgl.

Item No.	Geo – Hazard	Likelihood	Risk Description	Mitigation Measures
8	Active Faults	Yes	- The nearest active fault is the Kerepehi fault which is situated approximately 43km east of the subject site.	- Refer to Liquefaction Risk detailed in Item No. 1. - Foundation should be designed by a suitably qualified and experienced practitioner to relevant codes and practices.
9	Available/Related Reports	-	WSP – Opus reports prepared for Claudelands Bridge East Abutment - Factual Report HA16/033 - Geotechnical Design Requirements HA17/037 - Preliminary Geotechnical Assessment HA16/021	-

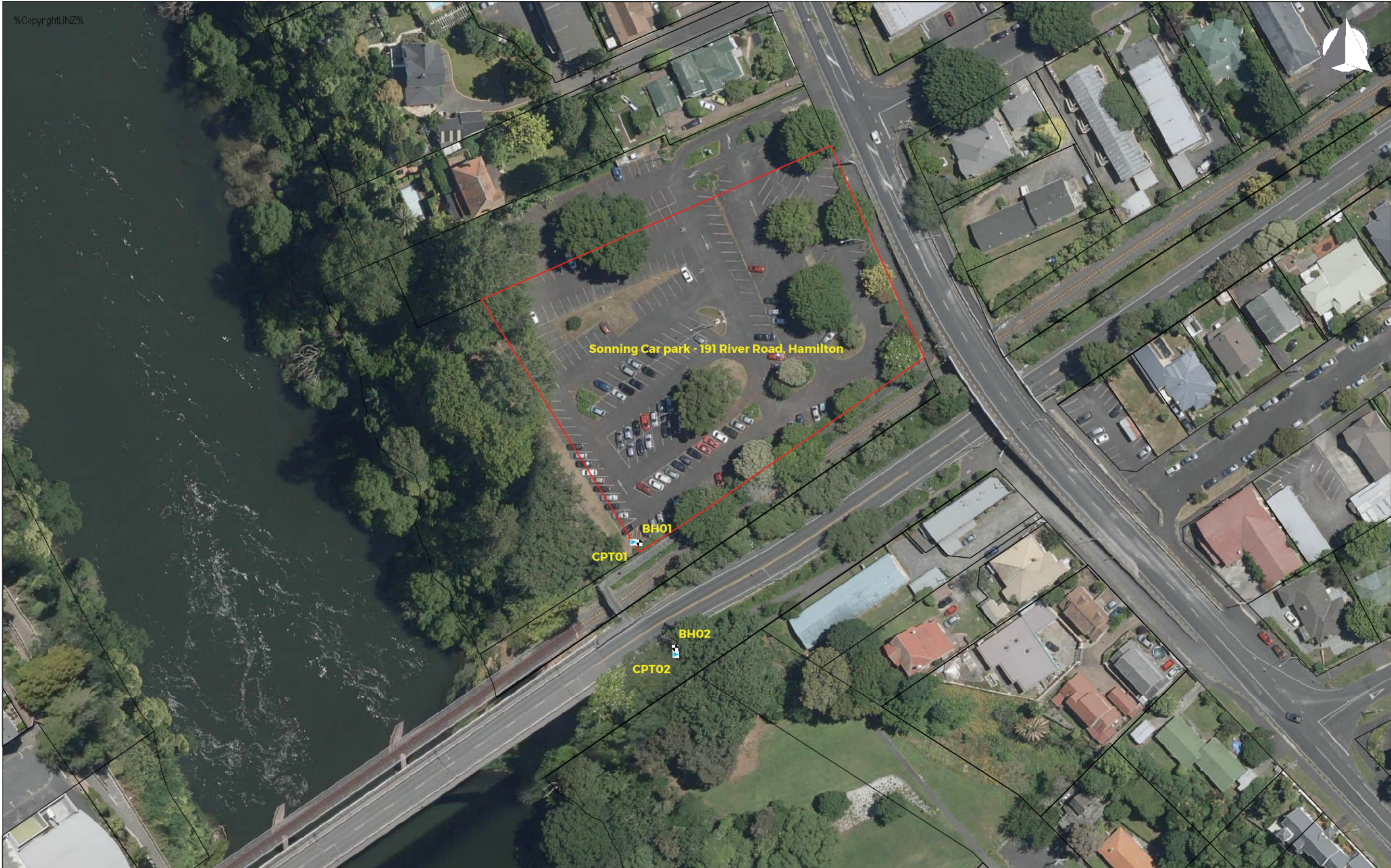
11 References

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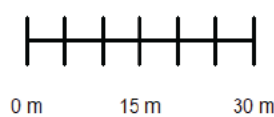
Appendix A

Site Location, Ground Investigation Location and Geological Map



Project: Sonning Carpark Development

Scale 1:1000 Datum: NZGD2000
Projection: New Zealand Transverse Mercator 2000



Add Legend Here

Site Location Plan

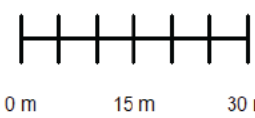


Sonning Carpark - 191 River Road, Hamilton



Project: Sonning Car park development

Scale 1:1000 Datum: NZGD2000
Projection: New Zealand Transverse Mercator 2000



Add Legend Here

Site Location Plan

Appendix B

Ground Investigation Logs

**CPT
TEST REPORT**



Client : **Hamilton City Council**
Project : **Claudlands Bridge**
Location : **Claudlands Rd - Hamilton**
Hole Number: **1**
Tested by : **J Kavanaugh/ J Bergman**
Date tested : **27/06/16**
Coordinates : **E: 1801115**
N: 5815716
EL: 44

Water level : **EOH - Dipped - Collapsed dry @ 1.4m**

Project No : **2-32499.05**
Lab Ref No : **HA227**
Client Ref No :

Test Results

Start Time	10:18:00
Time at penetration	10:43:01
End Time	00:25:01
Reference level	0
Ground level	0
Predrill	2.8
Penetration Depth	28.04
Remarks	Refusal 10t.
GPS Type	Garmin eTrex 20
GPS Accuracy	+ / - 3m
GPS Reference Grid	NZTM
GPS Datum	MSL
Rig Type	GeoMil Panther 100/ Flex 200
Rig ID	CPT03
Reaction Force	Dead weight 10/22 tonnes
Data Acquisition (Digitizer)	GeoMil GME500
Acquisition Program	GeoMil CPTest
Reporting Program	GeoMil CPTask
Cone Type	C10 (10 Tonne Compression)
Cross Sectional Area	10cm2
Cone Area Ratio	0.8
Fluid Type	Silicone Fluid
Friction Reducer	0.55m behind base of cone
Application Class (ISO 22476-1)	1
Test Type (ISO 22476-1)	TE2 (Measured Cone and Sleeve)
Back Fill Method	Bentonite
Observations During Testing	None

Date tested : 27/06/16

Date reported : 27/06/16

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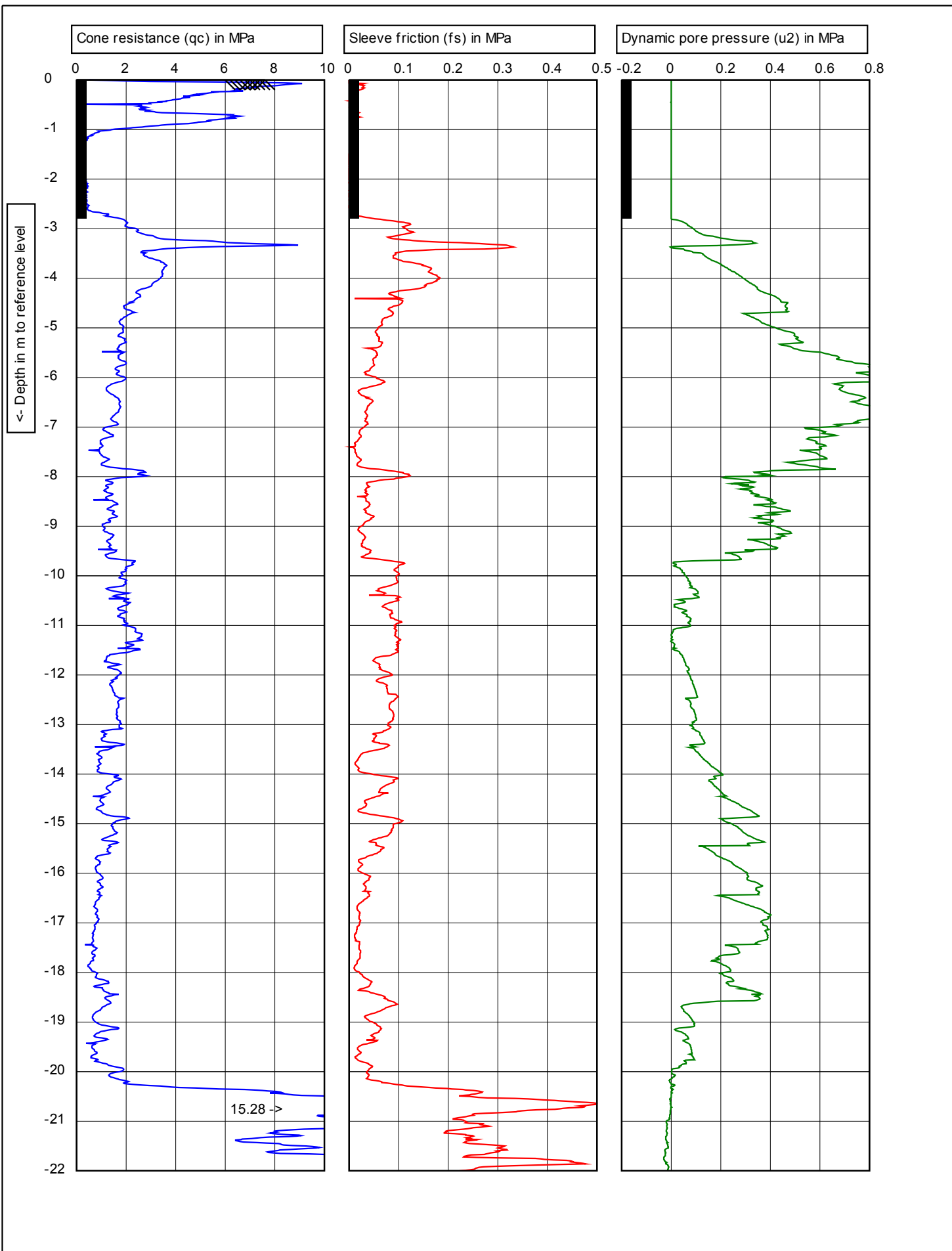
IANZ Approved Signatory

Designation : *CPT North Island Manager*

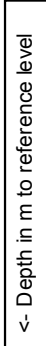
Date : 27/06/16



Tests indicated as
not accredited are
outside the scope
of the laboratory's
accreditation



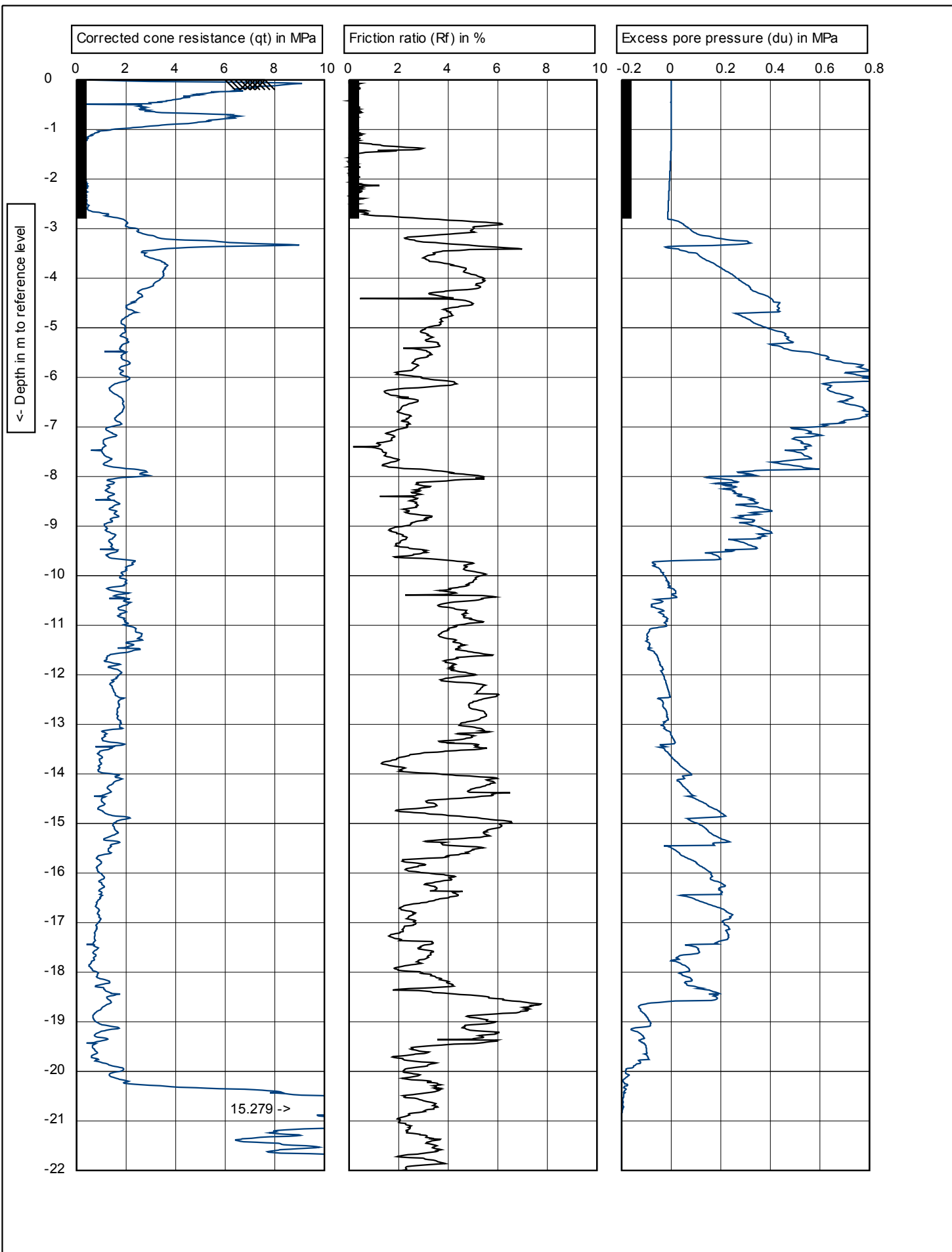
 Graphs on this page are not IANZ accredited	Test according ASTM D5778-12 & ISO 22476-1:2012		Predrill: 2.80 m Predrilled	
	G.L.: 0.00 m MSL		Date: 27/06/2016	
	Project: Claudlands Bridge		Cone no.: C10CFIIP.C15211	
	Location: Claudlands Rd - Hamilton		Project no.: 2-32499.05_HA227	
	Position: 1801115, 5815716 NZTM		CPT no.: 01	1/12



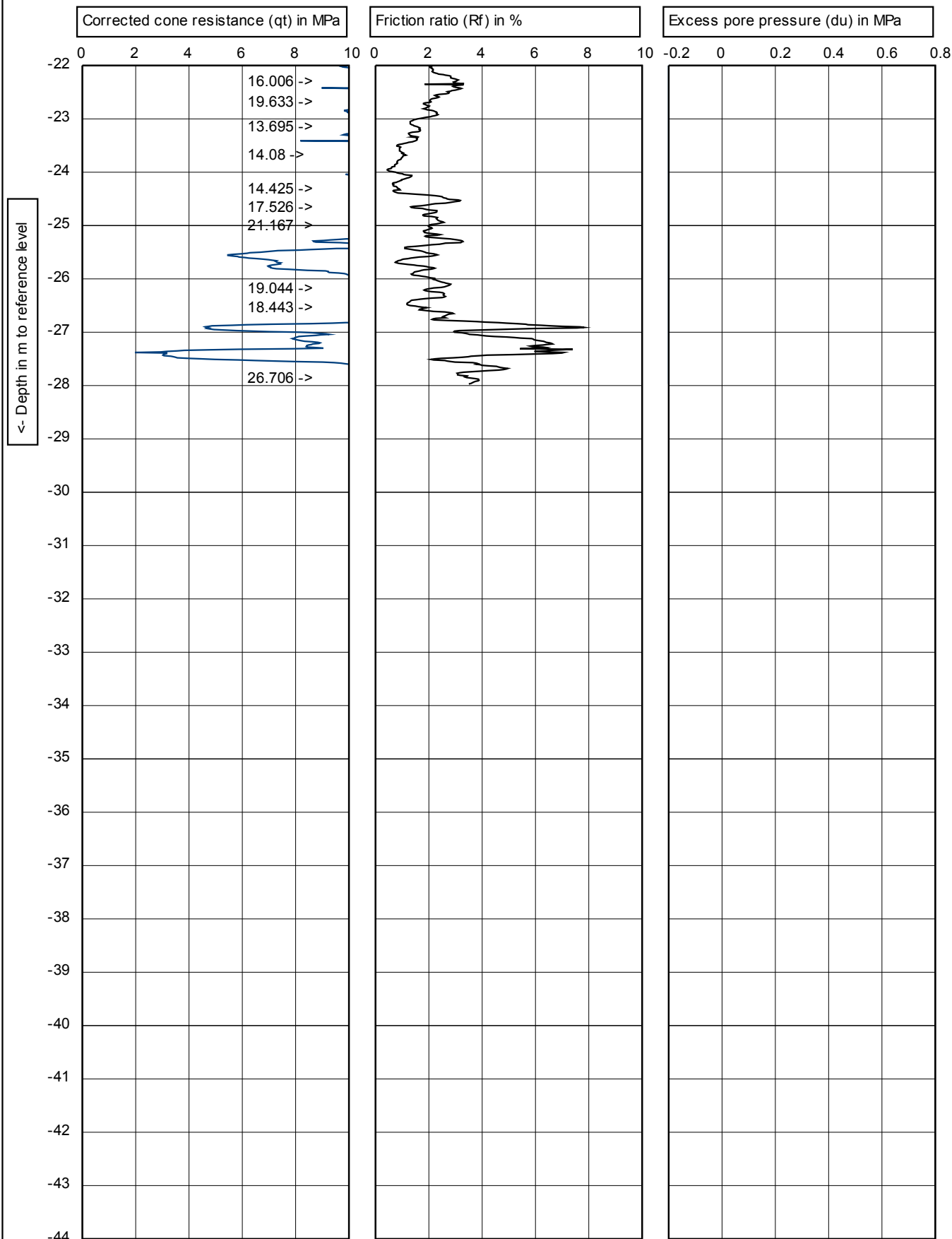
EOH - Dipped - Collapsed dry @ 1.4m

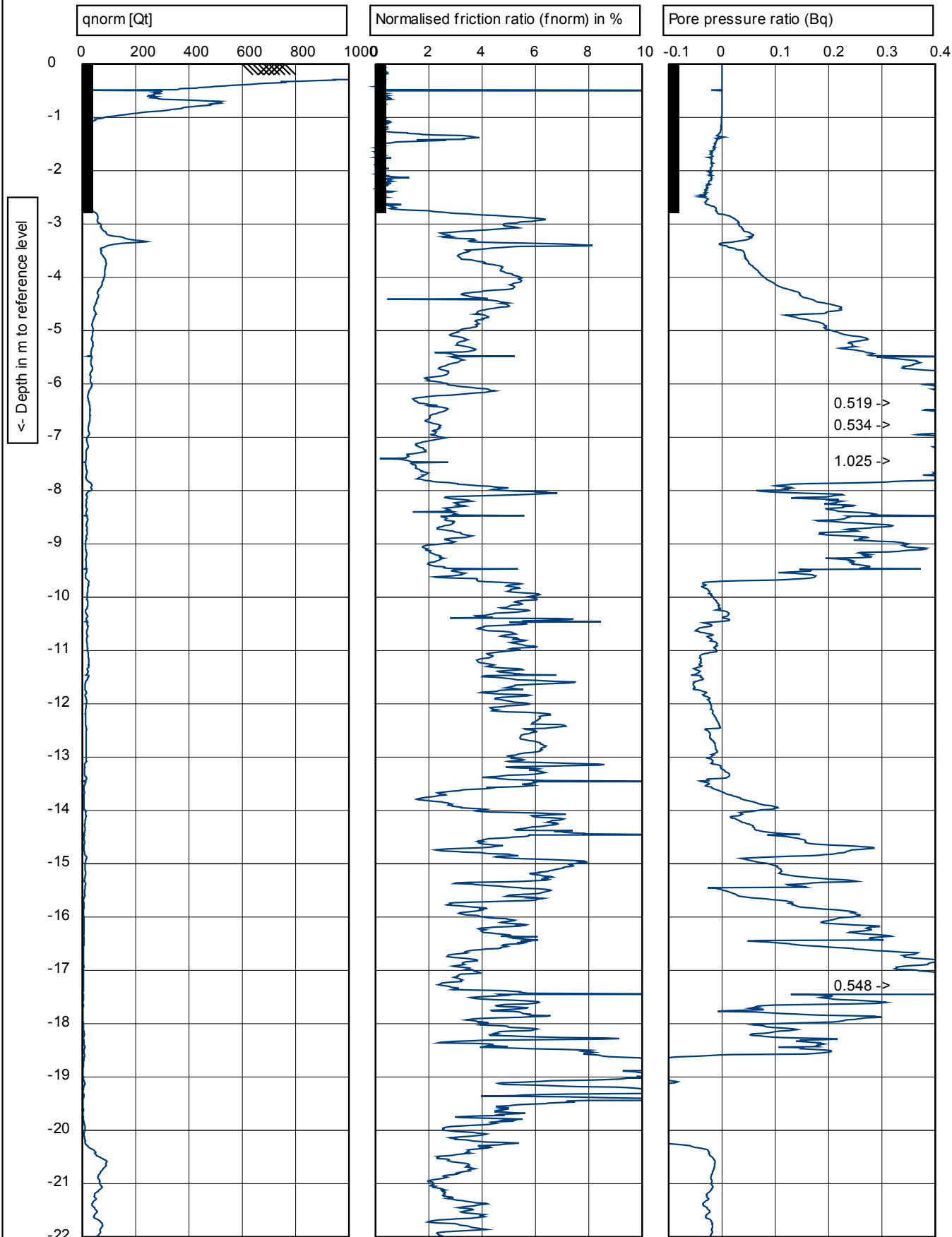


Position: **1801115, 5815716 NZTM**

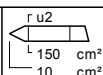


 OPUS Graphs on this page are not IANZ accredited		Test according ASTM D5778-12 & ISO 22476-1:2012		Predrill: 2.80 m Predrilled		
		G.L.: 0.00 m MSL		W.L.: -1.40 m		Date: 27/06/2016
	Project: Claudlands Bridge				Cone no.: C10CFIIP.C15211	
	Location: Claudlands Rd - Hamilton				Project no.: 2-32499.05_HA227	
	Position: 1801115, 5815716 NZTM				CPT no.: 01	
					3/12	





Graphs on this page are not IANZ accredited



Test according ASTM D5778-12 & ISO 22476-1:2012

G.L.: 0.00 m MSL

W.L.: -1.40 m

Predrill: 2.80 m Predrilled

Date: 27/06/2016

Cone no.: C10CFIIP.C15211

Project no.: 2-32499.05_HA227

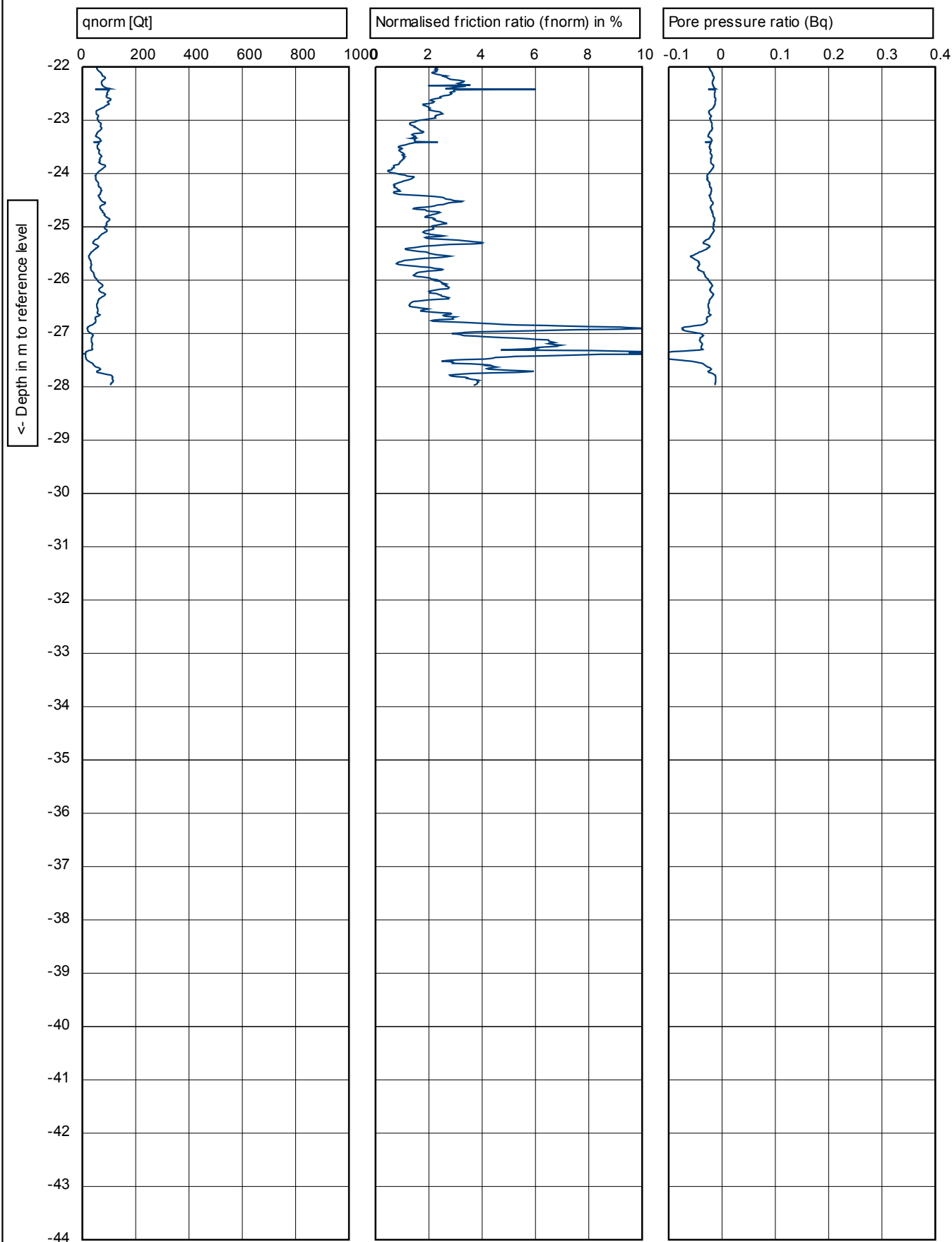
CPT no.: 01

5/12

Project: Claudelands Bridge

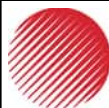
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Position: 1801115, 5815716 NZTM

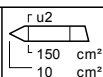


Refusal 10t.

EOH - Dipped - Collapsed dry @ 1.4m



Graphs on this page are not IANZ accredited



Test according ASTM D5778-12 & ISO 22476-1:2012

G.L.: 0.00 m MSL

W.L.: -1.40 m

Predrill:	2.80 m Predrilled
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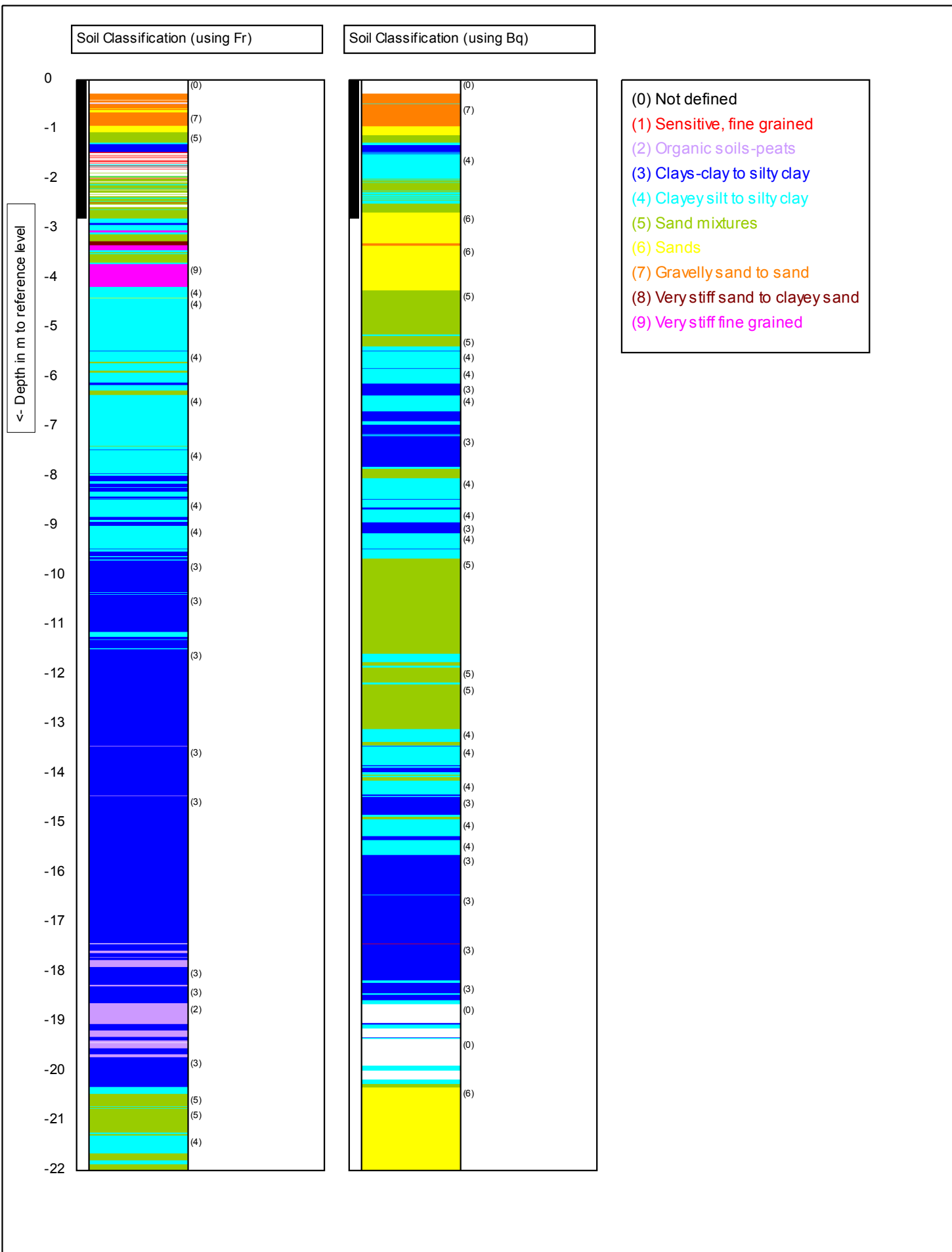
Date:	27/06/2016
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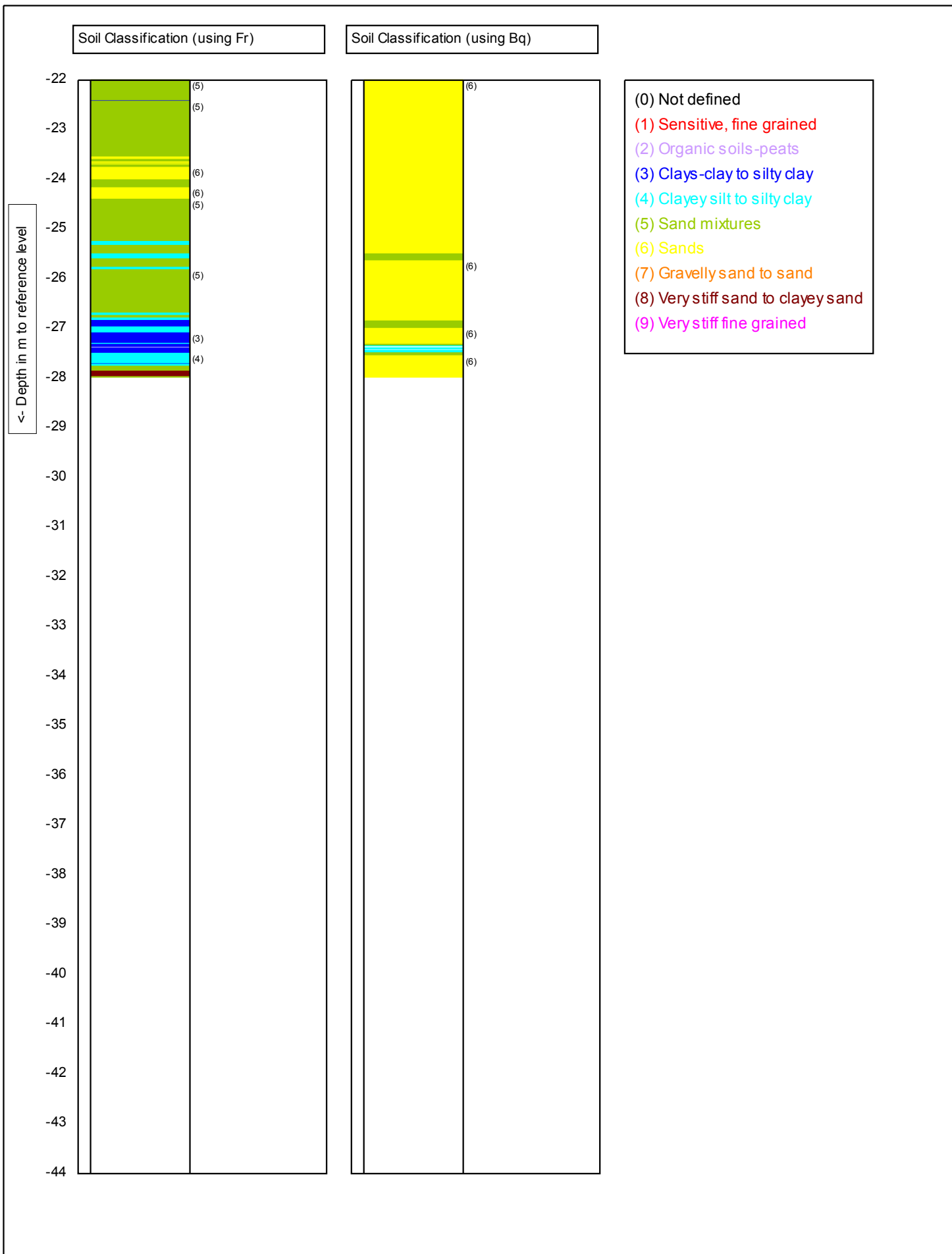
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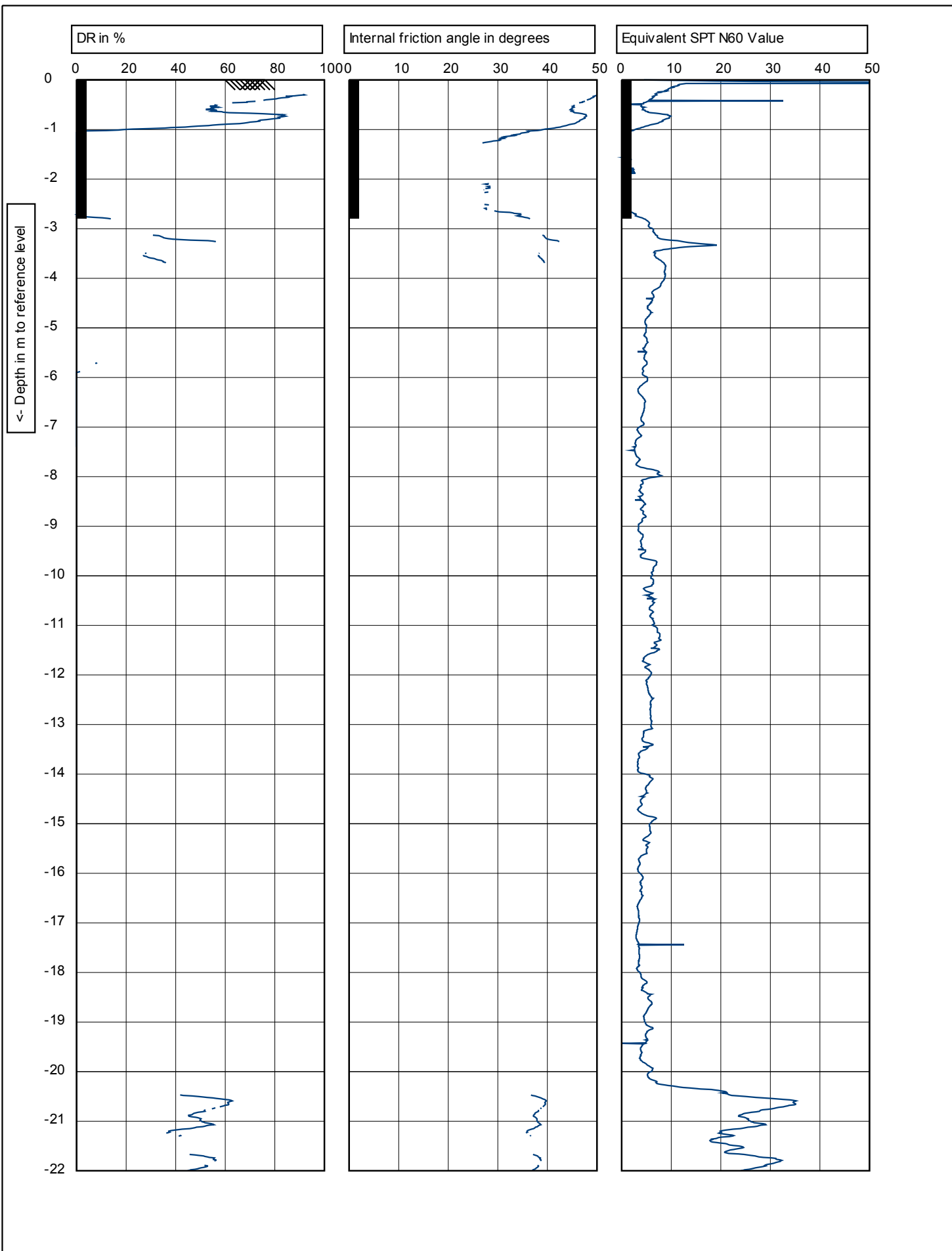
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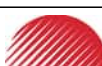
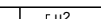
CPT no.:	01
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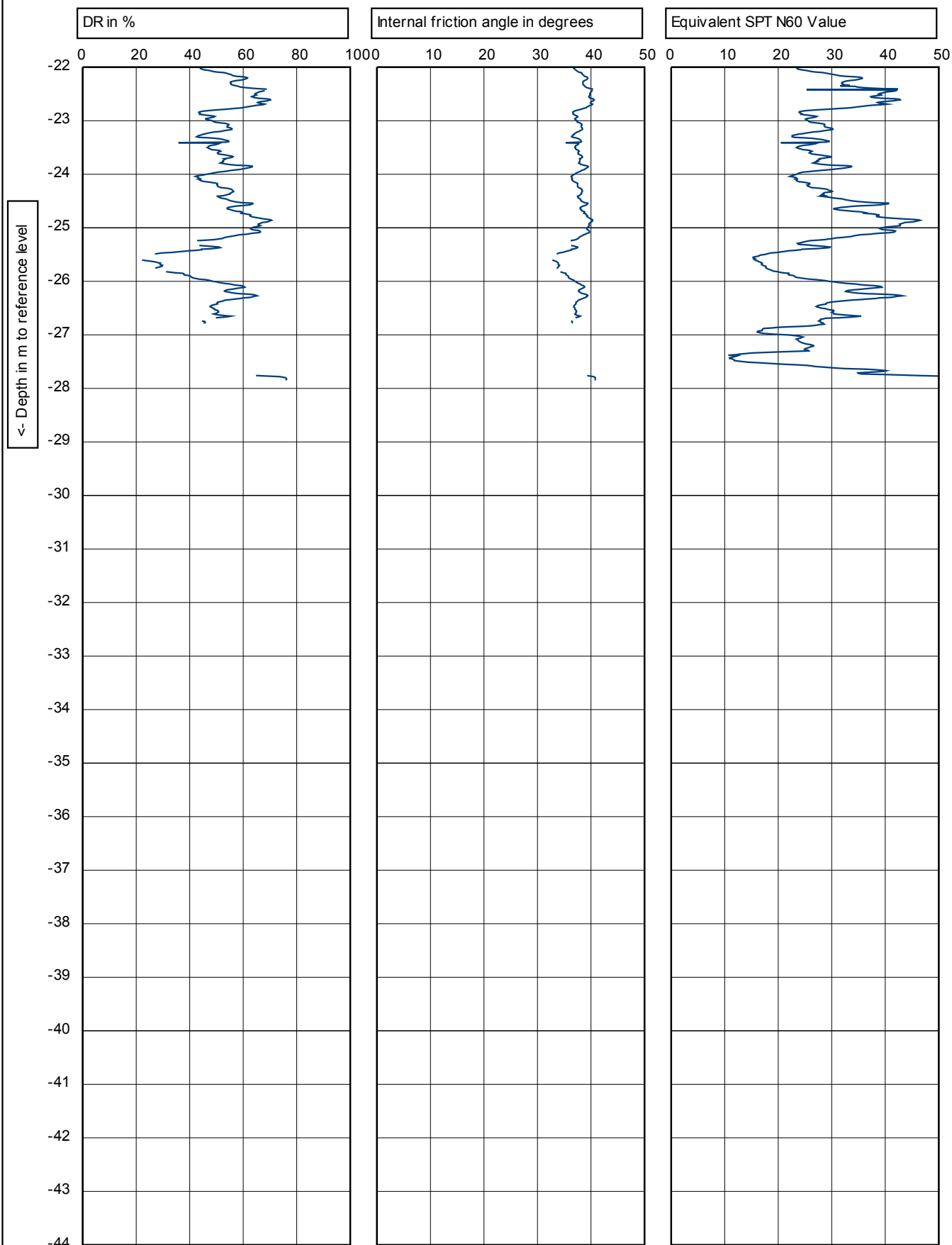
6/12







 OPUS Graphs on this page are not IANZ accredited		Test according ASTM D5778-12 & ISO 22476-1:2012		Predrill: 2.80 m Predrilled		
		G.L.: 0.00 m MSL		W.L.: -1.40 m		Date: 27/06/2016
	Project: Claudelands Bridge				Cone no.: C10CFIIP.C15211	
	Location: Claudelands Rd - Hamilton				Project no.: 2-32499.05_HA227	
	Position: 1801115, 5815716 NZTM				CPT no.: 01	



Refusal 10t.

EOH - Dipped - Collapsed dry @ 1.4m



Graphs on this page are not IANZ accredited

Diagram of a pencil with a triangular eraser, a rectangular body, and a trapezoidal sharpened end. The rectangular body has a length of 150 cm and a cross-sectional area of 10 cm².

Test according ASTM D5778-12 & ISO 22476-1:2012

G.L.: 0.00 m MSL

W.L.: -1.40 m

Predrill:	2.80 m Predrilled
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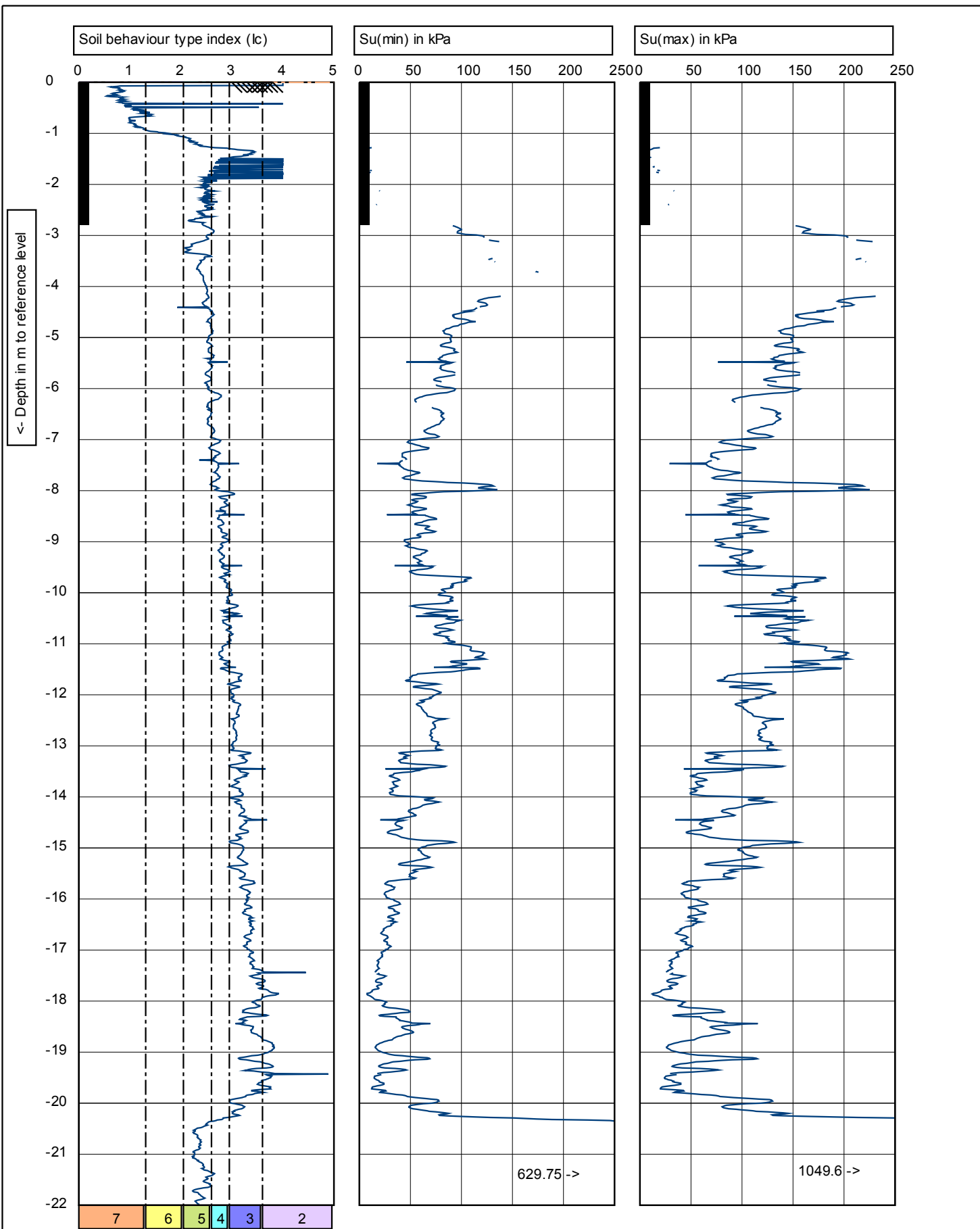
Date:	27/06/2016
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Cone no.: **C10CFIP.C15211**

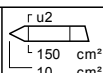
Project no.: **2-32499.05_HA227**

CPT no.:	01
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10/12



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Test according ASTM D5778-12 & ISO 22476-1:2012

G.L.: 0.00 m MSL

W.L.: -1.40 m

Project: Claudelands Bridge

Location: Claudelands Rd - Hamilton

Position: 1801115, 5815716 NZTM

Predrill: 2.80 m Predrilled

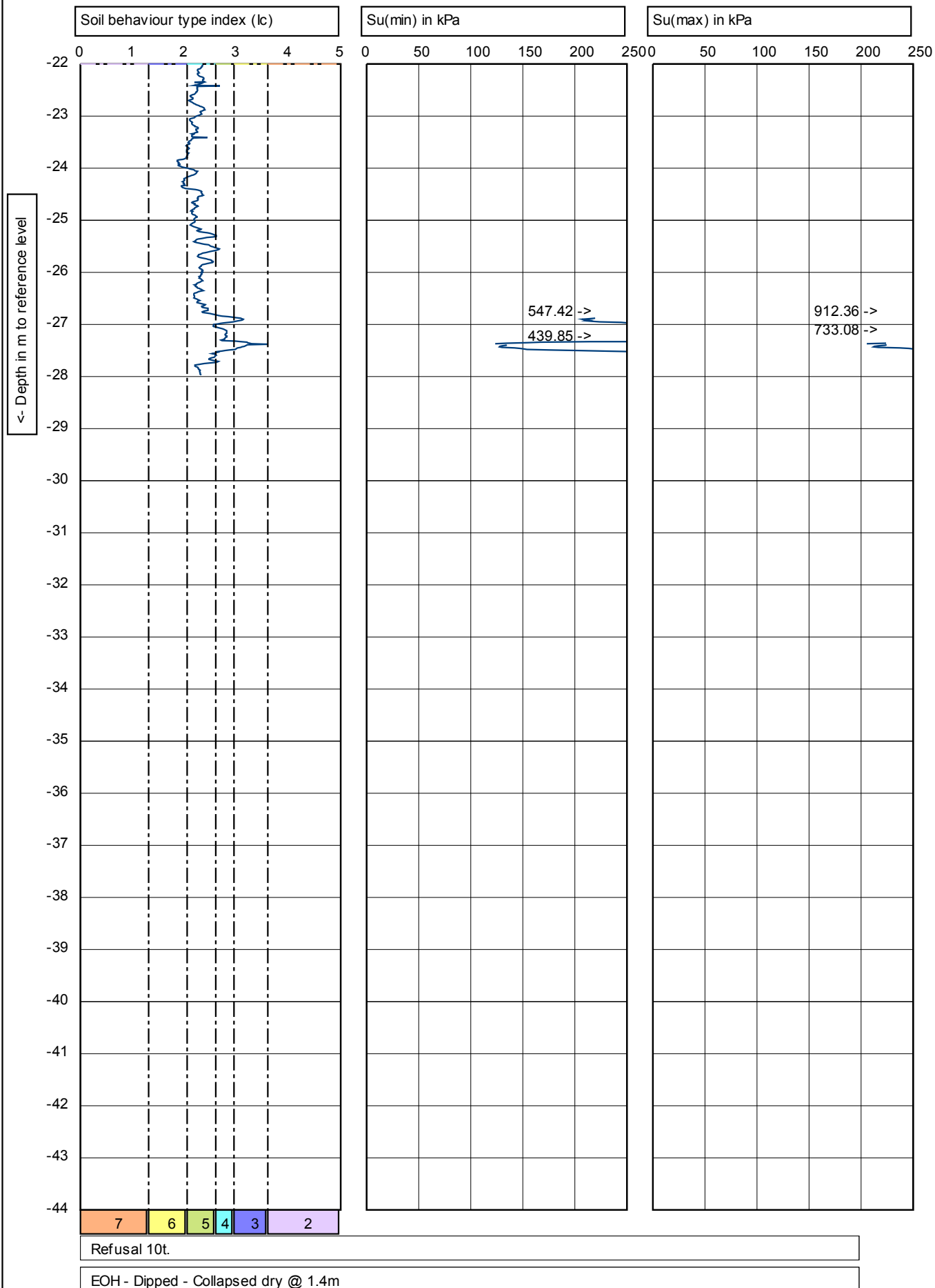
Date: 27/06/2016

Cone no.: C10CFIIP.C15211

Project no.: 2-32499.05_HA227

CPT no.: 01

11/12



**CPT
TEST REPORT**



Client : **Hamilton City Council**
 Project : **Claudlands Bridge**
 Location : **Claudlands Rd - Hamilton**
 Hole Number: **2**
 Tested by : **J Kavanaugh/ J Bergman**
 Date tested : **27/06/16**
 Coordinates : **E: 1801125**
 N: 5815687
 EL: 42

Water level : **EOH - Dipped - Collapsed dry @ 1.9m**

Project No : **2-32499.05**
 Lab Ref No : **HA227**
 Client Ref No :

Test Results

Start Time	09:15:00
Time at penetration	09:33:45
End Time	00:18:45
Reference level	0
Ground level	0
Predrill	2.6
Penetration Depth	20.76
Remarks	Refusal 10t.
GPS Type	Garmin eTrex 20
GPS Accuracy	+ / - 3m
GPS Reference Grid	NZTM
GPS Datum	MSL
Rig Type	GeoMil Panther 100/ Flex 200
Rig ID	CPT03
Reaction Force	Dead weight 10/22 tonnes
Data Acquisition (Digitizer)	GeoMil GME500
Acquisition Program	GeoMil CPTtest
Reporting Program	GeoMil CPTask
Cone Type	C10 (10 Tonne Compression)
Cross Sectional Area	10cm2
Cone Area Ratio	0.8
Fluid Type	Silicone Fluid
Friction Reducer	0.55m behind base of cone
Application Class (ISO 22476-1)	1
Test Type (ISO 22476-1)	TE2 (Measured Cone and Sleeve)
Back Fill Method	Bentonite
Observations During Testing	None

Date tested : 27/06/16

Date reported : 27/06/16

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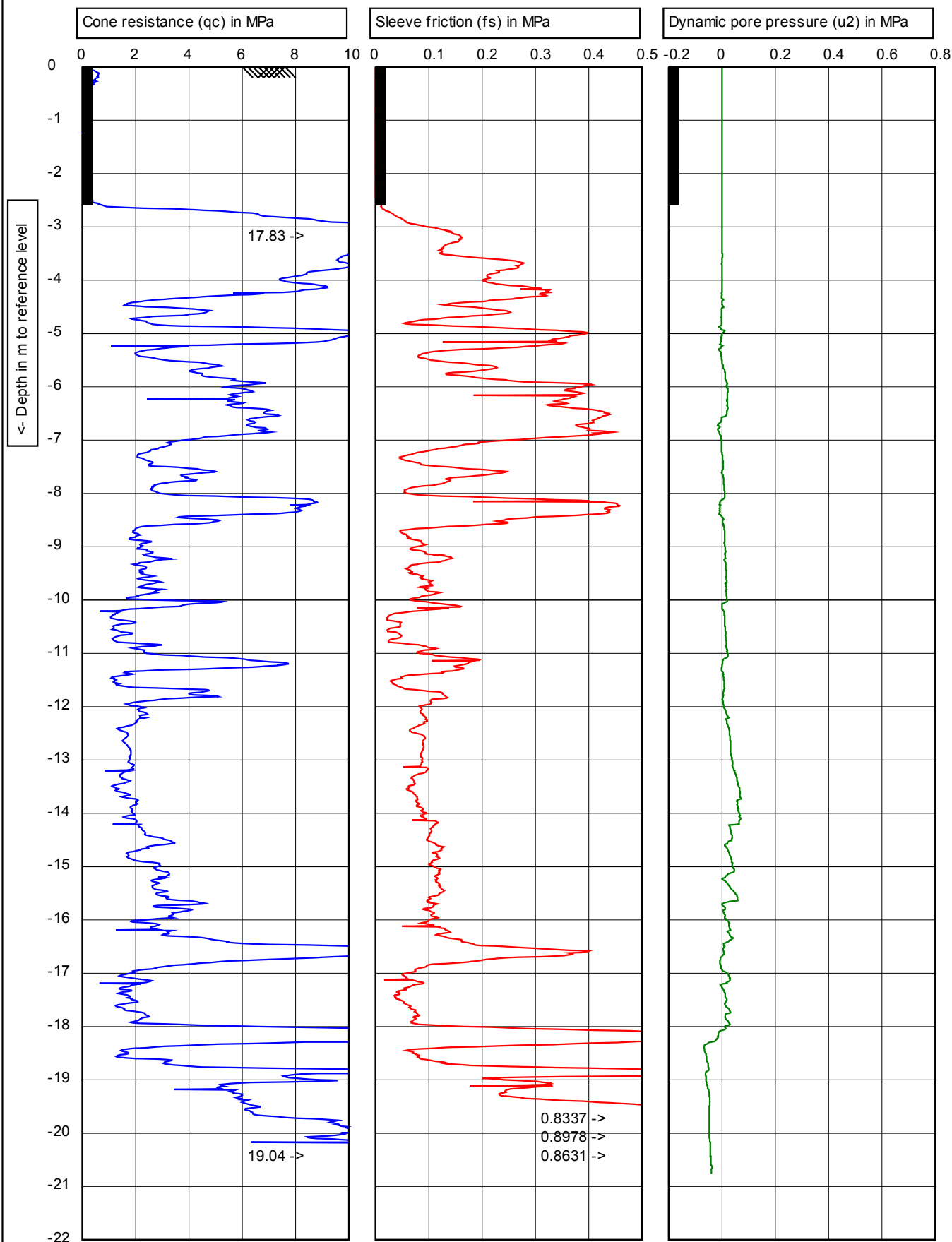
IANZ Approved Signatory

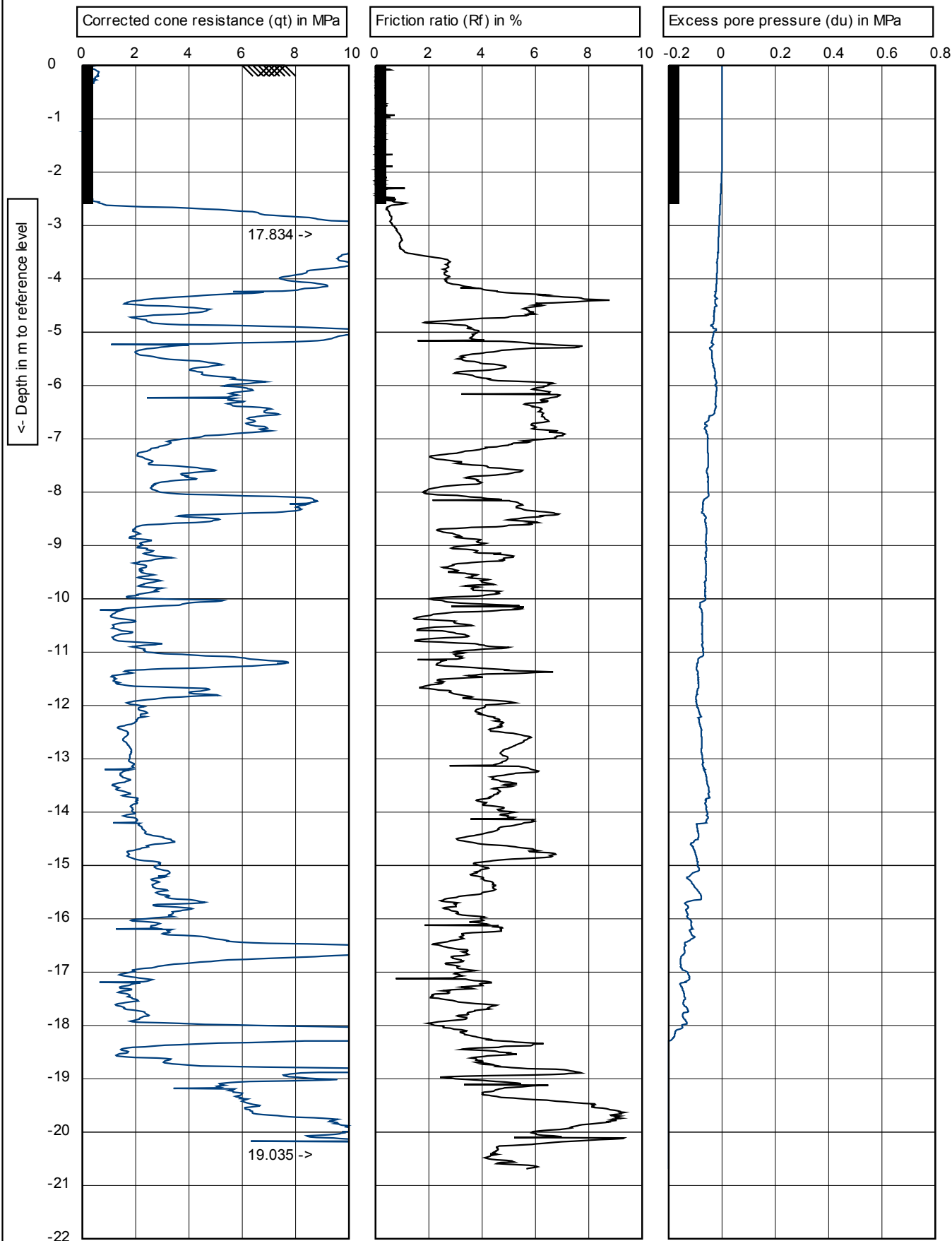
Designation : *CPT North Island Manager*

Date : 27/06/16



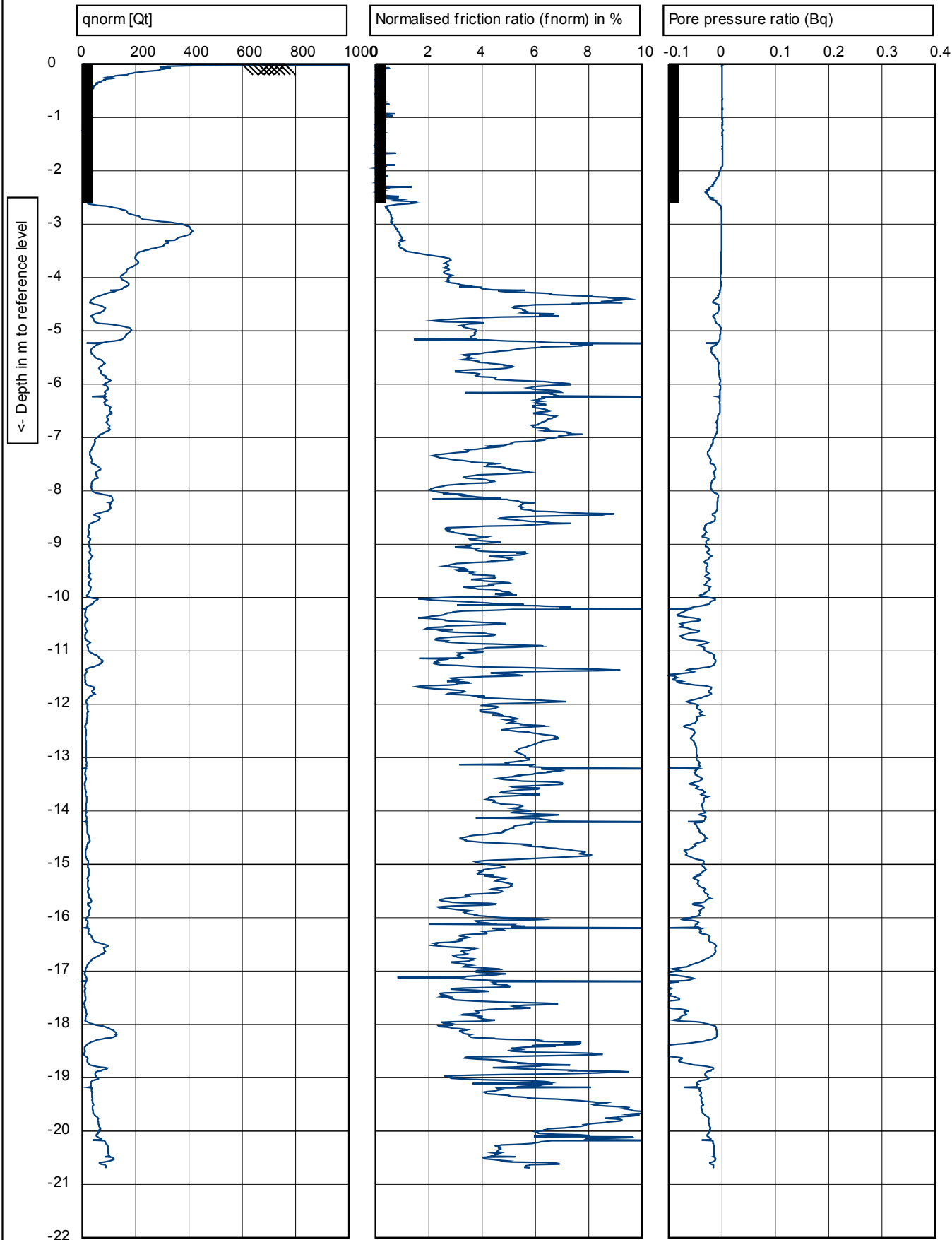
Tests indicated as
not accredited are
outside the scope
of the laboratory's
accreditation





Refusal 10t.

Position: **1801125, 5815687 NZTM**



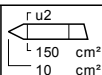
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EOH - Dipped - Colapsed dry @ 1.9m



OPUS

Graphs on this page are not IANZ accredited



Test according ASTM D5778-12 & ISO 22476-1:2012

G.L.: 0.00 m MSL

W.L.: -1.90 m

Predrill: **2.60 m Predrilled**

Date: **27/06/2016**

Cone no.: **C10CFIIP.C15211**

Project no.: **2-32499.05_HA227**

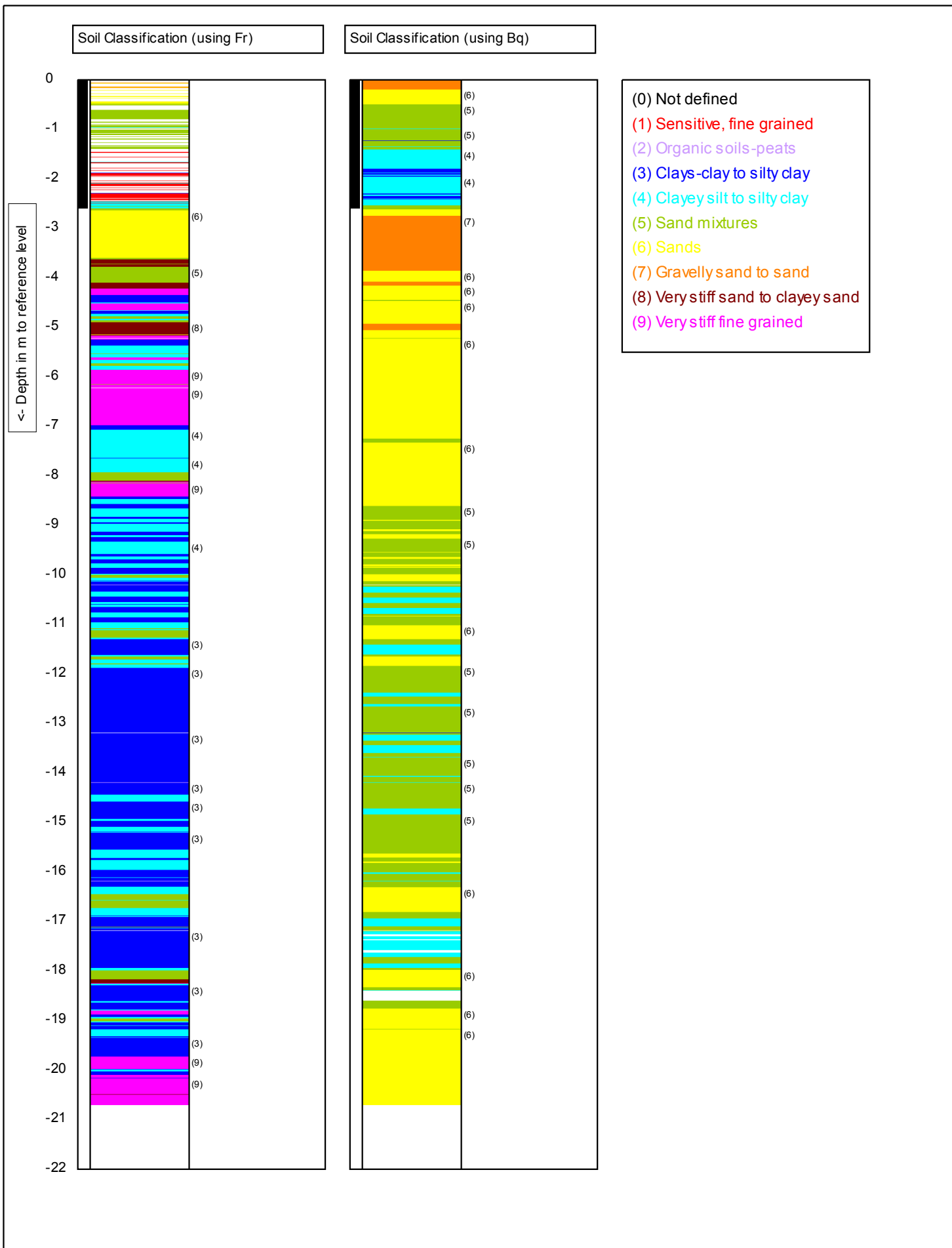
CPT no.: **02**

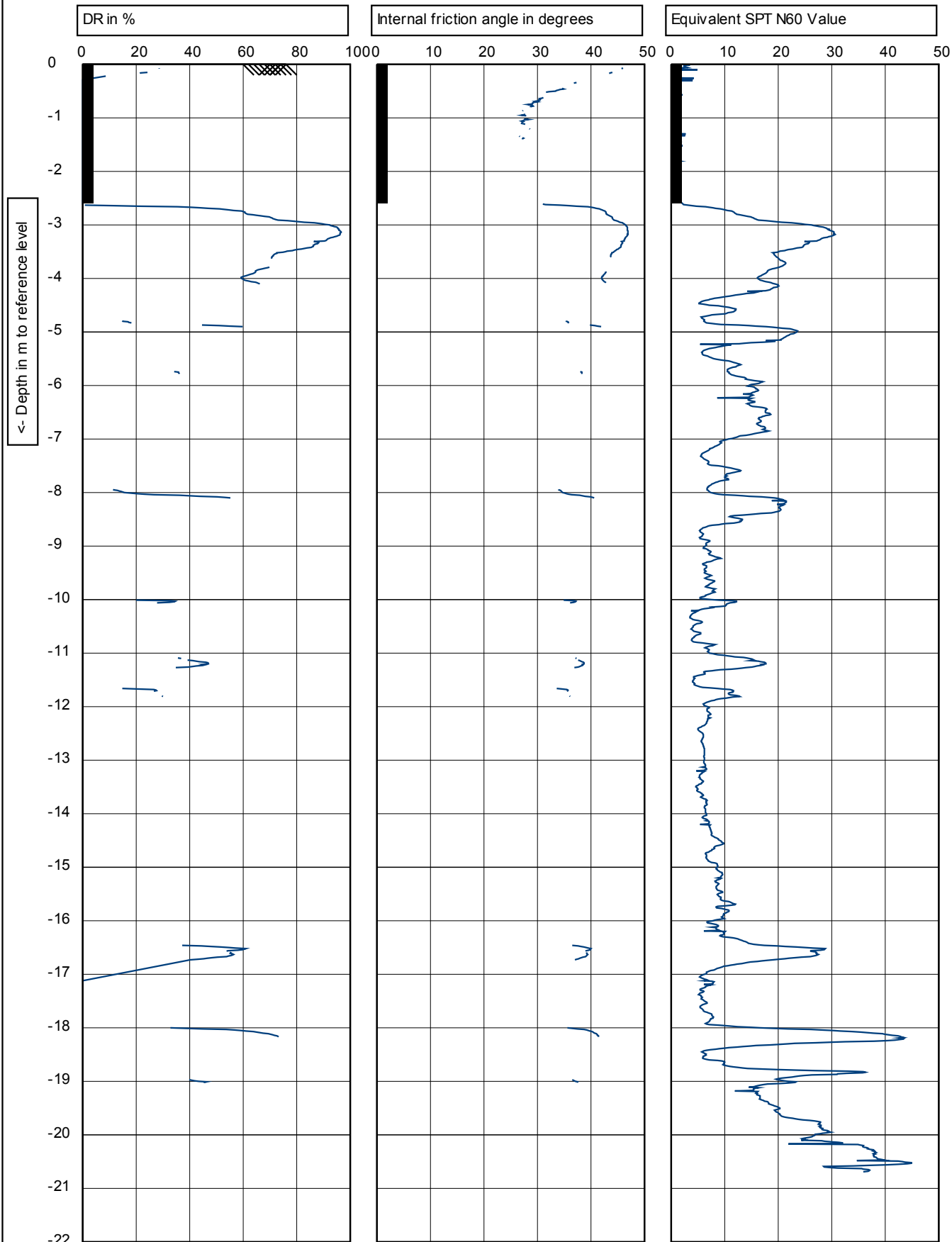
3/6

Project: **Claudeland Bridge**

Location: **Claudeland Rd - Hamilton**

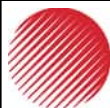
Position: **1801125, 5815687 NZTM**





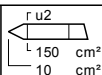
Refusal 10t.

EOH - Dipped - Colapsed dry @ 1.9m



OPUS

Graphs on this page are not IANZ accredited



Test according ASTM D5778-12 & ISO 22476-1:2012

G.L.: 0.00 m MSL

W.L.: -1.90 m

Predrill: 2.60 m Predrilled

Date: 27/06/2016

Cone no.: C10CFIIP.C15211

Project no.: 2-32499.05_HA227

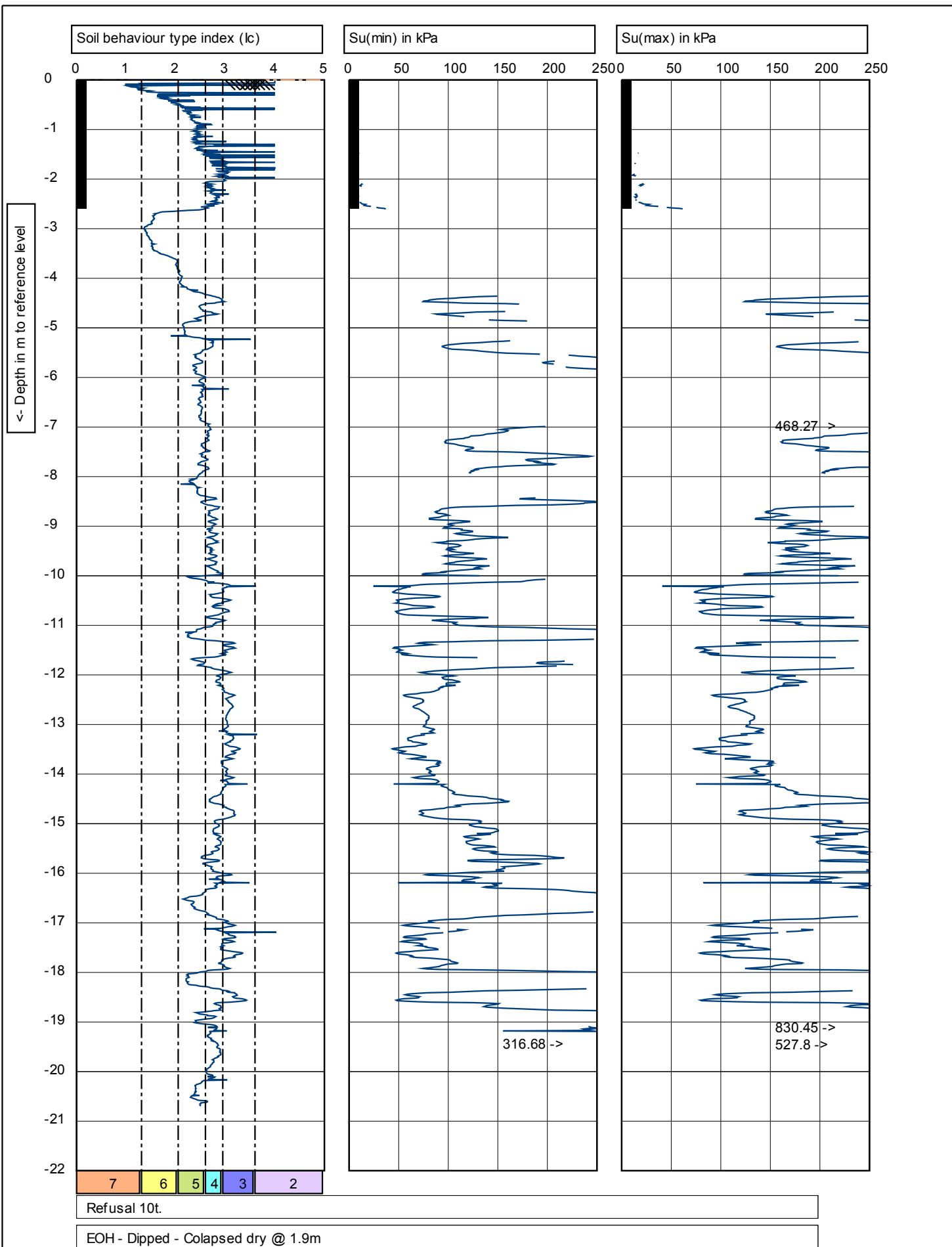
CPT no.: 02

5/6

Project: Claudelands Bridge

Location: Claudelands Rd - Hamilton

Position: 1801125, 5815687 NZTM



Project: Claudelands Bridge Life Plan
Client: Hamilton City Council
Project No.: 2-32499.05
Location: East abutment, north side.
 Claudelands Bridge, Hamilton

Coordinates: 1801115 E 5815716 N
Ref. Grid: NZTM **Depth:** 30.2 m
R.L.: Approx. 38 m **Inclination:** Vertical
Datum:

GEOLOGY	MAIN DESCRIPTION / DETAIL DESCRIPTION	R.L. (m)	DEPTH (m)	GRAPHIC LOG	TESTS		CORE		DRILLING		NOTES / OTHER TESTS	INSTALLATION DETAILS
					SPT N° VALUE	SPT BLOW COUNTS OR SHEAR VALUE	CORE TYPE	TOTAL CORE RECOVERY (%)	DRILLING METHOD	CASING		
	Vacuum cleared to 2.8m - no recovery						VC	0				
	Clayey SILT with minor sand; light brown. Stiff; moist. Pumiceous. From 2.86m, mottled white.		1									
	From 3.10m, dark brown organic inclusions.		2									
	Silty CLAY with minor sand; dark brown. Stiff.		3				HQ	133				
	Silty CLAY with some gravel, minor sand; dark brown. Gravel, medium, subangular.		3.6				SPT	111				
	From 3.47m, minor gravel.		4				HQ	79				
	SILT with minor sand; light brown, mottled red. Firm; sand, quartz.		3.4									
	From 4.06m, some medium gravels, subangular.		4									
	SILT with some sand and trace gravel; light brown. Firm to stiff; moist; moderately plastic; sand, pumiceous; gravel, fine to medium, weathered.		5				HQ	110				
	From 5.83m, trace to minor sand.		6				SPT	78				
	SILT with minor sand; light brown. Firm.		7				HQ	97				
	From 6.90m, trace sand.		8				SPT	98				
	SILT with minor sand; light brown. Very soft.		9				HQ	74				
	At 7.98m, becoming soft to firm with trace gravel; gravel fine, weathered, pumiceous.		10				SPT	80				
	From 8.32m, some sand.		11				HQ	114				
	Sandy SILT with minor gravel; light brown, black speckled. Firm; gravel, fine, highly weathered.		12									
	From 9.42m to 9.50m, saturated ('sloppy').		13									

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 10.7m

Started: 20/06/2016
Drilling Co.: Perry Geotech
Logged by: E Jacobs

Finished: 20/06/2016
Drilling Rig: Tractor
Checked by: S Cooke

Project: Claudelands Bridge Life Plan
 Client: Hamilton City Council
 Project No.: 2-32499.05
 Location: East abutment, north side.
 Claudelands Bridge, Hamilton

Coordinates: 1801115 E 5815716 N
 Ref. Grid: NZTM
 R.L.: Approx. 38 m
 Datum:
 Depth: 30.2 m
 Inclination: Vertical

GEOLOGY	MAIN DESCRIPTION / DETAIL DESCRIPTION	R.L. (m)	DEPTH (m)	GRAPHIC LOG	TESTS		CORE		DRILLING		NOTES / OTHER TESTS	INSTALLATION DETAILS
					SPT N° VALUE	SPT BLOW COUNTS OR SHEAR VALUE	CORE TYPE	TOTAL CORE RECOVERY (%)	DRILLING METHOD	CASING		
	SILT with trace sand; light brown. Firm; wet; slightly plastic; black organic streaks, very closely spaced. (continued) From 10.02m, brownish white. From 10.20, light brownish white, sensitive.					SV: 25/0 kPa	HQ	114				
	From 10.70m, trace to minor organic streaks and blobs.						PT	54				
		11			4	3// 1/2/0/1	SPT	58				
							HQ	113				
	From 12.31m to 12.41m, very soft, saturated.	26	12		2	0// 1/0/0/1	SPT	80				
							HQ	100				
		13			1	SV: 57/6 kPa 0// 0/1/0/0	SPT	138				
	SILT with some sand; brownish white. Very soft, wet to saturated, slightly plastic.	24	14				HQ	87				
	SILT with trace sand; light brownish white. Very soft; saturated; slightly plastic; sensitive.											
	From 15.53m to 15.58m, 'sloppy'.	15			0	1// 0/0/0/0	SPT	127				
							HQ	92				
		22	16		0	0// 0/0/0/0	SPT	100				
							HQ	24				
		17										
		20	18				PT	100				
	SILT; light orange. Soft to firm.											
	At 18.74, black thin lamination, tephra?											
	SILT with trace sand; light brownish white. Firm.		19				HQ	108				
						SV: 12/0 kPa 0// 0/0/0/0	SPT	100				
		18			0		HQ	73				

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 10.7m

Started: 20/06/2016
 Drilling Co.: Perry Geotech
 Logged by: E Jacobs

Finished: 20/06/2016
 Drilling Rig: Tractor
 Checked by: S Cooke

Project: Claudelands Bridge Life Plan
 Client: Hamilton City Council
 Project No.: 2-32499.05
 Location: East abutment, north side.
 Claudelands Bridge, Hamilton

Coordinates: 1801115 E 5815716 N
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GEOLOGY	MAIN DESCRIPTION / DETAIL DESCRIPTION	R.L. (m)	DEPTH (m)	GRAPHIC LOG	TESTS		CORE		DRILLING		NOTES / OTHER TESTS	INSTALLATION DETAILS
					SPT N° VALUE	SPT BLOW COUNTS OR SHEAR VALUE	CORE TYPE	TOTAL CORE RECOVERY (%)	DRILLING METHOD	CASING		
	SILT with trace sand; light brownish white. Firm, (continued) At 20.02m, some fine to medium pumiceous sand; minor weathered gravel, black. At 20.11m, orange staining, possible fracture/joint. Sandy SILT with minor gravel; greyish white. Firm; sand, fine to coarse, pumiceous, breaks down to silt; gravel, fine, pumiceous, subrounded. Silty fine to coarse SAND with some gravel, light grey. Medium dense; gravel, fine to medium, subrounded, pumice. From 20.86m, trace coarse gravel.		21		16	4// 3/3/5/5	HQ	73				
	SILT with minor sand; grey. Soft; wet; moderately plastic; sand, fine, pumiceous. Sandy SILT with trace gravel; grey. Firm; moist; moderately plastic; sand, fine to coarse, pumiceous; gravel, fine to medium, sub-rounded. Gravelly SAND with some silt; grey, iron staining on fissures. Well graded; non plastic; gravel, fine to medium, subrounded.		16 22				HQ	91				
	Silty SAND; grey. Medium dense; moist; non plastic; well graded; pumiceous. Fissure, iron stained.				32	6// 6/10/8/8	SPT	71				
	At 22.70m, fissure, iron stained. Sandy SILT; brown, mottled black/white. Soft to very soft; wet to saturated; sand, fine to medium; joint, iron staining. SILT with minor sand; brownish grey. Soft; wet; plastic; sand, fine. Sandy SILT with some gravel; brownish grey. Sand, fine to coarse, well graded, pumiceous; gravel, fine. Silty fine to coarse SAND with some gravel; grey. Well graded; gravel, fine to medium. Fine to coarse SAND, minor to some silt, some gravel; grey. Well graded; gravel, fine to medium.		23				HQ	93				
	Sandy SILT with minor gravel. Soft; wet; sand, fine to coarse, pumiceous; gravel, fine. Gravelly sandy SILT; light brownish grey. Soft; non plastic; sand, fine to coarse; gravel, fine to medium.		14 24		26	8// 5/8/6/7	SPT	78				
	Gravelly SAND with some silt; grey. Non plastic; well graded; pumiceous; gravel, fine to medium, pumiceous. From 24.96m, very thinly to thinly bedded; orange staining. Silty fine SAND; grey, orange and brown colour bedding. Medium dense; moist; non plastic. Bedding thin; dark brown inclusions. Silty fine SAND with minor to medium coarse sand and trace gravel; grey. Gravel, fine to medium; pumiceous.		25				HQ	95				
	Gravelly SAND with minor silt; grey. Gravel, fine to medium, pumiceous. Silty fine SAND; grey, orange mottled. Moist; non plastic; poorly graded. Silty fine to coarse SAND with minor to some gravel; grey, orange mottled. Well graded; gravel, pumiceous. Silty sandy fine to coarse GRAVEL; grey. Highly to completely weathered. Silty fine SAND; grey. Moist; non plastic; poorly graded.		12 26		17	10// 5/4/4/4	SPT	60				
	SILT with minor sand; light brownish orange. Soft to firm; moist to wet; moderately plastic; sand, fine. Silty fine SAND with trace gravel; grey, brown mottled. Moist; non plastic; gravel, fine, weathered. Silty fine to coarse SAND with minor to some gravel; grey, mottled orange. Moist; non plastic; well graded; gravel, fine to medium, subrounded. Silty fine to medium SAND with trace coarse sand and trace gravel; grey. Moist; non plastic; gravel, fine.		10 28		40	17// 12/7/10/11	SPT	71				
	SILT with some sand; grey. Soft; moist; moderately plastic; sand, fine. Silty fine SAND; grey. Moist; non plastic.		29				HQ	111				
	At 29.47m, thin silty fine to coarse SAND bed. At 29.55m, reddish brown inclusions, then thinly dark grey and greyish orange colour bedded.		8		Ref		SPT	26				

Backfilled with sand

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 10.7m

Started: 20/06/2016
 Drilling Co.: Perry Geotech
 Logged by: E Jacobs

Finished: 20/06/2016
 Drilling Rig: Tractor
 Checked by: S Cooke

Project: Claudelands Bridge Life Plan
Client: Hamilton City Council
Project No.: 2-32499.05
Location: East abutment, north side.
 Claudelands Bridge, Hamilton

Coordinates: 1801115 E 5815716 N
Ref. Grid: NZTM **Depth:** 30.2 m
R.L.: Approx. 38 m **Inclination:** Vertical
Datum:

GEOLOGY	MAIN DESCRIPTION / DETAIL DESCRIPTION	R.L. (m) DEPTH (m)	GRAPHIC LOG	TESTS		CORE		DRILLING		NOTES / OTHER TESTS	INSTALLATION DETAILS
				SPT N° VALUE	SPT BLOW COUNTS OR SHEAR VALUE	CORE TYPE	TOTAL CORE RECOVERY (%)	DRILLING METHOD	CASING		
	Silty fine SAND; grey. Moist; non plastic. (continued)		x	Ref	18// 11/27/12 for 40mm	SPT	26			10.70m	
	END OF BOREHOLE AT 30.2m - Target Depth Reached										
		31									
		6 32									
		33									
		4 34									
		35									
		2 36									
		37									
		0 38									
		39									
		-2									

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 10.7m

Started: 20/06/2016
Drilling Co.: Perry Geotech
Logged by: E Jacobs

Finished: 20/06/2016
Drilling Rig: Tractor
Checked by: S Cooke

Project: Claudelands Bridge Life Plan
 Client: Hamilton City Council
 Project No.: 2-32499.05
 Location: East abutment, north side.
 Claudelands Bridge, Hamilton

Coordinates: 1801115 E 5815716 N
 Ref. Grid: NZTM
 R.L.: Approx. 38 m
 Datum:
 Depth: 30.2 m
 Inclination: Vertical

PHOTOGRAPHS

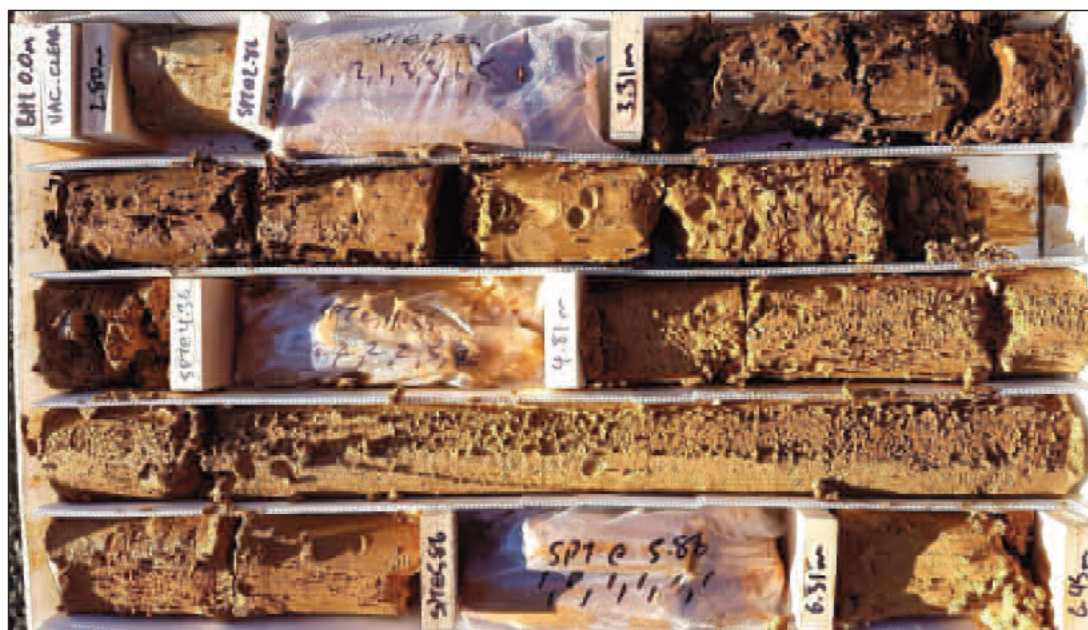


Photo BH1.1
 Box 1: 0.00m to 6.45m

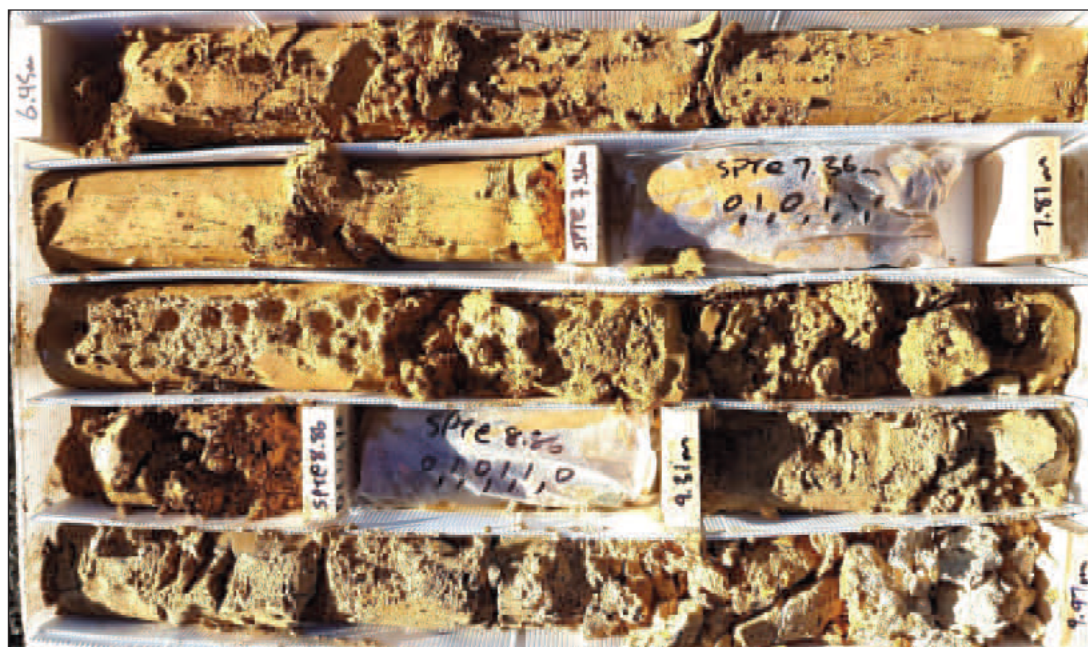


Photo BH1.2
 Box 2: 6.45m to 9.97m

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 10.7m

Started: 20/06/2016
 Drilling Co.: Perry Geotech
 Logged by: E Jacobs

Finished: 20/06/2016
 Drilling Rig: Tractor
 Checked by: S Cooke

Project: Claudelands Bridge Life Plan
 Client: Hamilton City Council
 Project No.: 2-32499.05
 Location: East abutment, north side.
 Claudelands Bridge, Hamilton

Coordinates: 1801115 E 5815716 N
 Ref. Grid: NZTM
 R.L.: Approx. 38 m
 Datum:
 Depth: 30.2 m
 Inclination: Vertical

PHOTOGRAPHS



Photo BH1.3
 Box 3: 9.97m to 14.03m



Photo BH1.4
 Box 4: 14.03m to 18.77m

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 10.7m

Started: 20/06/2016
 Drilling Co.: Perry Geotech
 Logged by: E Jacobs

Finished: 20/06/2016
 Drilling Rig: Tractor
 Checked by: S Cooke

Project: Claudelands Bridge Life Plan
 Client: Hamilton City Council
 Project No.: 2-32499.05
 Location: East abutment, north side.
 Claudelands Bridge, Hamilton

Coordinates: 1801115 E 5815716 N
 Ref. Grid: NZTM
 R.L.: Approx. 38 m
 Datum:
 Depth: 30.2 m
 Inclination: Vertical

PHOTOGRAPHS



Photo BH1.5
 Box 5: 18.77m to 22.81m

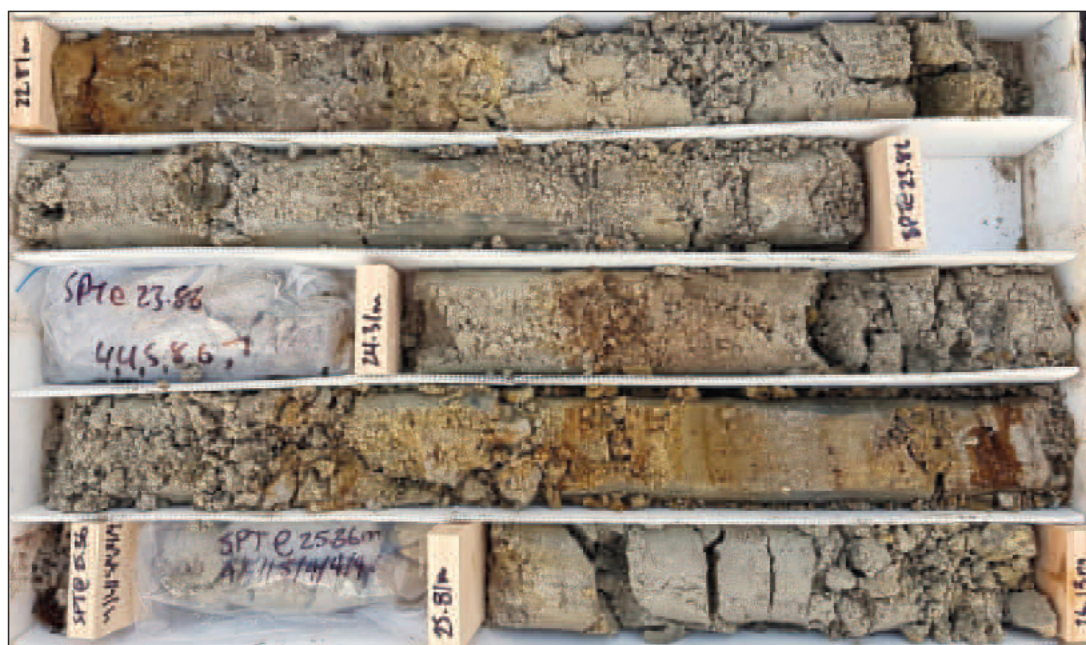


Photo BH1.6
 Box 6: 22.81m to 26.13m

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 10.7m

Started: 20/06/2016
 Drilling Co.: Perry Geotech
 Logged by: E Jacobs

Finished: 20/06/2016
 Drilling Rig: Tractor
 Checked by: S Cooke

Project: Claudelands Bridge Life Plan
 Client: Hamilton City Council
 Project No.: 2-32499.05
 Location: East abutment, north side.
 Claudelands Bridge, Hamilton

Coordinates: 1801115 E 5815716 N
 Ref. Grid: NZTM
 R.L.: Approx. 38 m
 Datum:
 Depth: 30.2 m
 Inclination: Vertical

PHOTOGRAPHS



Photo BH1.7
 Box 7: 26.13m to 29.33m

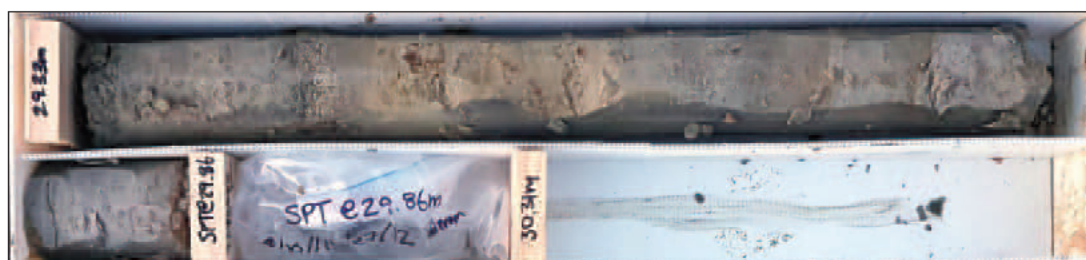


Photo BH1.8
 Box 8: 29.33m to 30.20m EoBH

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 10.7m

Started: 20/06/2016
 Drilling Co.: Perry Geotech
 Logged by: E Jacobs

Finished: 20/06/2016
 Drilling Rig: Tractor
 Checked by: S Cooke

Project: Claudelands Bridge Life Plan
Client: Hamilton City Council
Project No.: 2-32499.05
Location: East abutment, north side.
 Claudelands Bridge, Hamilton

Coordinates: 1801115 E 5815716 N
Ref. Grid: NZTM
R.L.: Approx. 38 m
Datum:
Depth: 30.2 m
Inclination: Vertical

PHOTOGRAPHS



Photo BH1.9
 Site looking westward towards Claudelands Bridge



Photo BH1.10
 Site view from footbridge over carpark

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 10.7m

Started: 20/06/2016
Drilling Co.: Perry Geotech
Logged by: E Jacobs

Finished: 20/06/2016
Drilling Rig: Tractor
Checked by: S Cooke

Project: Claudelands Bridge Life Plan
Client: Hamilton City Council
Project No.: 2-32499.05
Location: East abutment, south side.
 Claudelands Bridge, Hamilton

Coordinates: 1801125 E 5815687 N
Ref. Grid: NZTM
R.L.: Approx. 37 m
Datum:
Depth: 30.315 m
Inclination: Vertical

GEOLOGY	MAIN DESCRIPTION / DETAIL DESCRIPTION	R.L. (m)	DEPTH (m)	GRAPHIC LOG	TESTS		CORE		DRILLING		NOTES / OTHER TESTS	INSTALLATION DETAILS
					SPT N° VALUE	SPT BLOW COUNTS OR SHEAR VALUE	CORE TYPE	TOTAL CORE RECOVERY (%)	DRILLING METHOD	CASING		
	Hand cleared to 1.5m. Mixture of fill and backfill material, not logged or retained.						HA	0		HW casing installed to 1.5m		
	Organic SILT with some sand and minor gravel; dark brown. Very soft; saturated; moderately plastic; sand, fine to coarse; gravel, fine to coarse.		1									
	SILT with some sand and minor gravel; brown. Soft; moist; plastic; sand, fine to coarse; gravel, fine.		2				HQ	73				
	Fine SAND with some silt; brownish grey. Non plastic; poorly graded; thin to moderately thin bedding, organic fibres in joints. From 2.16m, orange staining, dark brown specs.											
	Fine to medium SAND with minor coarse sand and minor silt; grey, orange speckled. Medium dense; poorly graded; very thin to thin bedding.											
	Silty fine SAND; grey. Moist; moderately plastic; poorly graded.		3		27	5// 4/9/7/7	SPT	76				
	Sandy SILT with minor gravel; grey. Sand, fine to coarse; gravel, fine, quartz.											
	Fine SAND with minor to some silt; brownish grey, mottled orange. Moist; non plastic; thin to moderately thin bedding.		4				HQ	69				
	SILT with trace sand; light brownish orange. Very soft; wet.											
	Fine SAND with some silt; grey, mottled orange. Medium dense; non plastic; poorly graded; thin to moderately thin bedding.				10	5// 3/2/2/3	SPT	89				
	Sandy SILT; dark grey. Firm; moist; moderately plastic; sand, fine to medium.		5									
	At 5.04m, becomes silty fine to medium SAND.											
	SILT with minor to trace sand and minor clay; dark reddish brown. Firm to stiff; moist; plastic; sand, quartz.						HQ	109				
	From 5.40m to 5.73m, some clay; red, mottled black; thinly bedded.											
	SILT with minor to some clay and minor sand; reddish light brown, mottled red/brown. Very stiff to hard; sand, fine to medium.		6		21	7// 5/7/4/5	SPT	71				
	SILT with some sand, minor to some clay, trace gravel; grey, mottled reddish orange. Sand, fine to medium; gravel, weathered, pumiceous.											
	At 7.06m, thin bed of black sand, possible tephra.		7				HQ	103				
	CLAY with minor silt; grey and pink banded. Firm to stiff; moist; plastic; laminated.											
	From 7.20m, grey with pink mottles.											
	Sandy SILT; light grey, orange mottled. Moist; plastic; sand, fine to coarse.				13	7// 3/3/4/3	SPT	80				
	SILT with some sand and minor gravel; reddish black. Gravel, medium to coarse, weathered.		8									
	Silty fine to coarse SAND; orange, mottled white light brown dark brown yellow. Moderately plastic; well graded.											
	SILT with trace sand; grey. Stiff to very stiff; moist; plastic; sensitive; sand, fine.						HQ	110				
	Sandy SILT; orange, mottled white. Very stiff; moist; moderately plastic. Sand fine to coarse.											
	Sandy SILT; grey/orange brown/light brown thinly bedded. Stiff; moderately plastic; sand, fine to coarse.											
	CLAY with minor silt; brownish grey. Firm; moist; plastic; thinly bedded with fine to medium black sand.		9		13	4// 3/2/5/3	SPT	67				
	Sandy silty CLAY; brownish grey, mottled orange, white, light brown. Moist; plastic; sand, fine to medium, black quartz.											
	SILT with some sand; light brownish grey. Moist; plastic; sand, fine to medium, quartz.						HQ	99				
	SILT with some sand; light brown, orange, grey and black colour bedding. Moist; plastic; sand, fine to medium, quartz. Bedding very thin.											

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 8.7m

Started: 21/06/2016
Drilling Co.: Perry Geotech
Logged by: E Jacobs

Finished: 21/06/2016
Drilling Rig: Tractor
Checked by: S Cooke

Project: Claudelands Bridge Life Plan
 Client: Hamilton City Council
 Project No.: 2-32499.05
 Location: East abutment, south side.
 Claudelands Bridge, Hamilton

Coordinates: 1801125 E 5815687 N
 Ref. Grid: NZTM
 R.L.: Approx. 37 m
 Datum:
 Depth: 30.315 m
 Inclination: Vertical

GEOLOGY	MAIN DESCRIPTION / DETAIL DESCRIPTION	R.L. (m)	DEPTH (m)	GRAPHIC LOG	TESTS		CORE		DRILLING		NOTES / OTHER TESTS	INSTALLATION DETAILS
					SPT N° VALUE	SPT BLOW COUNTS OR SHEAR VALUE	CORE TYPE	TOTAL CORE RECOVERY (%)	DRILLING METHOD	CASING		
	From 9.62m, sandy SILT. Silty fine to coarse SAND; light brown, mottled orange black. Medium dense; non plastic; pumiceous. At 9.62m, very thin bed of Clayey SILT; grey. Moist; plastic. SILT and sandy SILT; multicoloured, laminated to thinly bedded. Moderately plastic; moist; sand, fine to medium. (continued) SILT with minor sand; brownish grey mottled yellow and orange. Very soft; moist to wet; plastic; sand, fine to coarse, pumiceous.		26		1	1// 0/1/0/0	HQ	99				
	From 11.19m, minor to some sand; trace weathered pumice fine gravel. At 11.34m, thin bed of black orange fine/medium sand.		11				HQ	104				
	SILT with some sand and trace gravel; brownish grey, orange and brownish yellow mottled. Firm; moist; plastic; sand, fine to coarse; gravel, fine, weathered, pumiceous. Sandy SILT; light brown mottled white, dark brown, brownish orange. Firm; moist; plastic; sand, fine to medium, pumiceous. SILT; yellowish brown, minor dark reddish brown modules. Firm. Silty fine to coarse SAND; light brown mottled dark brown and brownish orange. Loose; moist to wet; non plastic; pumiceous. Sandy SILT with minor gravel; brownish white with multicoloured mottles. Sand, fine to coarse, pumiceous; gravel, fine, pumiceous. SILT; white, orange mottles. Very soft to soft; wet; plastic; very sensitive. At 12.89m, reddish staining.		12		4	4// 1/1/1/1	SPT	69				
	From 13.29m to 13.36m, dark brown organic mottles. From 13.36m, yellowish white with orange mottles.		24			SV: 9/0 kPa	HQ	93				
	SILT with trace organic fibres; white, mottled light orange, with dark brown organic mottles. Very soft; wet; plastic; very sensitive. From 14.10m, trace fine to coarse pumiceous sand. At 14.36m, very thin fine to medium pumice gravel bed. From 14.74m, white, soft.		14				PT	70				
	Organic SILT; dark brown. Firm to stiff; dry to moist; moderately plastic. SILT; dark brown, white mottled. Soft; moist to wet; plastic; very sensitive. SILT; light brown dark brown mottled; interbedded with white SILT with minor organic fibres, minor gravel. Gravel, fine, pumiceous; very thinly bedded. SILT with minor to some sand; dark brown, white mottled. Very soft to soft; wet; very sensitive; sand, fine to medium, black, pumiceous. SILT with some sand and trace gravel; brownish white, mottled dark brown. Firm; moist; plastic; sand, fine to coarse, pumiceous; gravel, fine pumiceous. Sandy SILT; brownish white, orange, dark brown and grey bedded. Moist; moderately plastic; sand, fine to coarse, pumiceous. Bedding very thin to thin. Trace dark brown modules. At 16.00m, thin bed of highly weathered pumice. SILT with minor to some sand; grey, white, orange mottled. Soft; wet; plastic; sand, fine to coarse, pumiceous. Highly weathered pumice beds.		22		1	1// 0/0/1/0	SPT	87				
	SILT with minor sand and trace gravel; brownish white. Very soft; wet; plastic; sand, fine to medium; gravel, medium to coarse, pumiceous, tephra. From 17.61m, trace fine to coarse sand.		16				HQ	81				
	SILT with some sand; brownish grey, orange and brownish white bedded. Soft; wet; moderately plastic; sand, fine to medium, pumiceous. Bedding moderately thin to thin. At 18.57m, moderately thin fine sandy SILT bed. Firm. Sandy SILT. Firm. Sand fine to coarse.		20		3	0// 0/1/1/1	SPT	120				
	Silty fine to coarse SAND; orange, wet; non plastic; well graded. SILT with minor sand; brownish grey. Very soft; sand, fine, pumiceous. Silty fine to medium SAND; light brown. Uniformly graded. Sandy SILT with trace gravel; grey. Firm to stiff; moist; non plastic; sand, fine to medium, pumiceous; gravel, fine, pumiceous. From 19.13m, sand is fine At 19.20m, yellow bed. SILT with some sand; dark greyish brown. Firm; moist; moderately		18		7	3// 2/1/2/2	SPT	76				
											17.00-18.00m - Recovered run on second attempt	

BOREHOLE SO L LOG A4 2-32499-05 CLAUDELANDS BR DGE GPJ OPUS2016 TEM GDT 1/8/16

Backfilled with sand

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 8.7m

Started: 21/06/2016
 Drilling Co.: Perry Geotech
 Logged by: E Jacobs

Finished: 21/06/2016
 Drilling Rig: Tractor
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GEOLOGY	MAIN DESCRIPTION / DETAIL DESCRIPTION	R.L. (m)	DEPTH (m)	GRAPHIC LOG	TESTS		CORE		DRILLING			NOTES / OTHER TESTS	INSTALLATION DETAILS
					SPT N° VALUE	SPT BLOW COUNTS OR SHEAR VALUE	CORE TYPE	TOTAL CORE RECOVERY (%)	DRILLING METHOD	CASING	BASE OF HOLE & WATER LEVEL		
	plastic. Sand fine. SILT with minor sand; brownish white. Firm to stiff; sand, fine to medium. Sandy SILT; greyish white. Moist; non plastic; sand, fine to coarse, pumiceous. Silty fine to coarse pumice SAND with minor to some gravel; grey. Well graded; gravel, fine to medium, pumiceous. (continued) Silty fine SAND; grey with white and brown laminations. Moist; non plastic; uniformly graded; pumiceous. Silty fine to coarse SAND with some gravel; multicoloured. Moist; non plastic; pumiceous; gravel, fine to medium, pumiceous. At 20.80m, thin bed of orange grey fine sandy SILT. Sandy SILT; grey. Moist; non plastic to moderately plastic; sand, fine to coarse. Silty fine to coarse SAND with some gravel; multicoloured. Medium dense, moist; non plastic; pumiceous; gravel, fine to medium, pumiceous. At 21.30m, some medium gravel and sand is well graded. At 21.53m thin grey fine sandy SILT bed. At 21.67m thin grey fine sandy SILT bed. At 21.99m, thin grey fine silty SAND bed. Sandy SILT; grey, orange mottled. Very stiff to hard; moist; moderately plastic; sand, fine. From 22.10m to 22.13m, bed of grey gravelly silty SAND. Gravelly silty SAND; grey. Moist to wet; non plastic; well graded; pumiceous; gravel, fine to coarse, pumiceous. Sandy SILT with some gravel; grey, white nodules. Medium dense; wet; moderately plastic; sand, well graded; gravel, fine to medium, pumiceous. Gravelly silty SAND; grey. Moist to wet; non plastic; well graded; pumiceous; gravel, fine to coarse, pumiceous. From 23.19m, minor to some gravel. At 23.61m, moderately thin bed of silty fine to medium SAND; grey. Wet; moderately plastic. At 23.68m, moderately thin bed of silty fine to coarse SAND; grey, mottled brown. Wet; non plastic; well graded. From 23.77m, gravel fine to medium. Silty fine to coarse SAND; dark grey and greyish orange laminated. Medium dense; wet; non plastic; pumiceous. Silty fine SAND; grey. Medium dense; moist; non plastic; uniformly graded. From 24.58m, minor gravel, medium, weathered, pumice. From 24.70m, thinly spaced joints, iron staining, no gravel. Silty fine to coarse SAND with trace gravel; grey. Moist to wet; non plastic; gravel, medium to fine, weathered, pumice, subrounded, pumiceous. At 25.11m, very thin bed of gravelly fine to coarse SAND with some silt; grey. Moist to wet; non plastic. Fine to coarse SAND with some silt and trace gravel; grey. Moist to wet; non plastic; well graded; gravel, fine. At 25.36m, thin bed of brownish grey silty fine to medium SAND. From 25.39 to 25.40m, bed of grey gravelly silty SAND. Pumiceous. Silty fine to coarse SAND with minor gravel; grey. Medium dense, moist to wet; non plastic; gravel, fine, pumice. Iron staining at 25.45m. Fine gravel. Gravelly silty SAND; grey, white mottled. Moist to wet; non plastic; well graded; gravel, fine to coarse, pumice, subrounded. From 26.04m, gravel fine to medium. At 26.12m, moderately thin bed of silty fine SAND with minor medium to coarse sand; thinly bedded grey and greyish orange. Sandy fine to coarse GRAVEL with some silt; multicoloured. Moist; well graded; pumice. Silty fine SAND with minor medium to coarse sand; thinly bedded grey and greyish orange. Silty SAND with some gravel; grey, mottled, greyish orange. Wet; non plastic; well graded; gravel, fine to medium, pumice, subrounded to sub angular. Silty fine SAND with minor medium to coarse sand; thinly bedded grey and greyish orange. Gravelly silty SAND; grey, mottled greyish orange. Medium dense; moist to wet; non plastic; well graded; gravel, fine to coarse, pumice, subrounded. Silty fine SAND; grey. Dense; wet; non plastic; uniformly graded. Sandy SILT with trace gravel; grey. Hard; wet; moderately plastic; sand, fine to coarse; gravel, fine, weathered, pumice. Silty fine to medium SAND; grey. Very dense. Pumice. Interbedded with Sandy SILT; grey. Sand, uniformly graded, fine, pumiceous SAND with some silt and minor gravel; multicoloured. Well graded; gravel, fine to medium, predominately quartz. With closely spaced grey SILT beds. Sandy SILT; grey, dark grey, whitish grey laminated. Hard; wet; moderately plastic; sand, fine, uniformly graded.												
			16			SV: UTP	HQ	92					
			21			6// 3/3/3/3	SPT	80					
			22				HQ	106					
			20			9// 3/7/4/6	SPT	53					
			14				HQ	94					
			23			12// 5/5/7/6	SPT	11					
			12				HQ	90					
			26			15// 4/3/3/3	SPT	67					
			10			10// 4/5/3/3	SPT	18					
			28				HQ	110					
			8			14// 14/29/7 for 5mm	SPT	33					
			29				HQ	118					

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 8.7m

Started: 21/06/2016
 Drilling Co.: Perry Geotech
 Logged by: E Jacobs

Finished: 21/06/2016
 Drilling Rig: Tractor
 Checked by: S Cooke

Project: Claudelands Bridge Life Plan
 Client: Hamilton City Council
 Project No.: 2-32499.05
 Location: East abutment, south side.
 Claudelands Bridge, Hamilton

Coordinates: 1801125 E 5815687 N
 Ref. Grid: NZTM
 R.L.: Approx. 37 m
 Datum:
 Depth: 30.315 m
 Inclination: Vertical

GEOLOGY	MAIN DESCRIPTION / DETAIL DESCRIPTION	R.L. (m) DEPTH (m)	GRAPHIC LOG	TESTS		CORE		DRILLING		NOTES / OTHER TESTS	INSTALLATION DETAILS
				SPT N° VALUE	SPT BLOW COUNTS OR SHEAR VALUE	CORE TYPE	TOTAL CORE RECOVERY (%)	DRILLING METHOD	CASING		
	Sandy SILT; grey, dark grey, whitish grey laminated. Hard; wet; moderately plastic; sand, fine, uniformly graded. (continued)		x x x x x x	Ref	18// 19/21/10 for 15mm	SPT	0			SWL 8.70m	
	END OF BOREHOLE AT 30.315m - Target Depth Reached										
		6 31									
		32									
		4 33									
		34									
		2 35									
		36									
		0 37									
		38									
		-2 39									

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 8.7m

Started: 21/06/2016
 Drilling Co.: Perry Geotech
 Logged by: E Jacobs

Finished: 21/06/2016
 Drilling Rig: Tractor
 Checked by: S Cooke

Project: Claudelands Bridge Life Plan
 Client: Hamilton City Council
 Project No.: 2-32499.05
 Location: East abutment, south side.
 Claudelands Bridge, Hamilton

Coordinates: 1801125 E 5815687 N
 Ref. Grid: NZTM
 R.L.: Approx. 37 m
 Datum:
 Depth: 30.315 m
 Inclination: Vertical

PHOTOGRAPHS



Photo BH2.1
 Box 1: 0.00m to 5.54m



Photo BH2.2
 Box 2: 5.54m to 8.67m

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 8.7m

Started: 21/06/2016
 Drilling Co.: Perry Geotech
 Logged by: E Jacobs

Finished: 21/06/2016
 Drilling Rig: Tractor
 Checked by: S Cooke

Project: Claudelands Bridge Life Plan
 Client: Hamilton City Council
 Project No.: 2-32499.05
 Location: East abutment, south side.
 Claudelands Bridge, Hamilton

Coordinates: 1801125 E 5815687 N
 Ref. Grid: NZTM
 R.L.: Approx. 37 m
 Datum:
 Depth: 30.315 m
 Inclination: Vertical

PHOTOGRAPHS

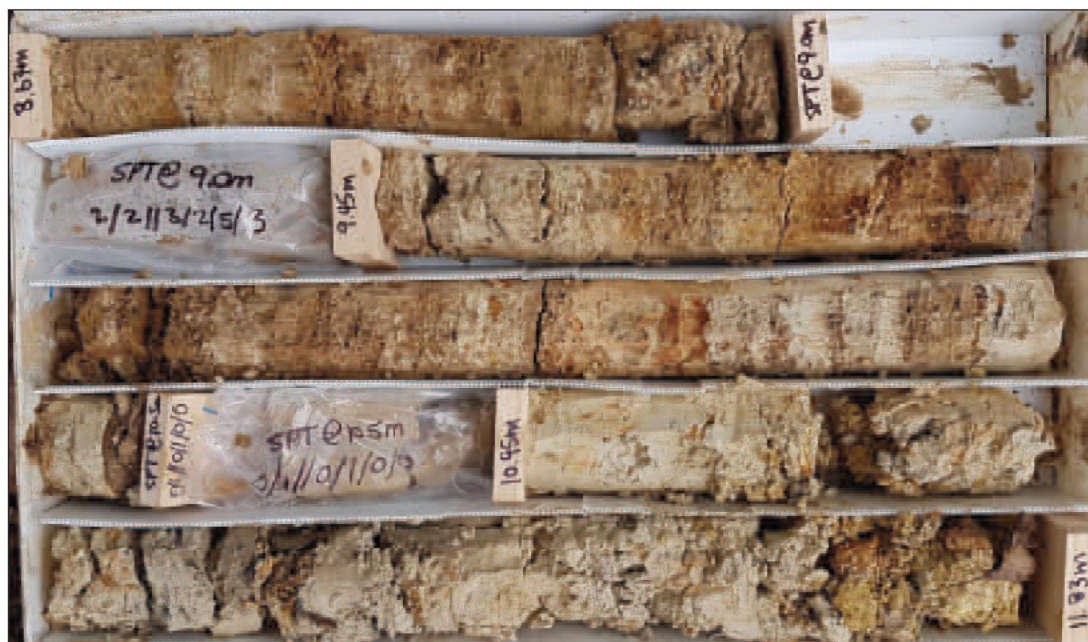


Photo BH2.3
 Box 3: 8.67m to 11.83m



Photo BH2.4
 Box 4: 11.83m to 15.60m

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 8.7m

Started: 21/06/2016
 Drilling Co.: Perry Geotech
 Logged by: E Jacobs

Finished: 21/06/2016
 Drilling Rig: Tractor
 Checked by: S Cooke

Project: Claudelands Bridge Life Plan
 Client: Hamilton City Council
 Project No.: 2-32499.05
 Location: East abutment, south side.
 Claudelands Bridge, Hamilton

Coordinates: 1801125 E 5815687 N
 Ref. Grid: NZTM
 R.L.: Approx. 37 m
 Datum:
 Depth: 30.315 m
 Inclination: Vertical

PHOTOGRAPHS



Photo BH2.5
 Box 5: 15.60m to 19.95m



Photo BH2.6
 Box 6: 19.95m to 23.34m

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 8.7m

Started: 21/06/2016
 Drilling Co.: Perry Geotech
 Logged by: E Jacobs

Finished: 21/06/2016
 Drilling Rig: Tractor
 Checked by: S Cooke

Project: Claudelands Bridge Life Plan
 Client: Hamilton City Council
 Project No.: 2-32499.05
 Location: East abutment, south side.
 Claudelands Bridge, Hamilton

Coordinates: 1801125 E 5815687 N
 Ref. Grid: NZTM
 R.L.: Approx. 37 m
 Datum:
 Depth: 30.315 m
 Inclination: Vertical

PHOTOGRAPHS



Photo BH2.7
 Box 7: 23.34m to 26.90m



Photo BH2.8
 Box 8: 26390m to 30.315m EoBH

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 8.7m

Started: 21/06/2016
 Drilling Co.: Perry Geotech
 Logged by: E Jacobs

Finished: 21/06/2016
 Drilling Rig: Tractor
 Checked by: S Cooke

Project: Claudelands Bridge Life Plan
Client: Hamilton City Council
Project No.: 2-32499.05
Location: East abutment, south side.
 Claudelands Bridge, Hamilton

Coordinates: 1801125 E 5815687 N
Ref. Grid: NZTM
R.L.: Approx. 37 m
Datum:
Depth: 30.315 m
Inclination: Vertical

PHOTOGRAPHS



Photo BH2.9
 View north towards site from base of path, pre-drilling.



Photo BH2.10
 View westwards over site, post-drilling.

Notes:
 SV: Shear Vane - Perry's SV261, Const. 1.494.
 Groundwater level dipped at 8.7m

Started: 21/06/2016
Drilling Co.: Perry Geotech
Logged by: E Jacobs

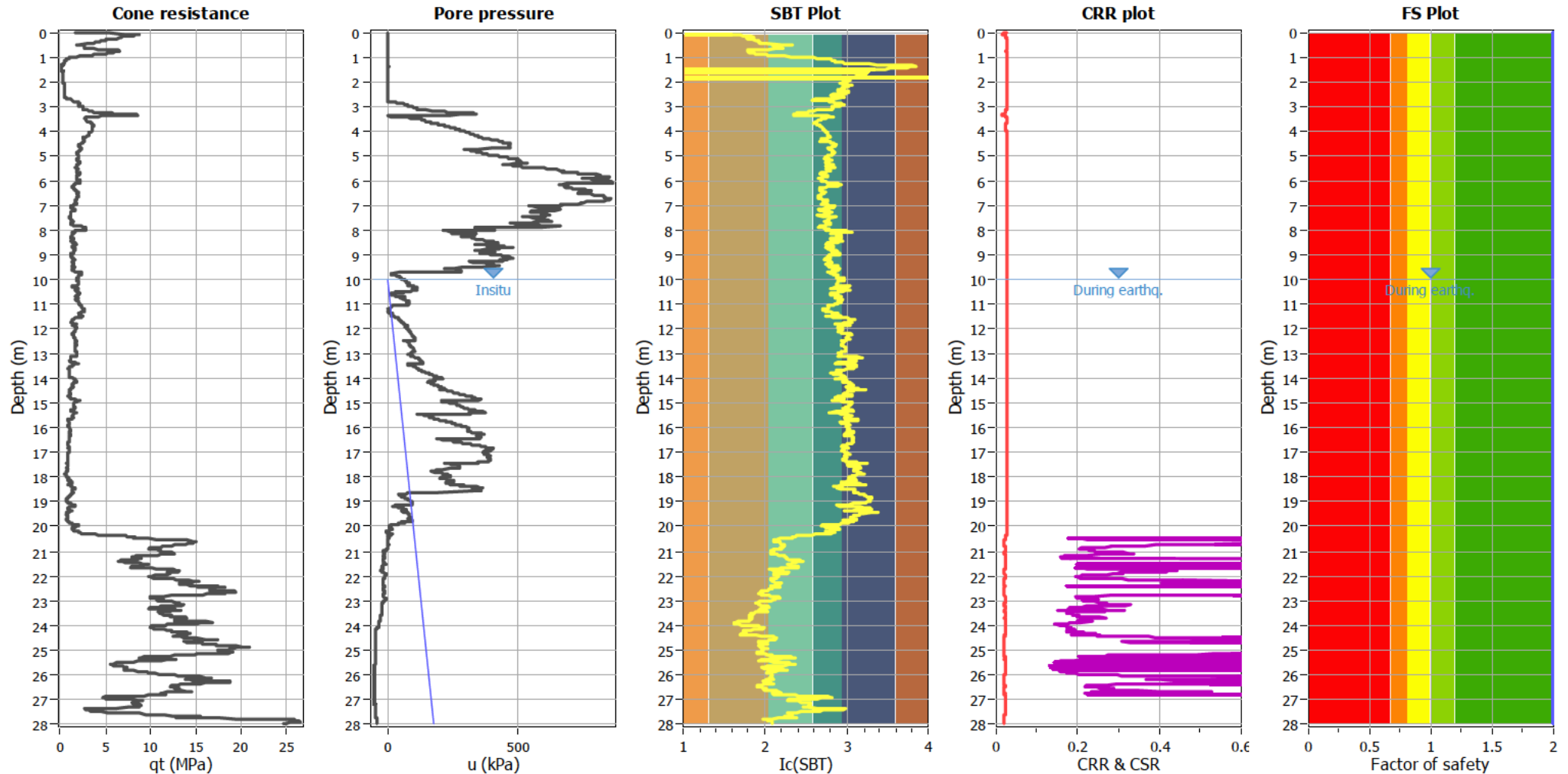
Finished: 21/06/2016
Drilling Rig: Tractor
Checked by: S Cooke



Appendix C

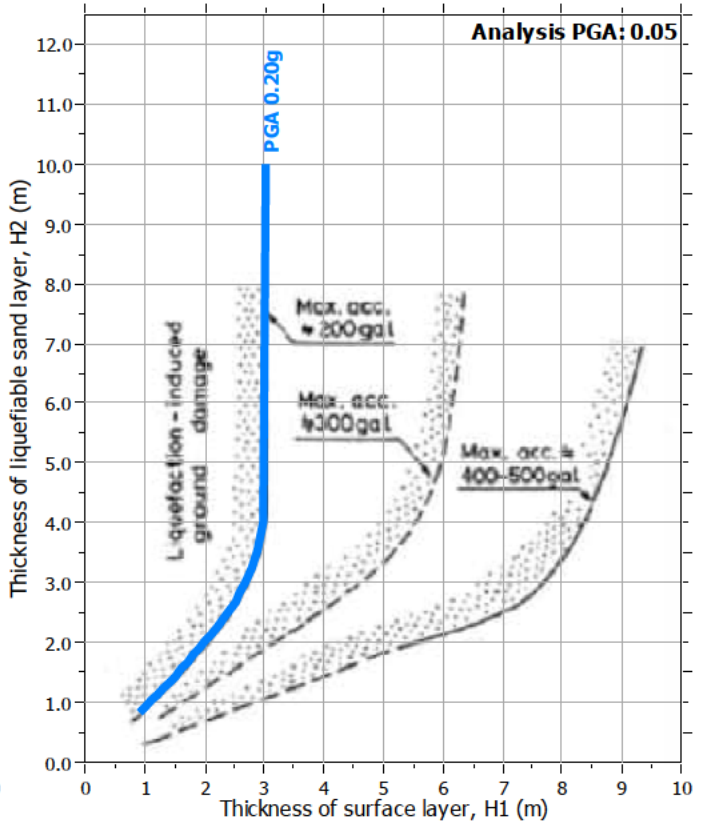
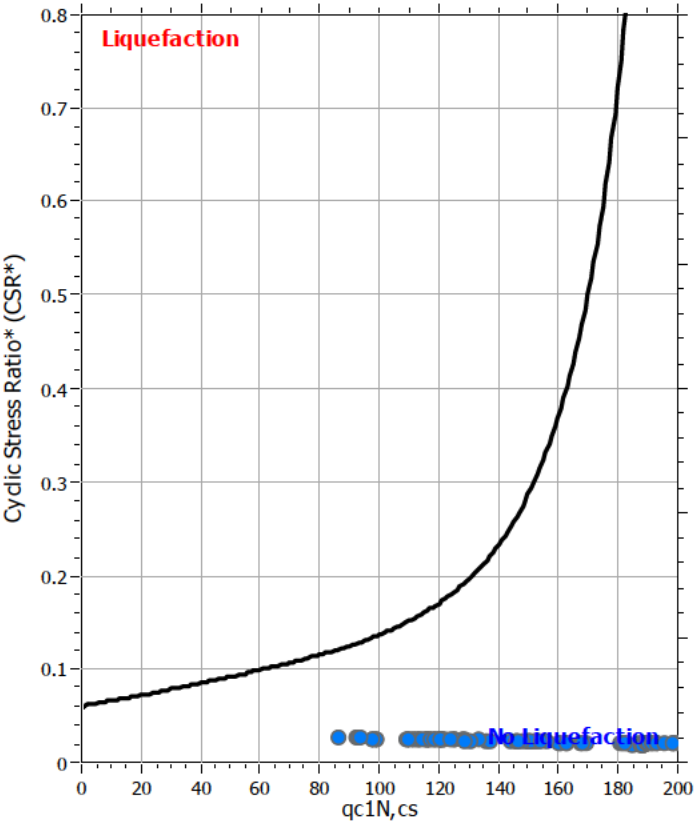
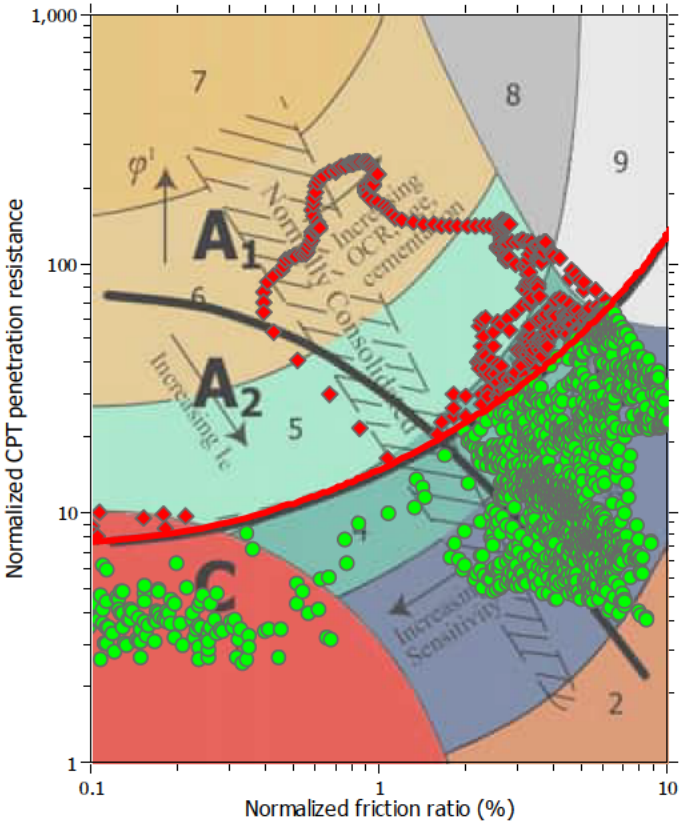
Liquefaction Analysis

Results



Analysis method:	B&I (2014)	G.W.T. (in-situ):	10.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	10.00 m	Fill height:	N/A	applied:	.
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude M_w :	5.90	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.05	Unit weight calculation:	Based on SBT	K_0 applied:	Yes	MSF method:	Method based

Liquefaction analysis summary plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	10.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K _o applied:	Yes
Earthquake magnitude M _w :	5.90	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.05	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	10.00 m	Fill height:	N/A	Limit depth:	N/A

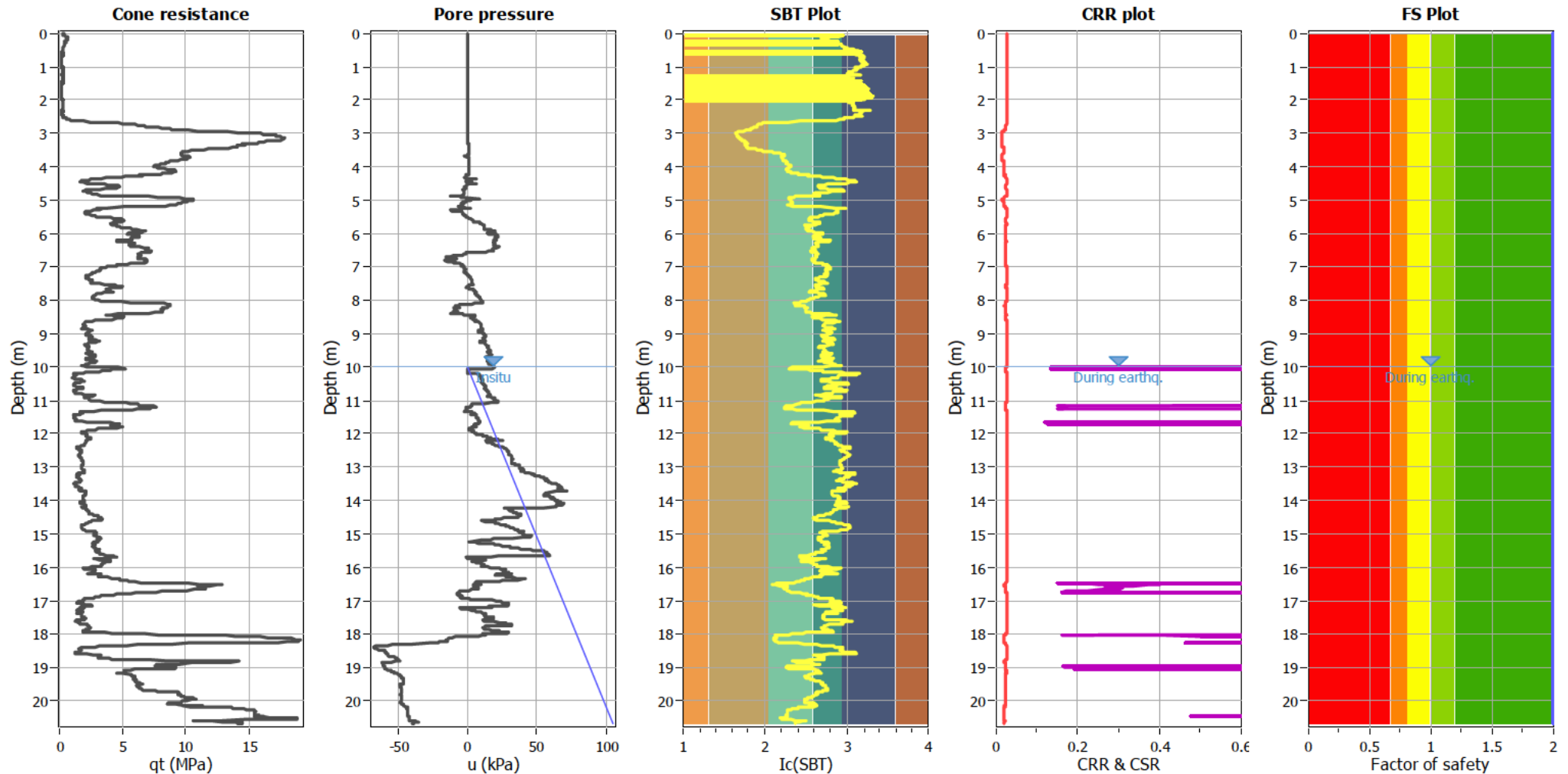


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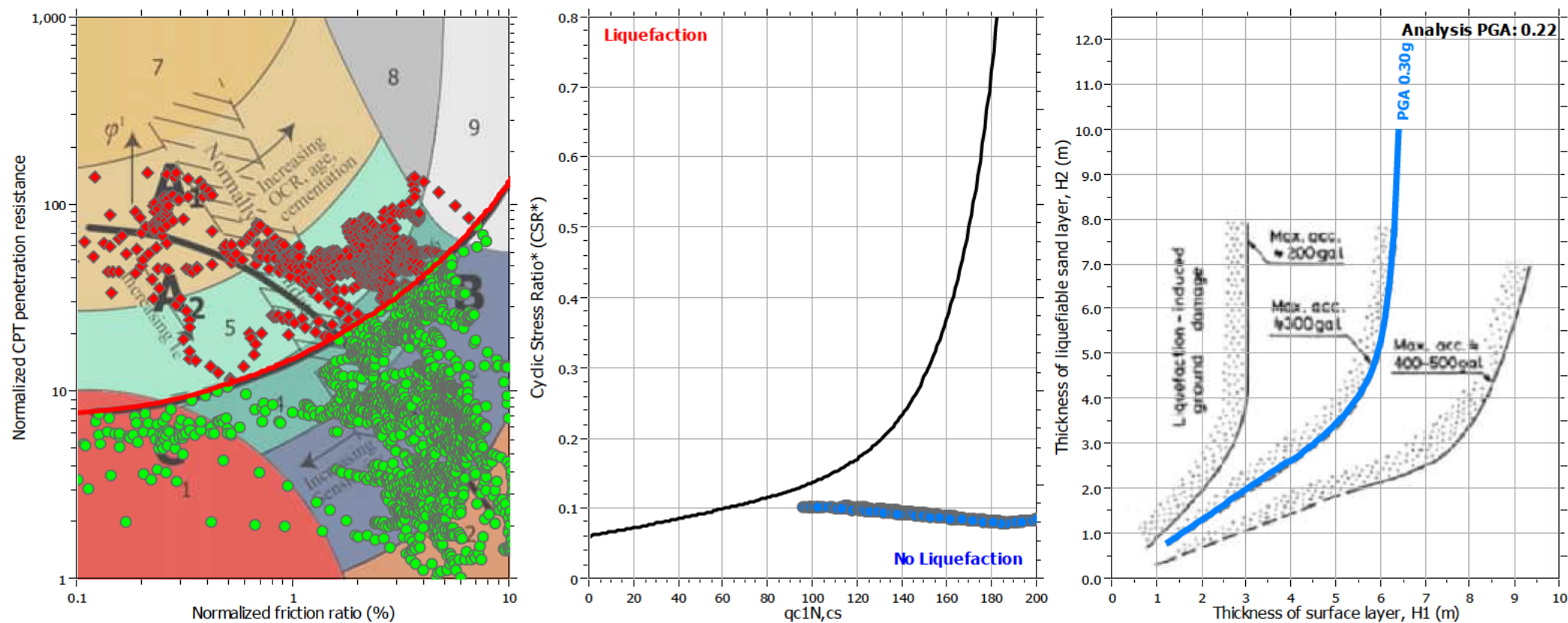
Project: 2-WLASS.BN Geotechnical and Risk Assessment Sonning Carpark SLS
Location: Sonning Carpark - 191 River Road

CPT: CPT02

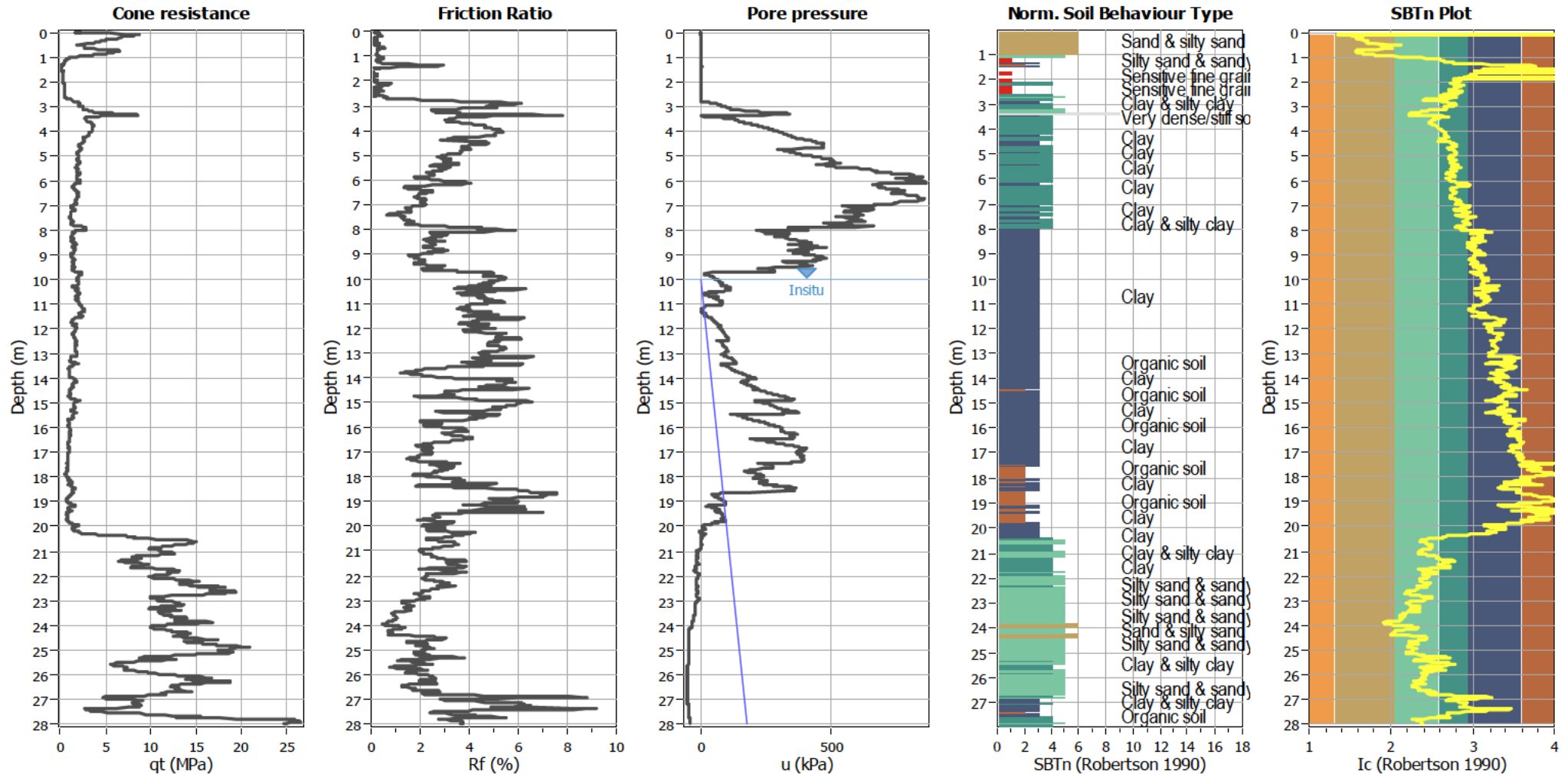
Total depth: 20.69 m



Analysis method:	B&I (2014)	G.W.T. (in-situ):	10.00 m	Use fill:	No	Clay like behavior
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	10.00 m	Fill height:	N/A	applied:
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:
Earthquake magnitude M_w :	5.90	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:
Peak ground acceleration:	0.05	Unit weight calculation:	Based on SBT	K_0 applied:	Yes	MSF method:
						Method based



Analysis method:	B&I (2014)	Depth to GWT (erthq.):	10.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K _o applied:	Yes
Earthquake magnitude M _w :	5.90	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	10.00 m	Fill height:	N/A	Limit depth:	N/A



Analysis method:	B&I (2014)	G.W.T. (in-situ):	10.00 m	Use fill:	No	Clay like behavior
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	10.00 m	Fill height:	N/A	applied:
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:
Earthquake magnitude M_w :	5.90	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_0 applied:	Yes	MSF method:
						Method based



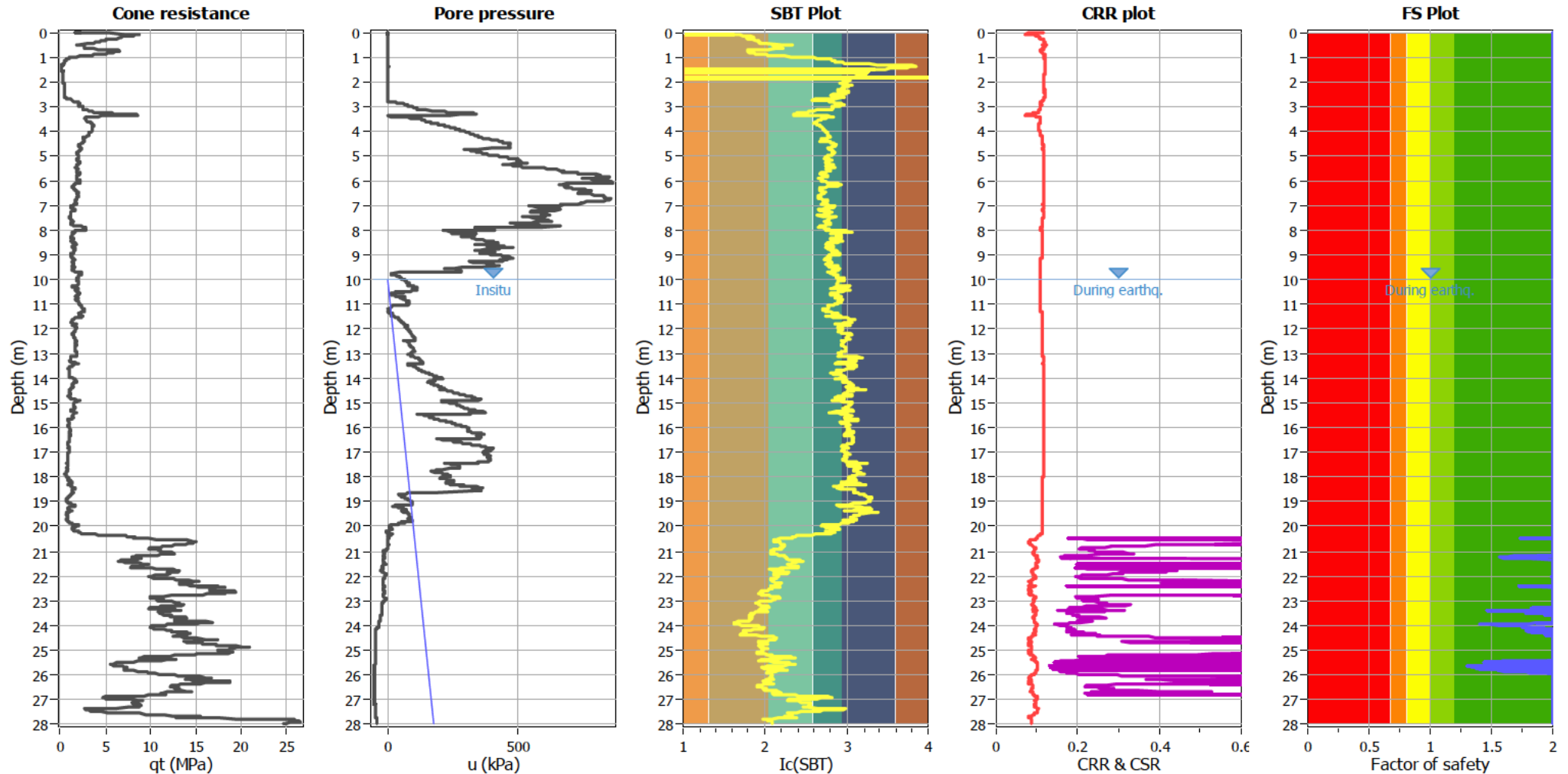
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Project: 2-WLASS Geotech and Risk Assessment - Intermediate IL3 and ULS for IL2

Location: Sonning Carpark

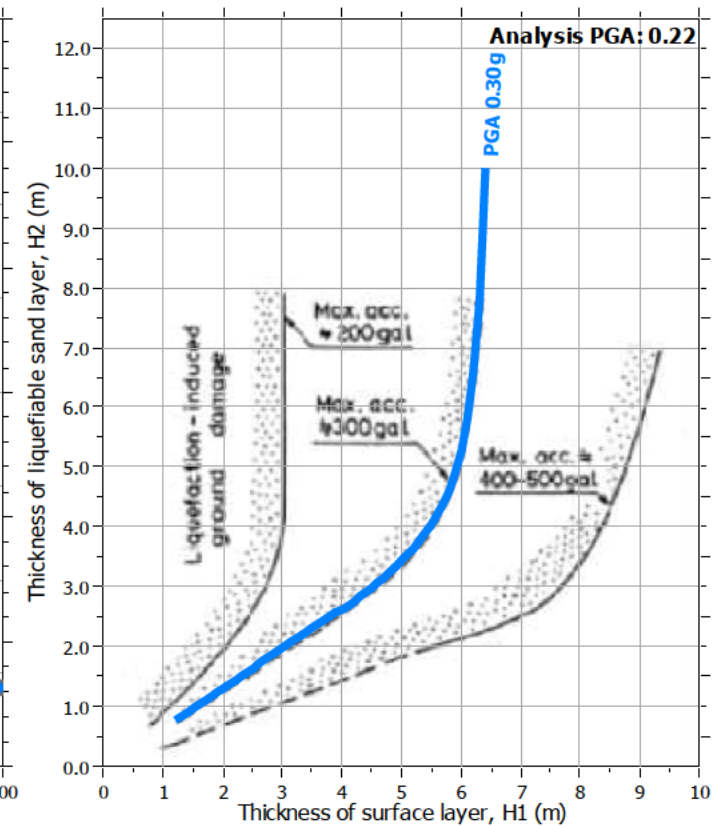
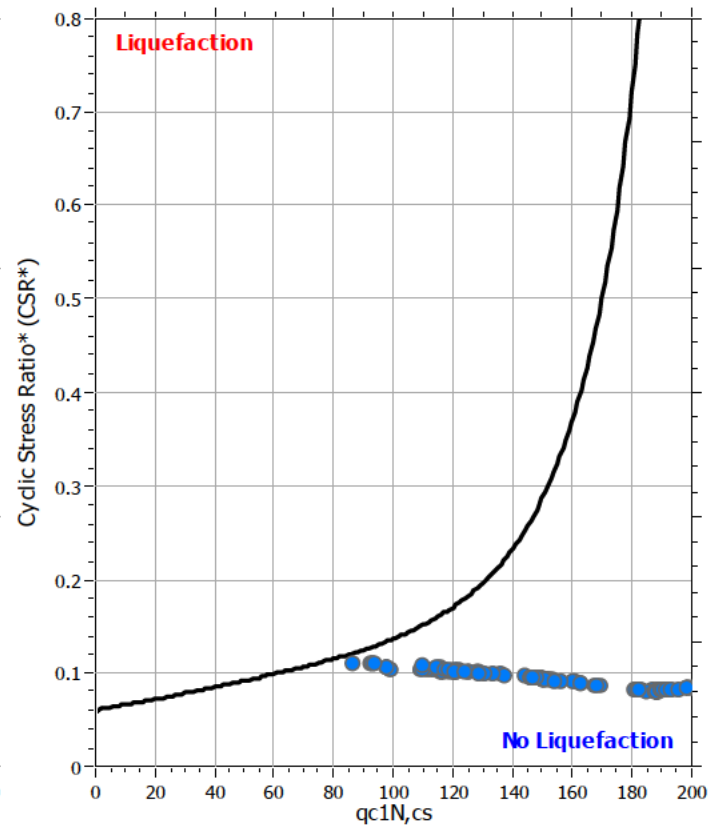
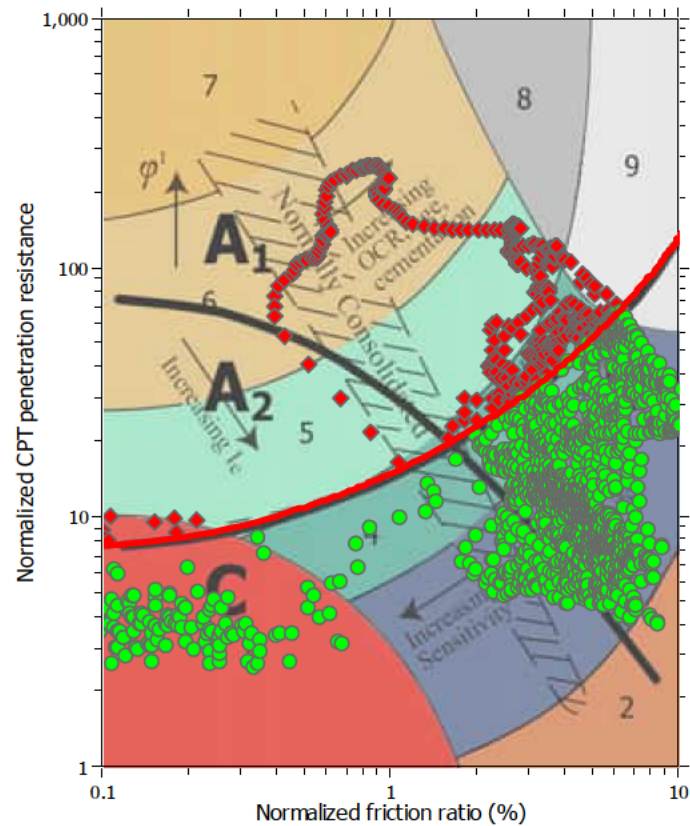
CPT: CPT01

Total depth: 27.97 m



Analysis method:	B&I (2014)	G.W.T. (in-situ):	10.00 m	Use fill:	No	Clay like behavior
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	10.00 m	Fill height:	N/A	applied:
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:
Earthquake magnitude M_w :	5.90	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_0 applied:	Yes	MSF method:
						Method based

Liquefaction analysis summary plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	10.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K _o applied:	Yes
Earthquake magnitude M _w :	5.90	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	10.00 m	Fill height:	N/A	Limit depth:	N/A



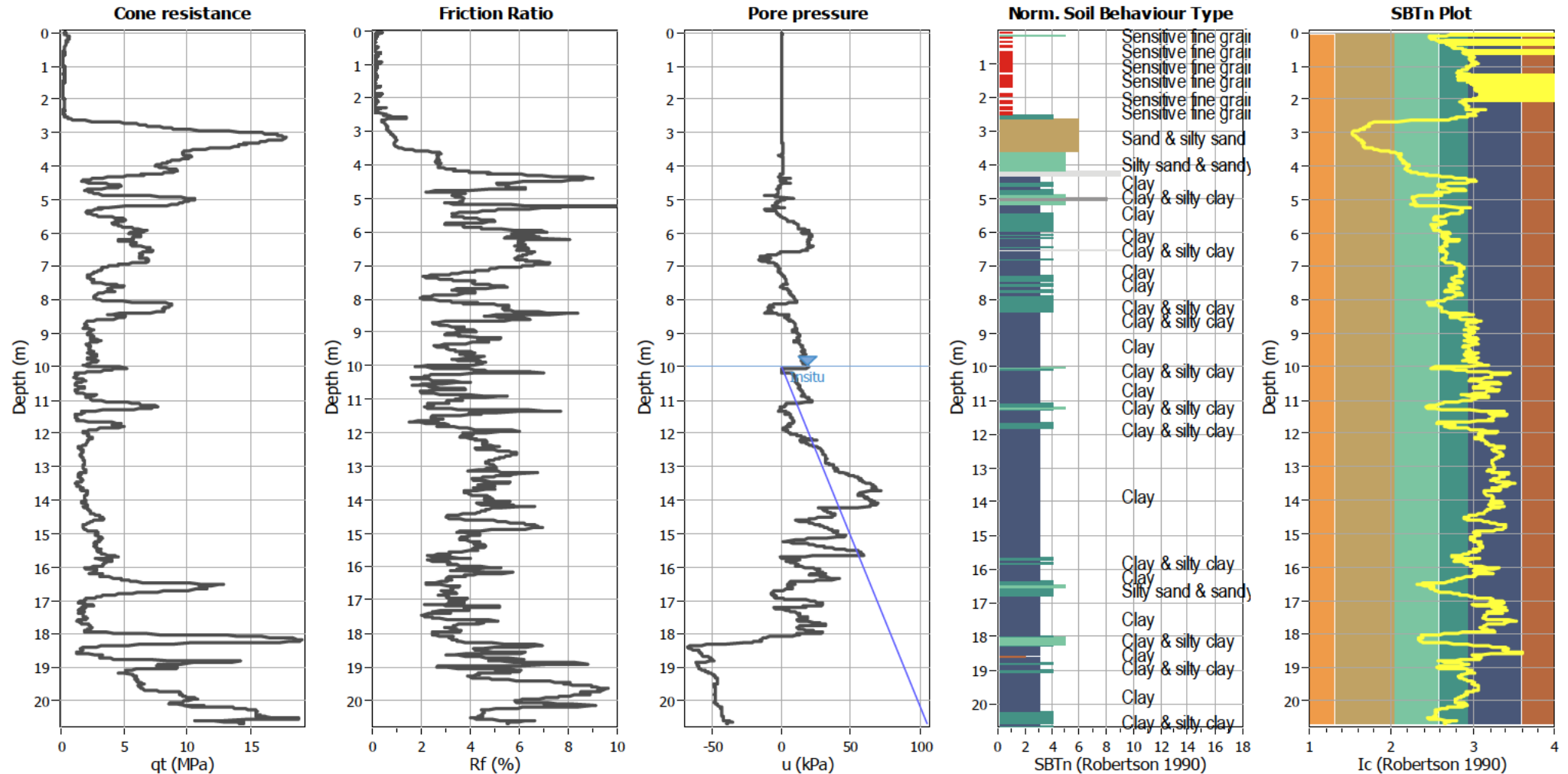
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Project: 2-WLASS Geotech and Risk Assessment - Intermediate IL3 and ULS for IL2

Location: Sonning Carpark

CPT: CPT02

Total depth: 20.69 m



Analysis method:	B&I (2014)	G.W.T. (in-situ):	10.00 m	Use fill:	No	Clay like behavior
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	10.00 m	Fill height:	N/A	applied:
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:
Earthquake magnitude M_w :	5.90	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_0 applied:	Yes	MSF method:
						Method based

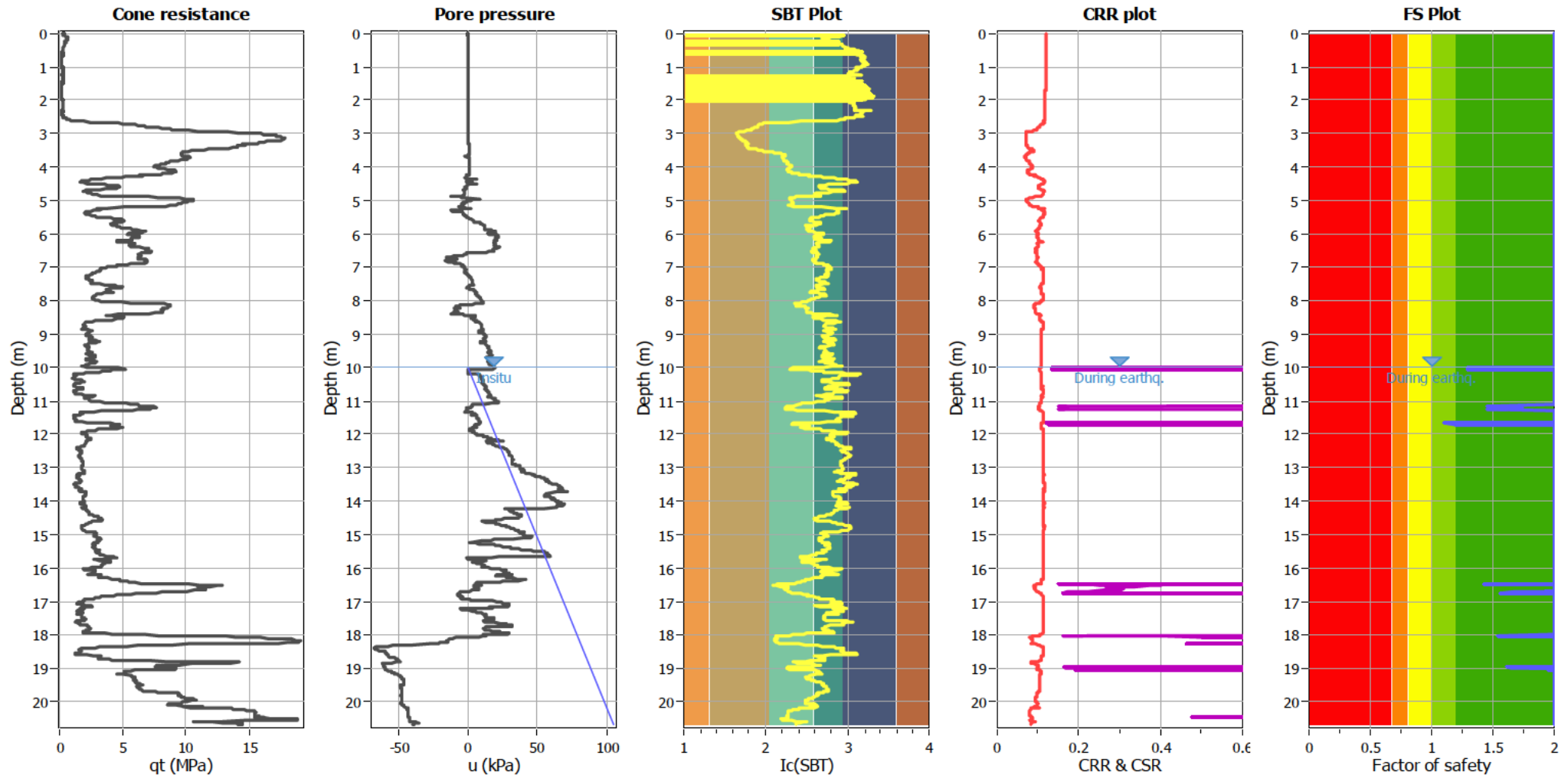


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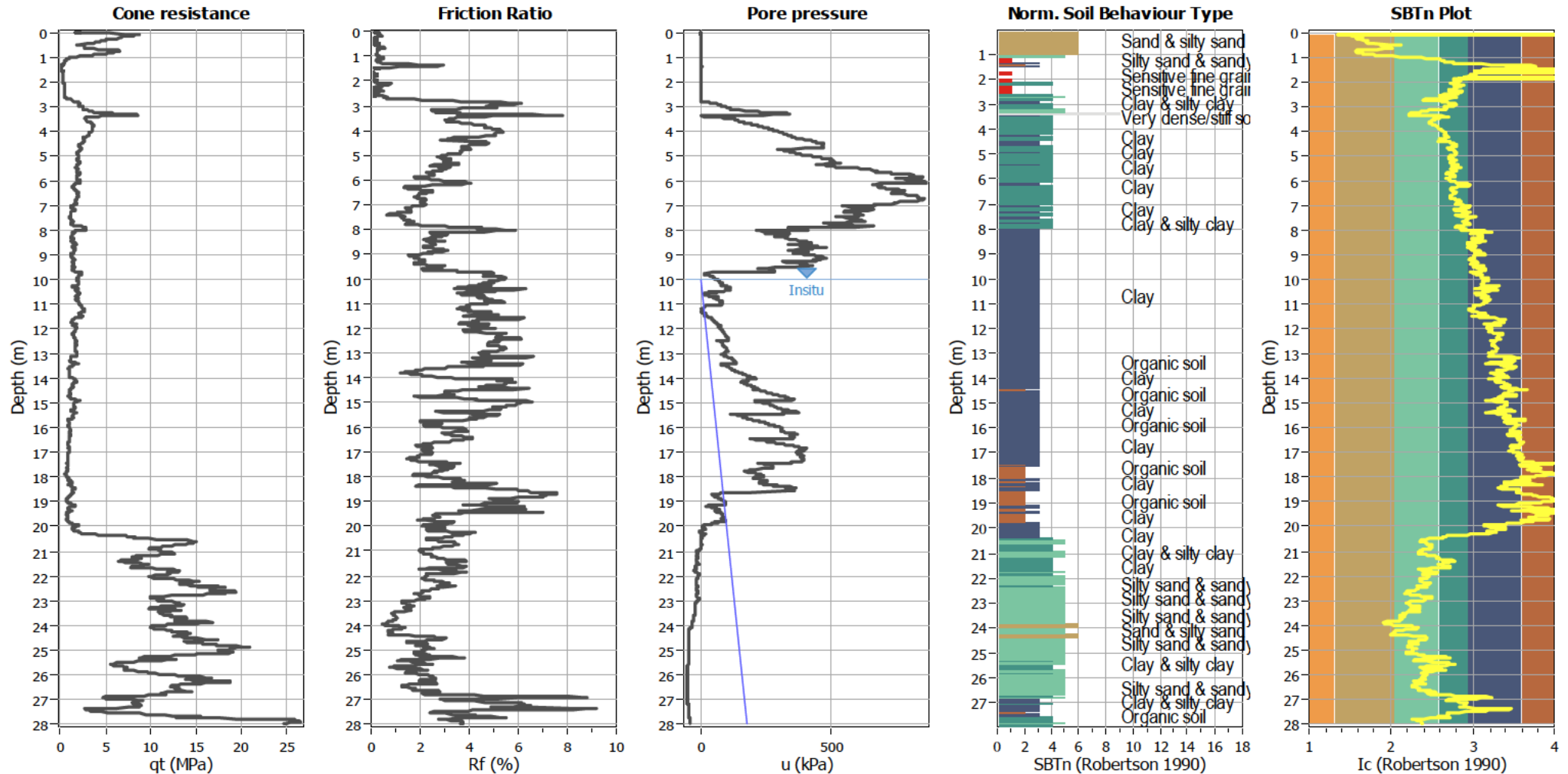
Project: 2-WLASS Geotech and Risk Assessment - Intermediate IL3 and ULS for IL2
Location: Sonning Carpark

CPT: CPT02

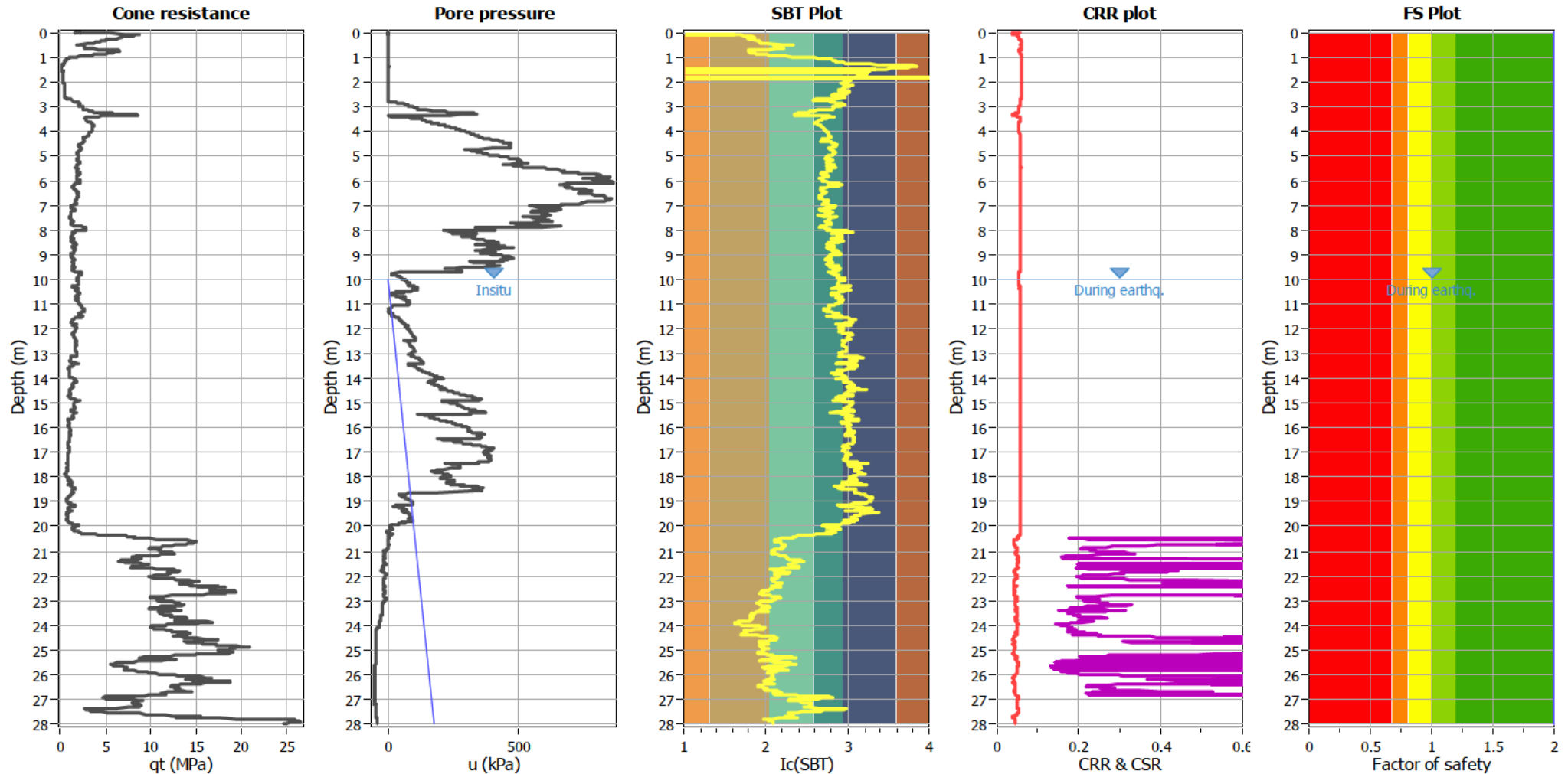
Total depth: 20.69 m



Analysis method:	B&I (2014)	G.W.T. (in-situ):	10.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	10.00 m	Fill height:	N/A	applied:	.
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude M_w :	5.90	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_0 applied:	Yes	MSF method:	Method based

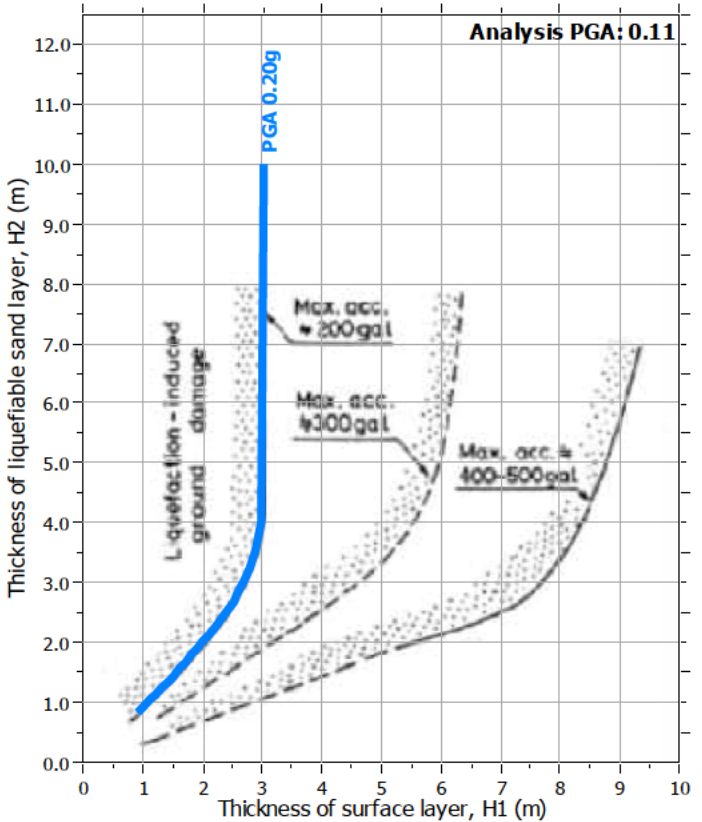
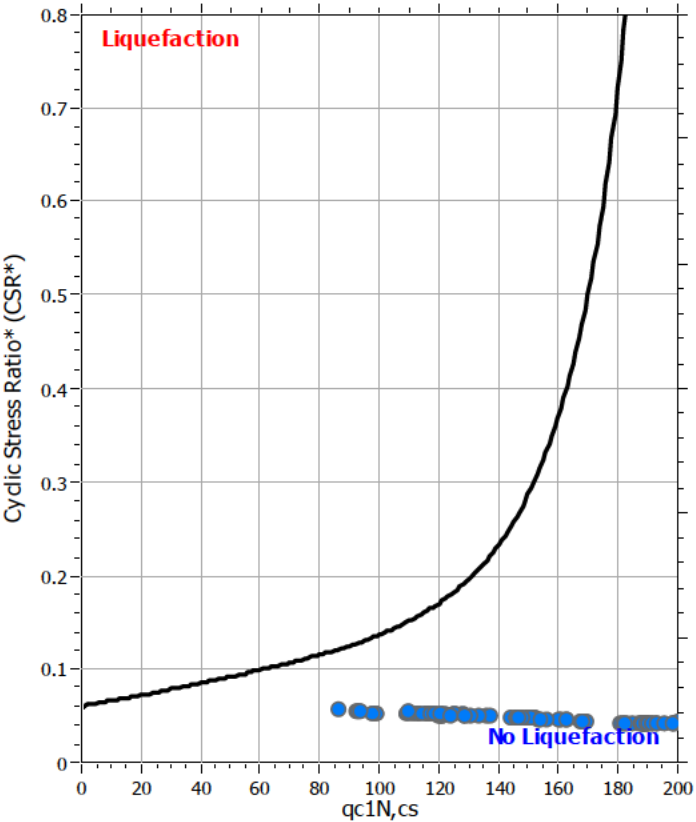
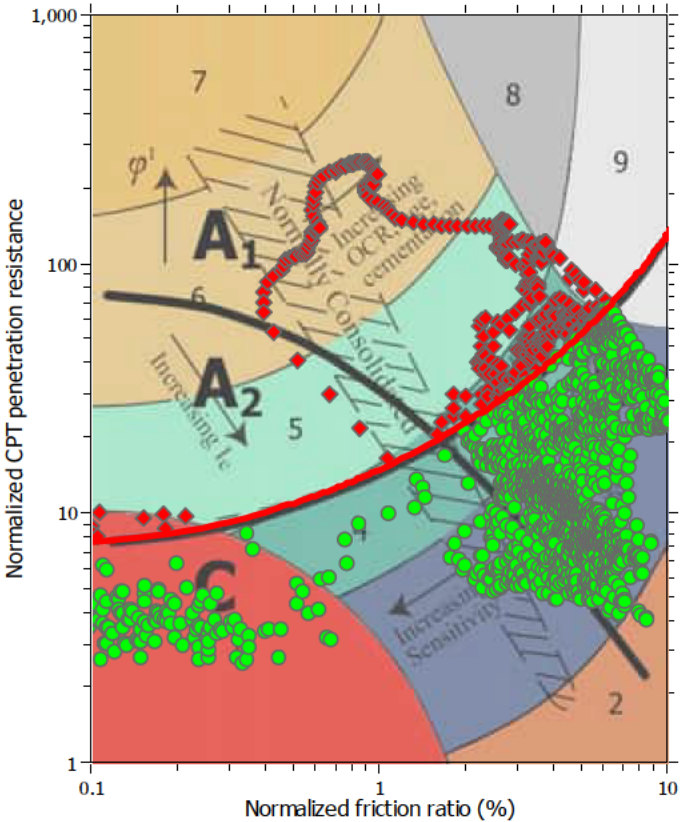


Analysis method:	B&I (2014)	G.W.T. (in-situ):	10.00 m	Use fill:	No	Clay like behavior
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	10.00 m	Fill height:	N/A	applied:
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:
Earthquake magnitude M_w :	5.90	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:
Peak ground acceleration:	0.11	Unit weight calculation:	Based on SBT	K_0 applied:	Yes	MSF method:
						Method based



Analysis method:	B&I (2014)	G.W.T. (in-situ):	10.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	10.00 m	Fill height:	N/A	applied:	.
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude M_w :	5.90	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.11	Unit weight calculation:	Based on SBT	K_0 applied:	Yes	MSF method:	Method based

Liquefaction analysis summary plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	10.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K _o applied:	Yes
Earthquake magnitude M _w :	5.90	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.11	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	10.00 m	Fill height:	N/A	Limit depth:	N/A

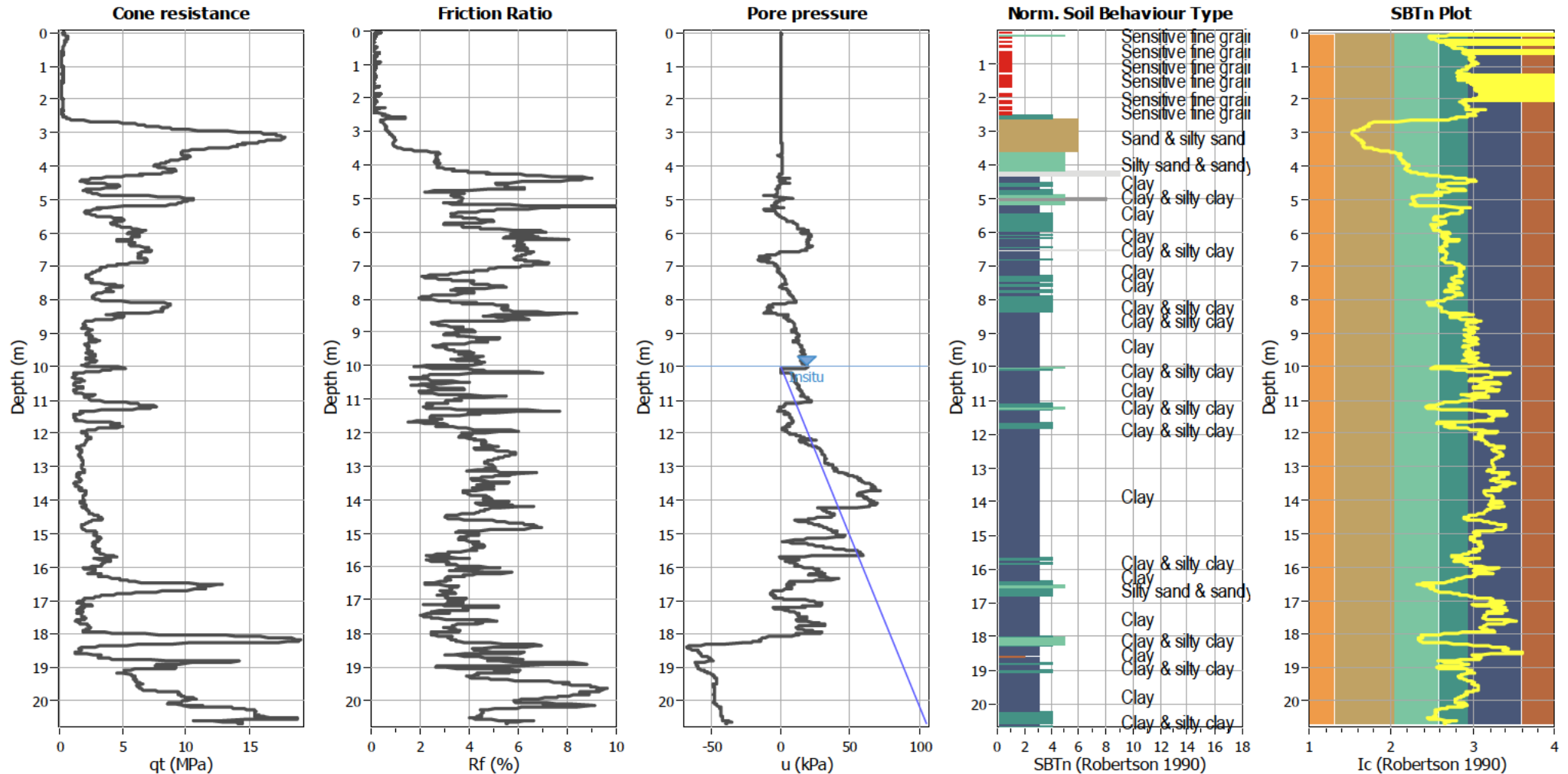


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Project: 2-WLASS.BN Geotech and Risk Assessment Sonning Carpark - Intermeadiate IL2
Location: Sonning Carpark 191 River Road, Hamilton

CPT: CPT02

Total depth: 20.69 m



Analysis method:	B&I (2014)	G.W.T. (in-situ):	10.00 m	Use fill:	No	Clay like behavior
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	10.00 m	Fill height:	N/A	applied:
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:
Earthquake magnitude M_w :	5.90	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:
Peak ground acceleration:	0.11	Unit weight calculation:	Based on SBT	K_0 applied:	Yes	MSF method:
						Method based

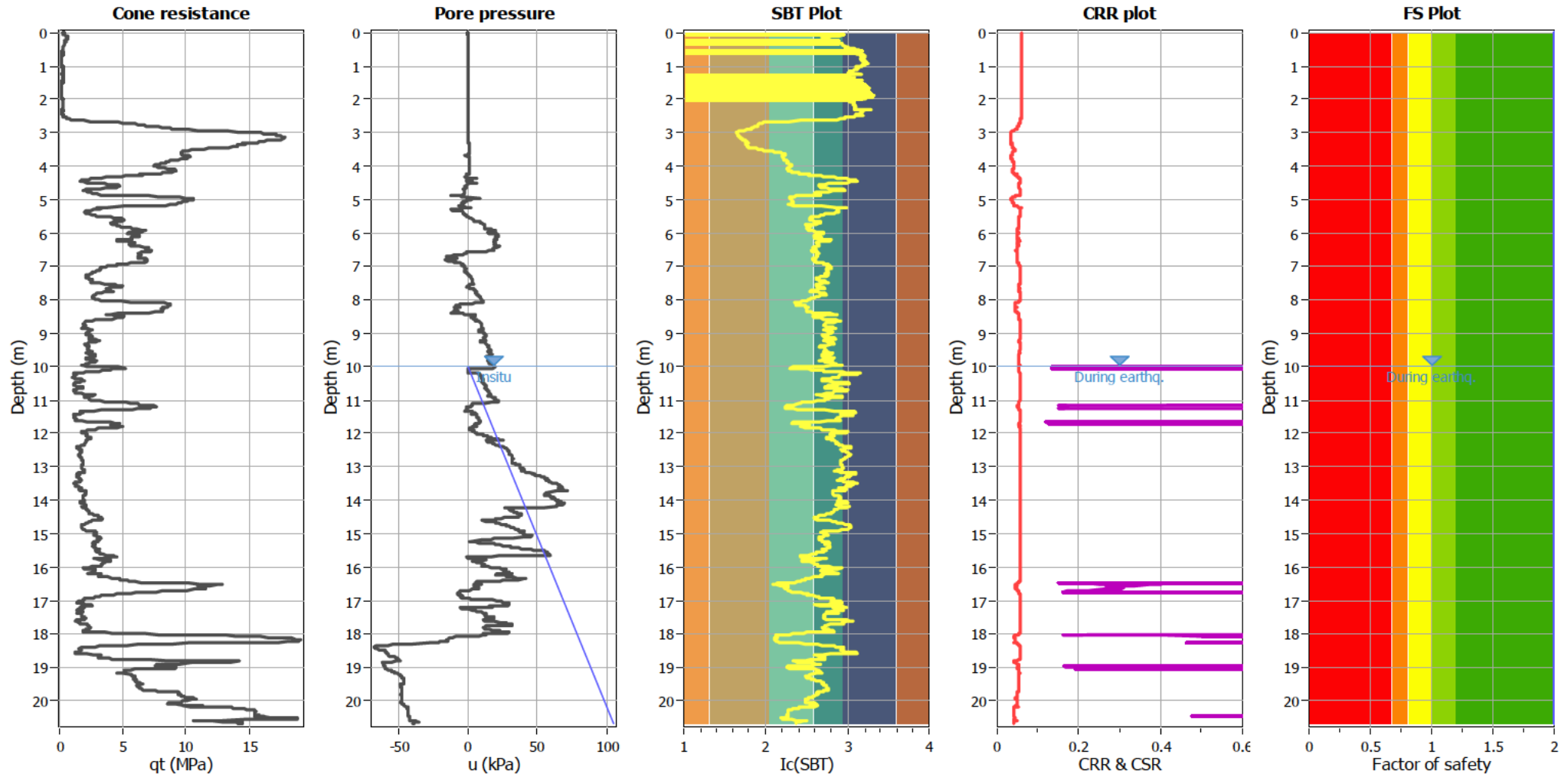


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Project: 2-WLASS.BN Geotech and Risk Assessment Sonning Carpark - Intermeadiate IL2
Location: Sonning Carpark 191 River Road, Hamilton

CPT: CPT02

Total depth: 20.69 m



Analysis method:	B&I (2014)	G.W.T. (in-situ):	10.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	10.00 m	Fill height:	N/A	applied:	.
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude M_w :	5.90	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.11	Unit weight calculation:	Based on SBT	K_0 applied:	Yes	MSF method:	Method based

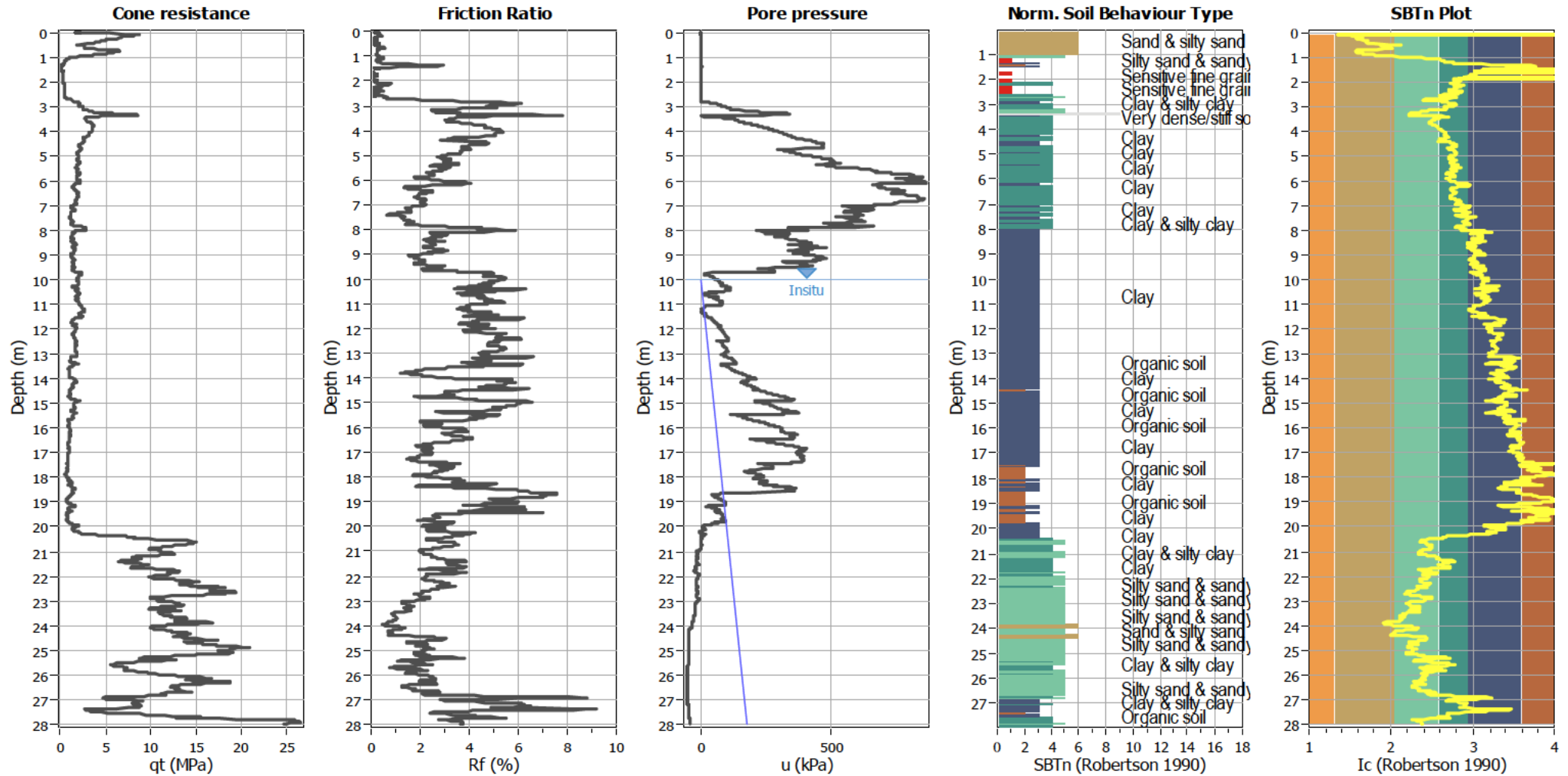


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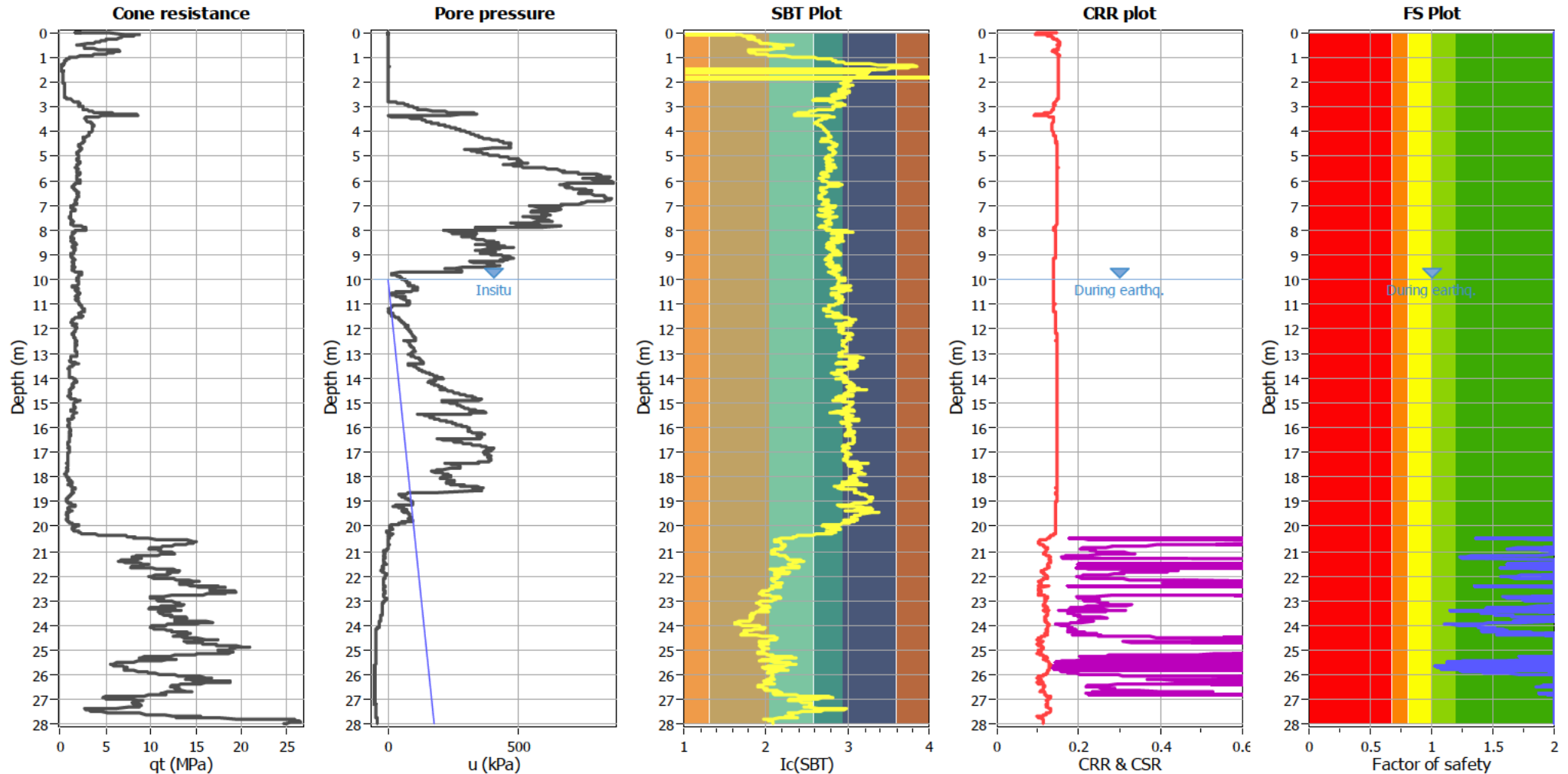
Project: 2-WLASS.BN Geotech and Risk Assessment Sonning Carpark - ULS for IL3
Location: Sonning Carpark 191 River Road, Hamilton

CPT: CPT01

Total depth: 27.97 m

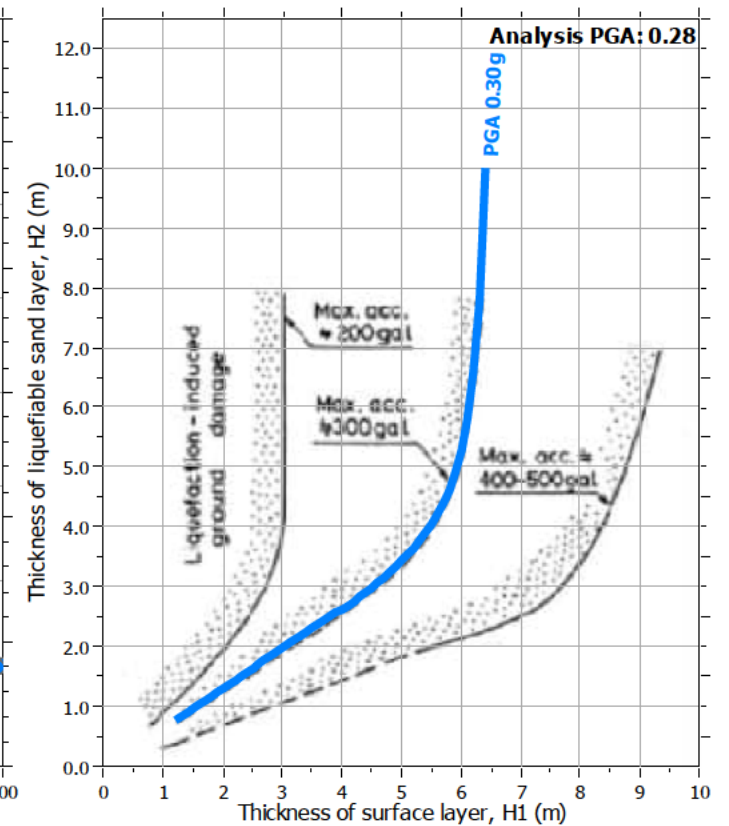
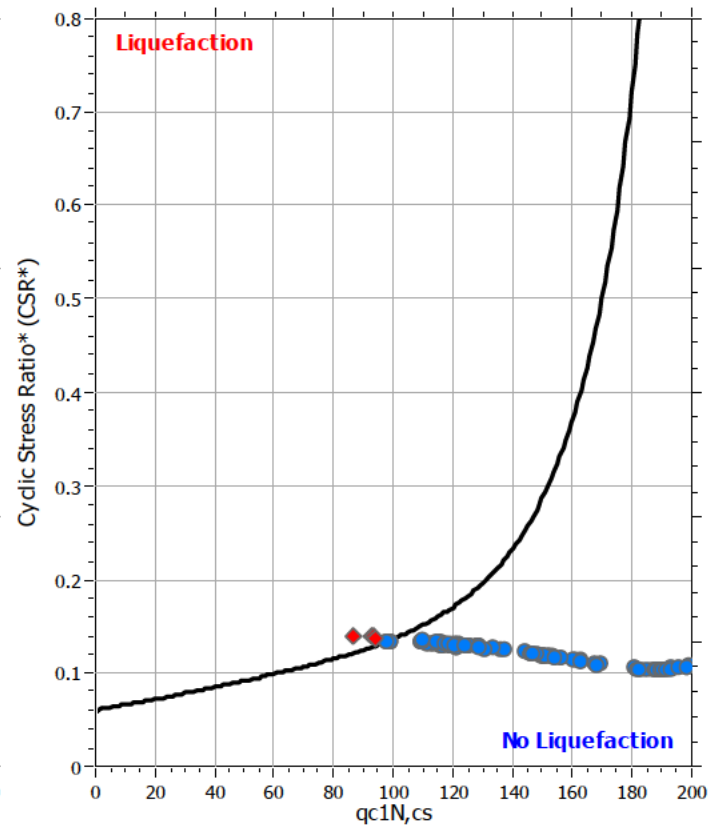
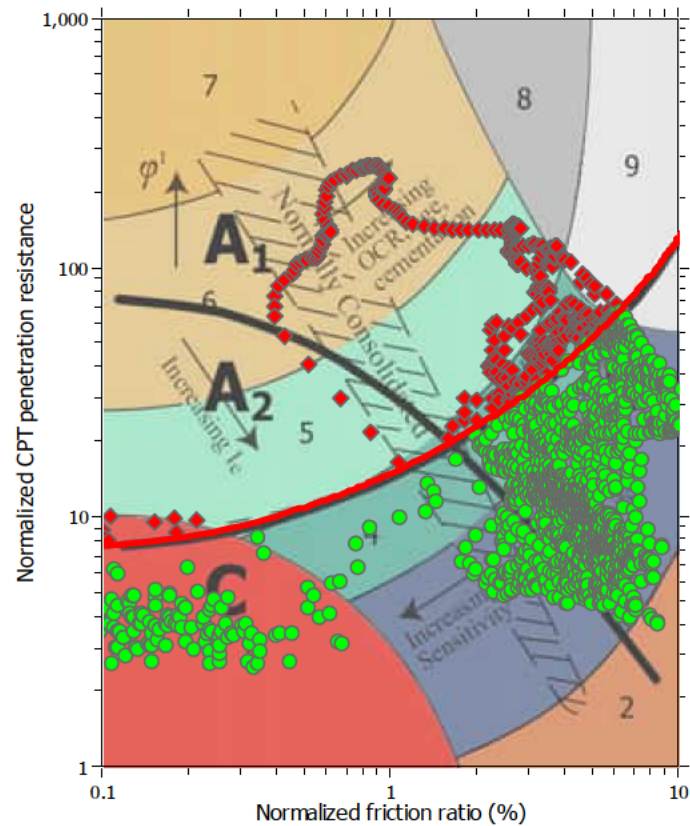


Analysis method:	B&I (2014)	G.W.T. (in-situ):	10.00 m	Use fill:	No	Clay like behavior
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	10.00 m	Fill height:	N/A	applied:
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:
Earthquake magnitude M_w :	5.90	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:
Peak ground acceleration:	0.28	Unit weight calculation:	Based on SBT	K_0 applied:	Yes	MSF method:
						Method based



Analysis method:	B&I (2014)	G.W.T. (in-situ):	10.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	10.00 m	Fill height:	N/A	applied:	.
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude M_w :	5.90	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.28	Unit weight calculation:	Based on SBT	K_0 applied:	Yes	MSF method:	Method based

Liquefaction analysis summary plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	10.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K ₀ applied:	Yes
Earthquake magnitude M _w :	5.90	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.28	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	10.00 m	Fill height:	N/A	Limit depth:	N/A

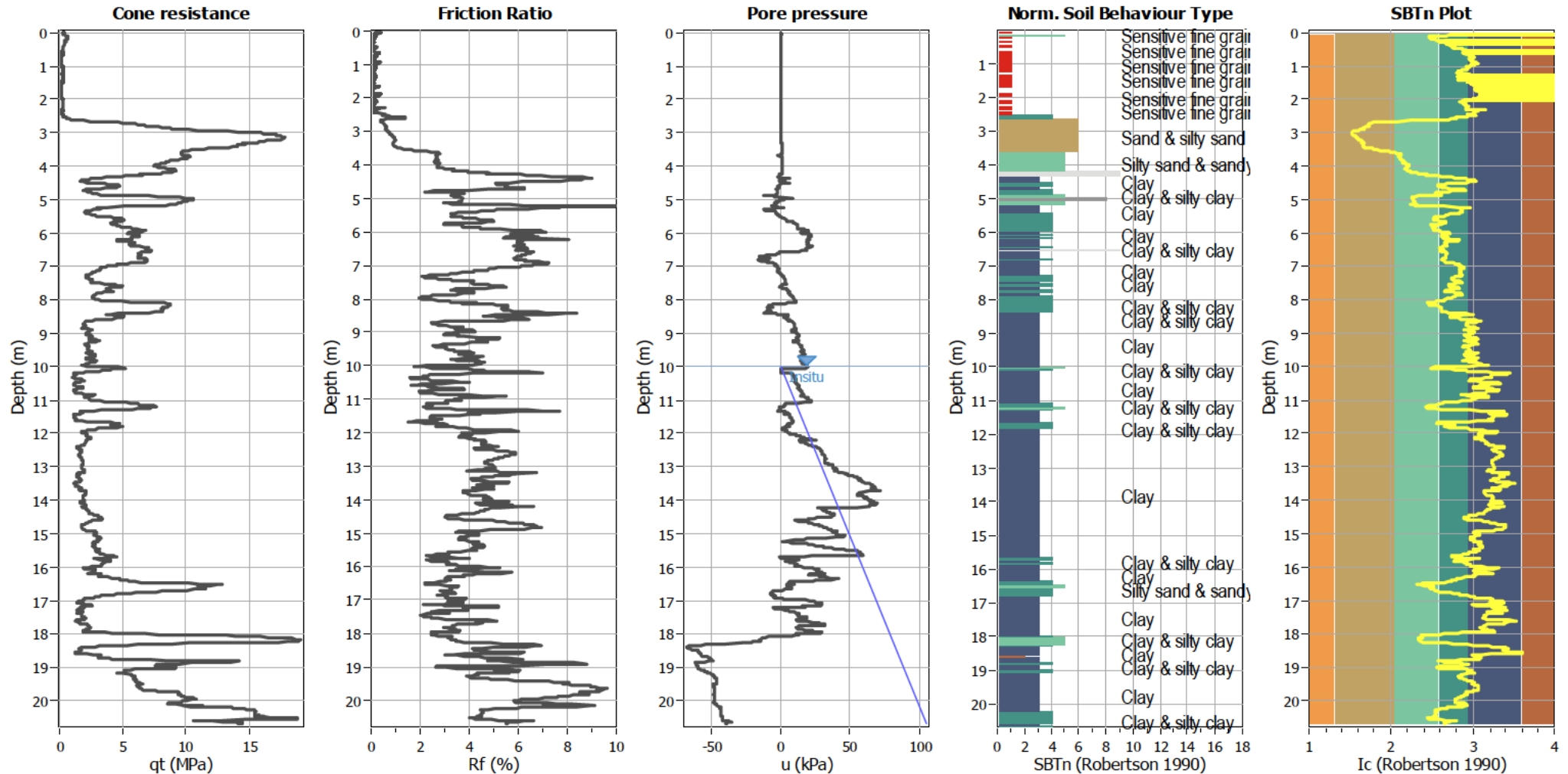


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Project: 2-WLASS.BN Geotech and Risk Assessment Sonning Carpark - ULS for IL3
Location: Sonning Carpark 191 River Road, Hamilton

CPT: CPT02

Total depth: 20.69 m



Analysis method:	B&I (2014)	G.W.T. (in-situ):	10.00 m	Use fill:	No	Clay like behavior
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	10.00 m	Fill height:	N/A	applied:
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:
Earthquake magnitude M_w :	5.90	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:
Peak ground acceleration:	0.28	Unit weight calculation:	Based on SBT	K_0 applied:	Yes	MSF method:
						Method based

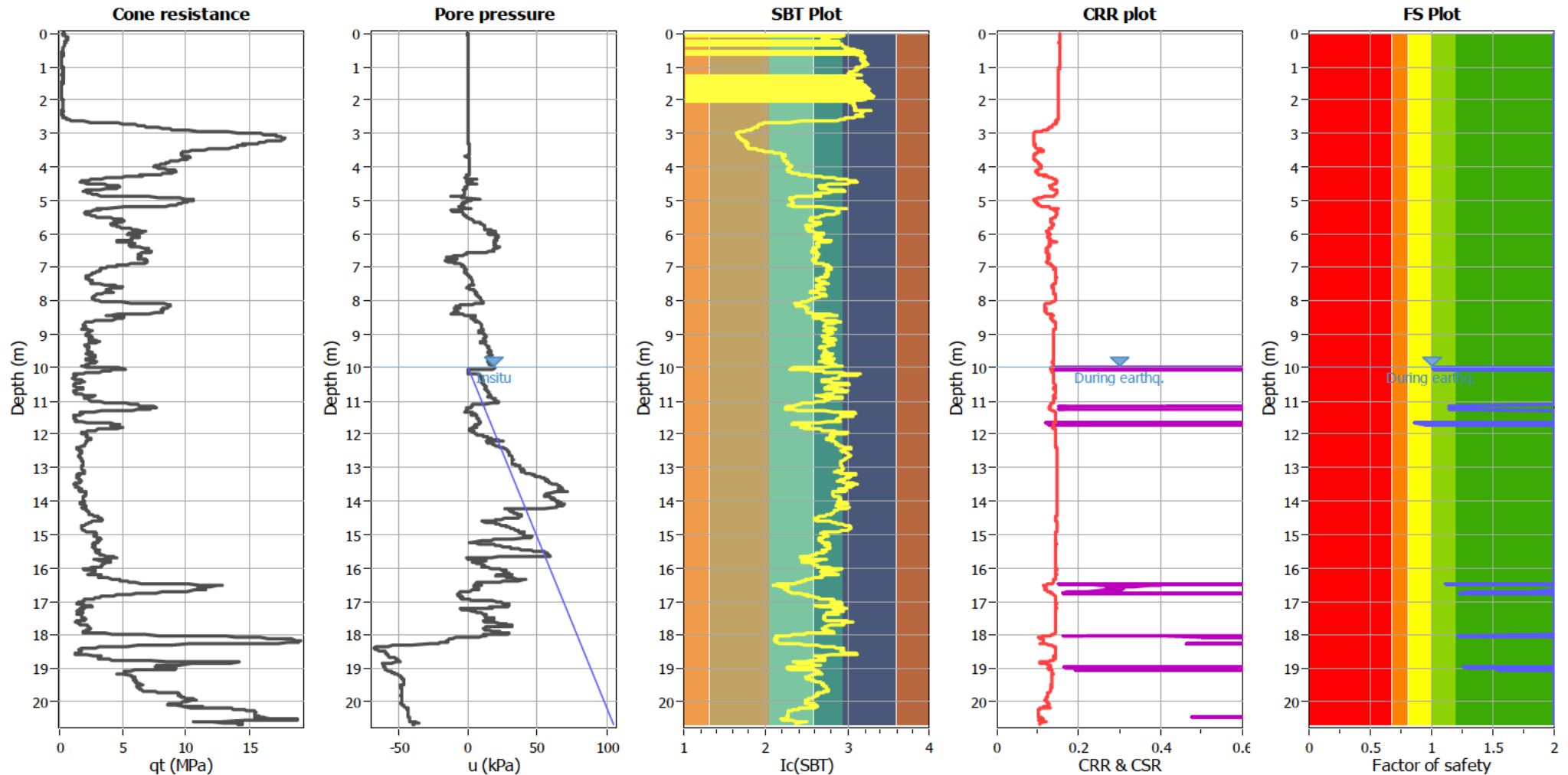


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Project: 2-WLASS.BN Geotech and Risk Assessment Sonning Carpark - ULS for IL3
Location: Sonning Carpark 191 River Road, Hamilton

CPT: CPT02

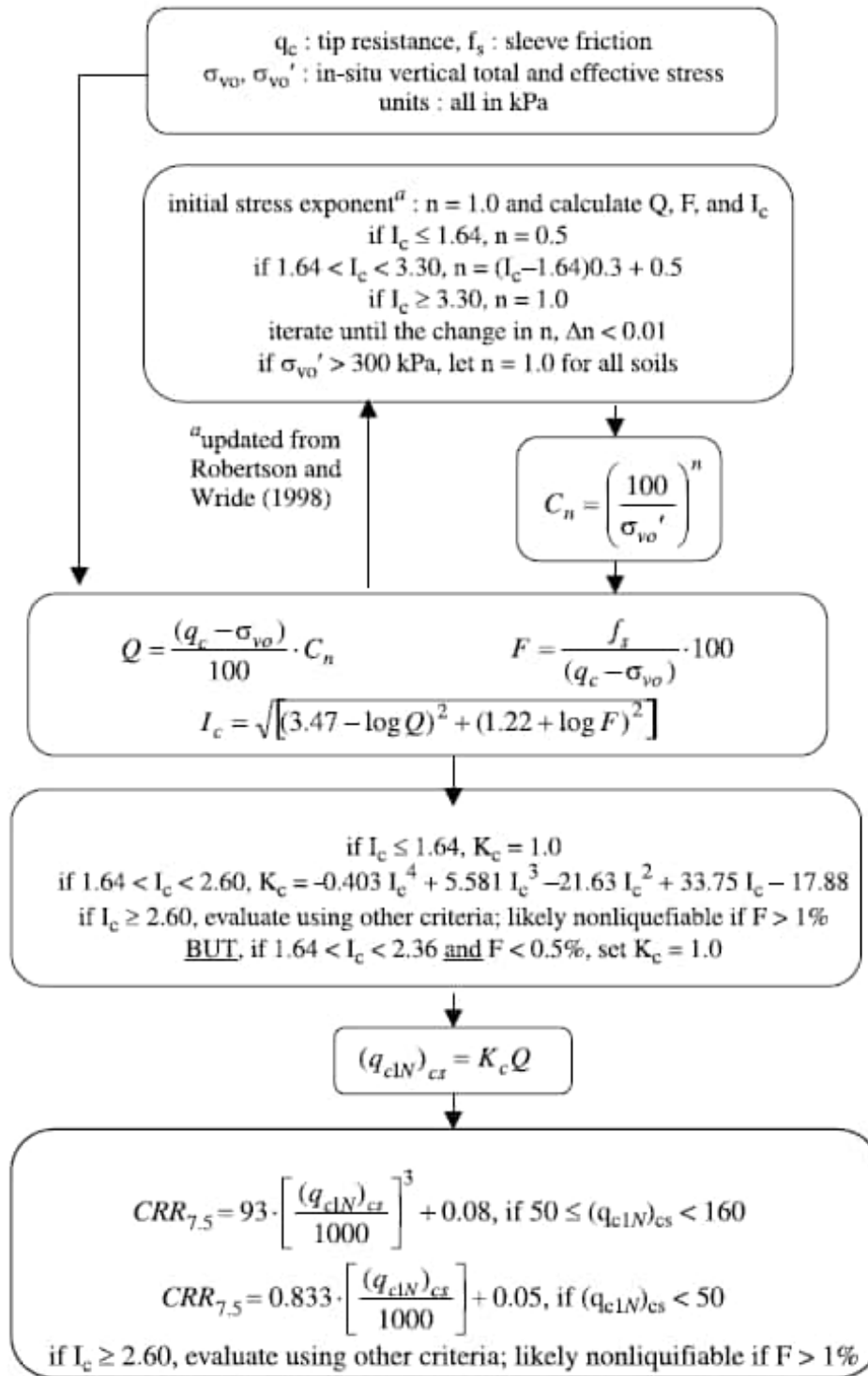
Total depth: 20.69 m



Analysis method:	B&I (2014)	G.W.T. (in-situ):	10.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	10.00 m	Fill height:	N/A	applied:	.
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude M_w :	5.90	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.28	Unit weight calculation:	Based on SBT	K_0 applied:	Yes	MSF method:	Method based

Procedure for the evaluation of soil liquefaction resistance, NCEER (1998)

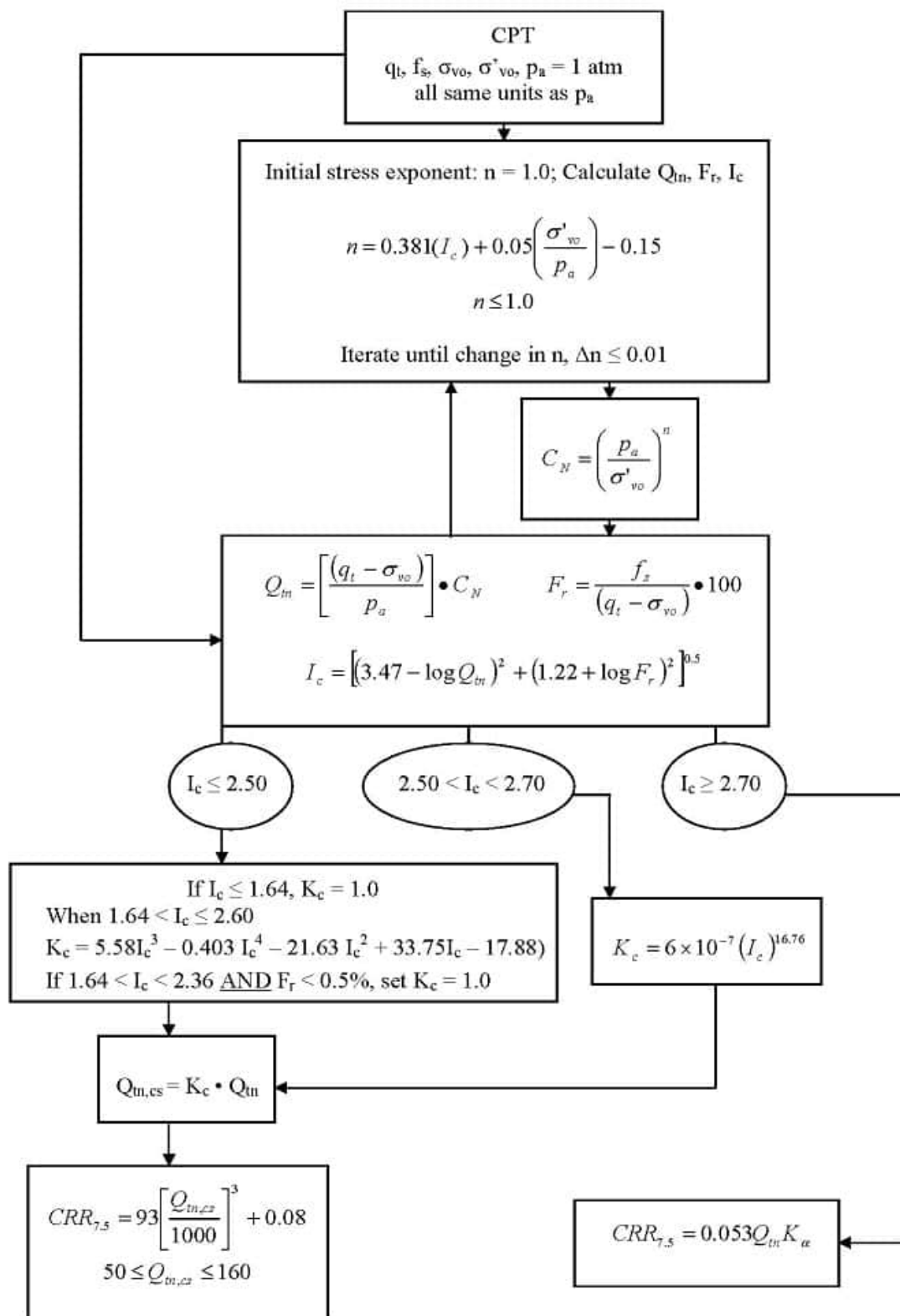
Calculation of soil resistance against liquefaction is performed according to the Robertson & Wride (1998) procedure. The procedure used in the software, slightly differs from the one originally published in NCEER-97-0022 (Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils). The revised procedure is presented below in the form of a flowchart¹:



¹ "Estimating liquefaction-induced ground settlements from CPT for level ground", G. Zhang, P.K. Robertson, and R.W.I. Brachman

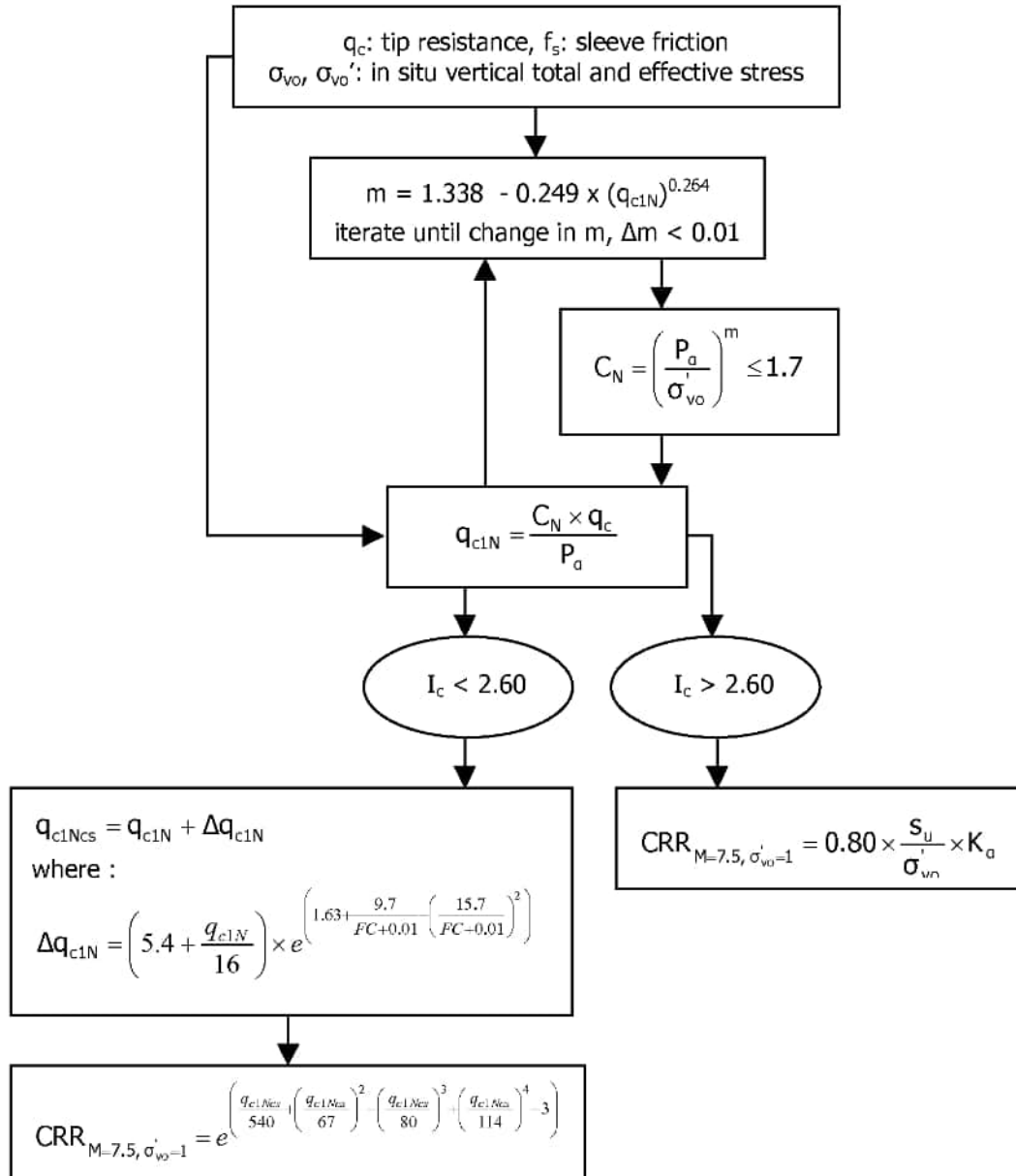
Procedure for the evaluation of soil liquefaction resistance (all soils), Robertson (2010)

Calculation of soil resistance against liquefaction is performed according to the Robertson & Wride (1998) procedure. This procedure used in the software, slightly differs from the one originally published in NCEER-97-0022 (Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils). The revised procedure is presented below in the form of a flowchart¹:

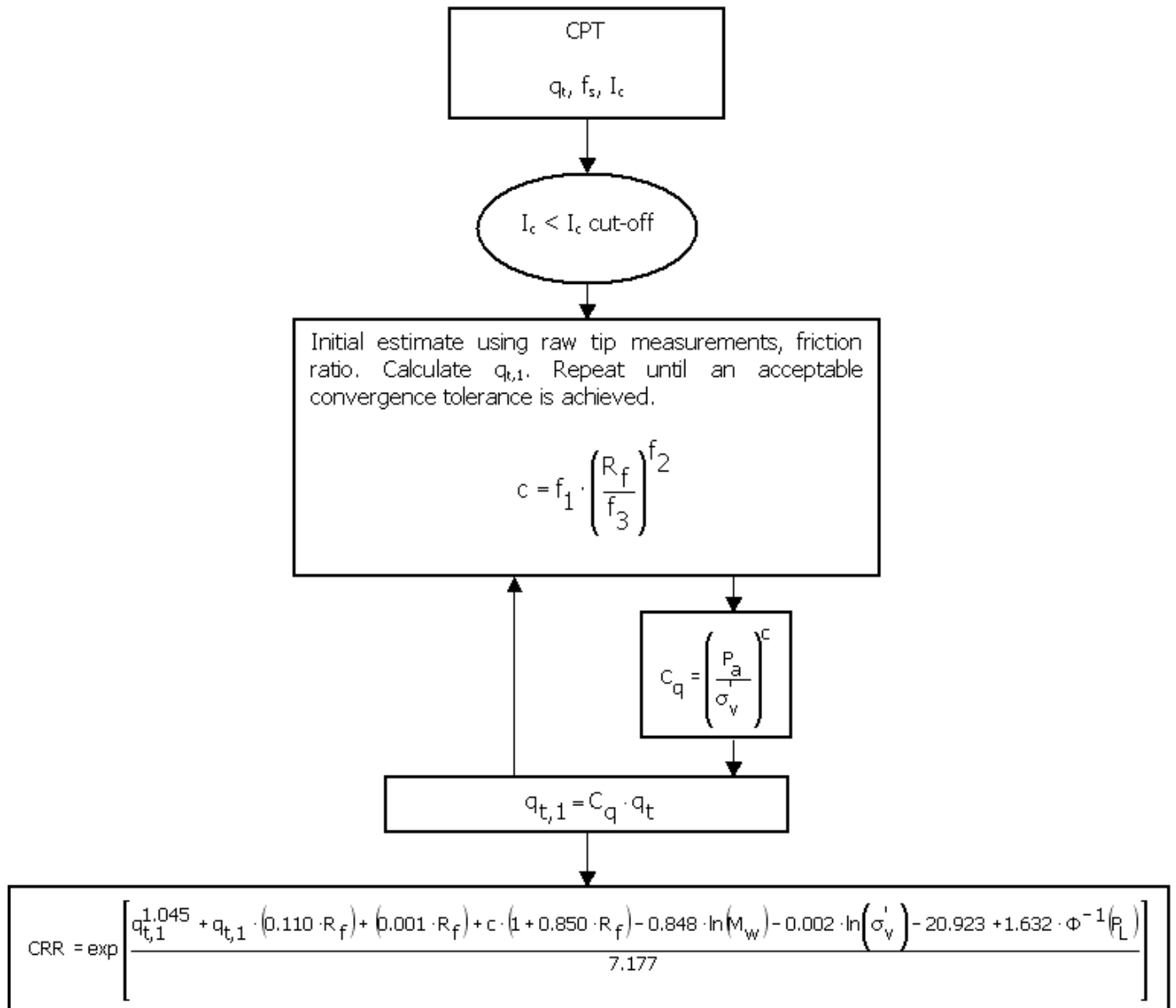


¹ P.K. Robertson, 2009. "Performance based earthquake design using the CPT", Keynote Lecture, International Conference on Performance-based Design in Earthquake Geotechnical Engineering – from case history to practice, IS-Tokyo, June 2009

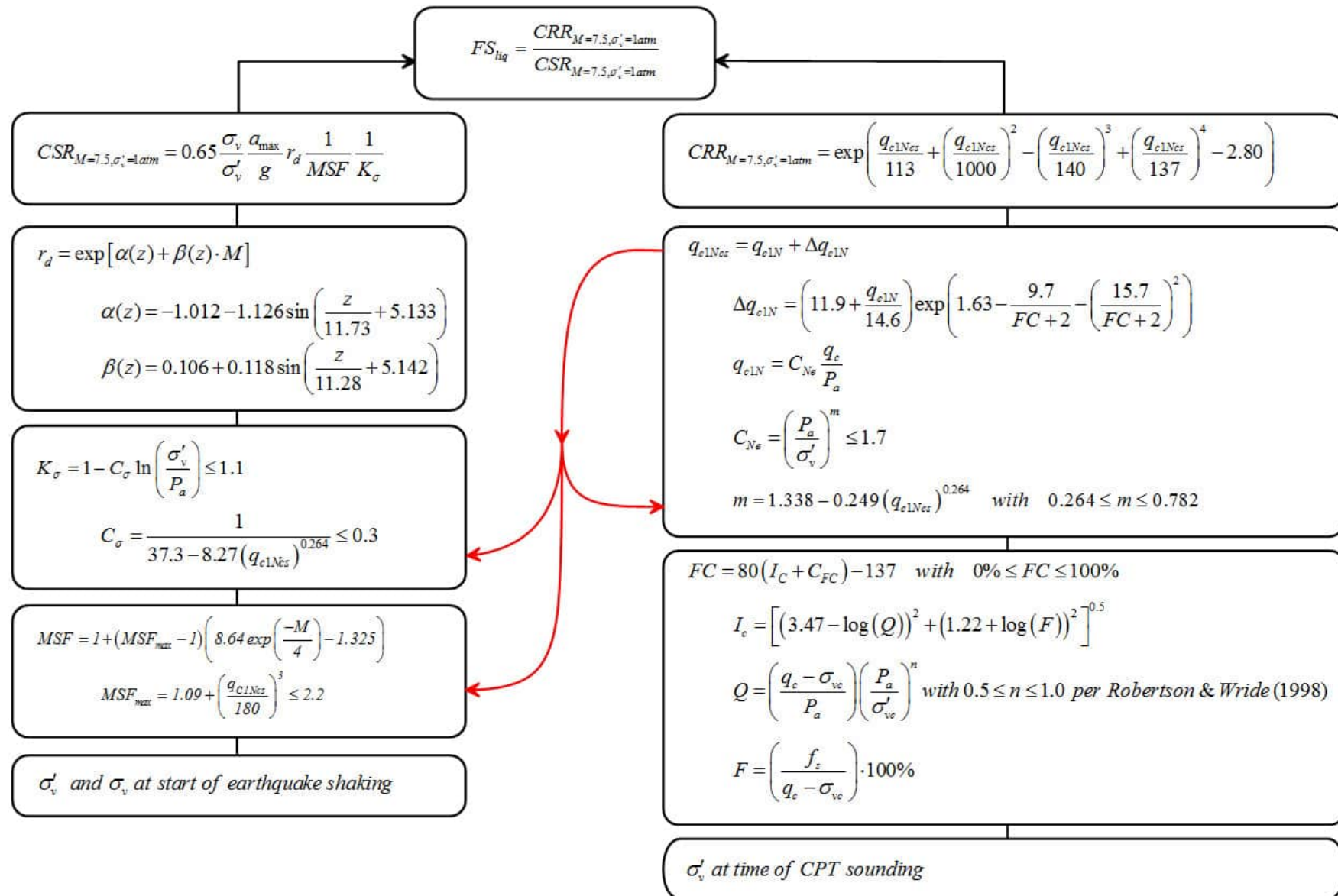
Procedure for the evaluation of soil liquefaction resistance, Idriss & Boulanger (2008)



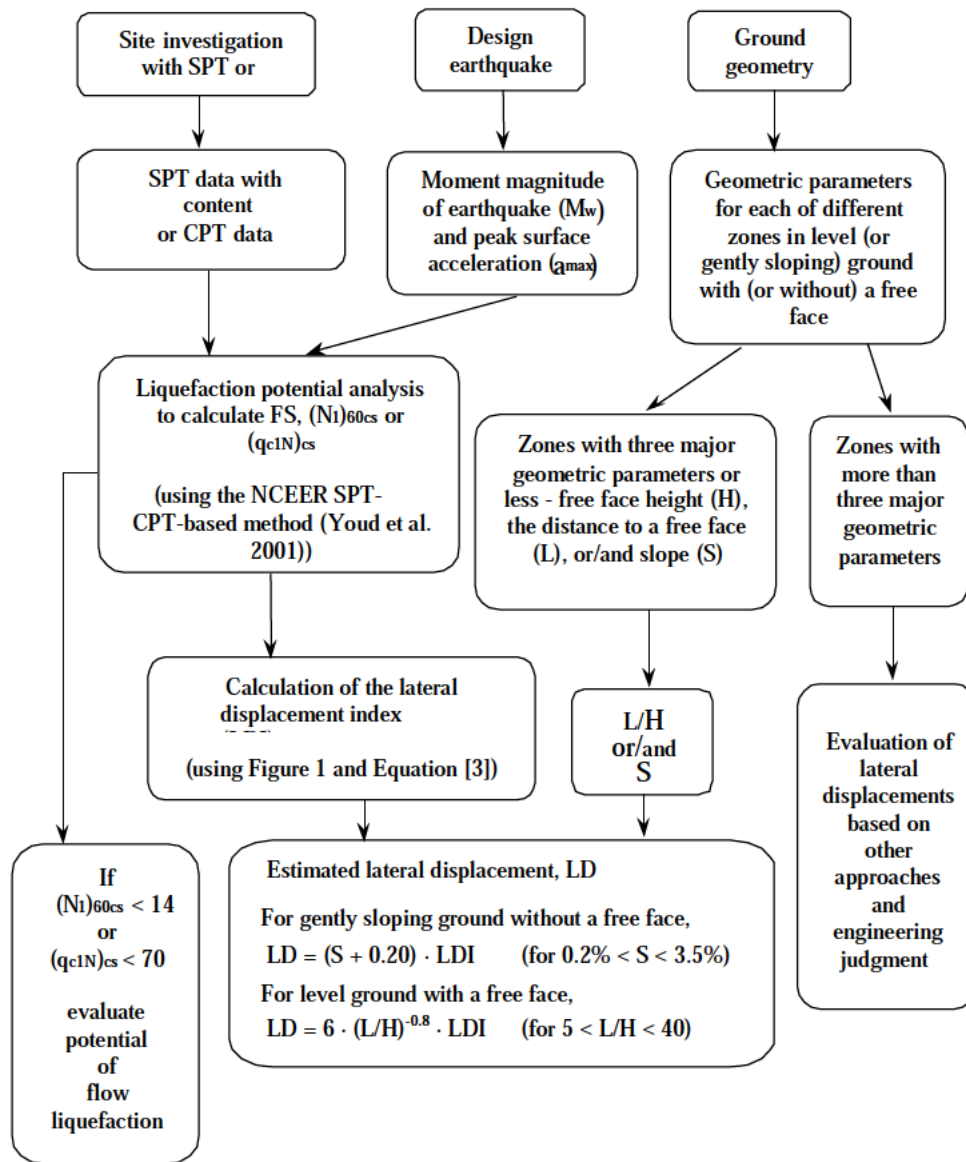
Procedure for the evaluation of soil liquefaction resistance (sandy soils), Moss et al. (2006)



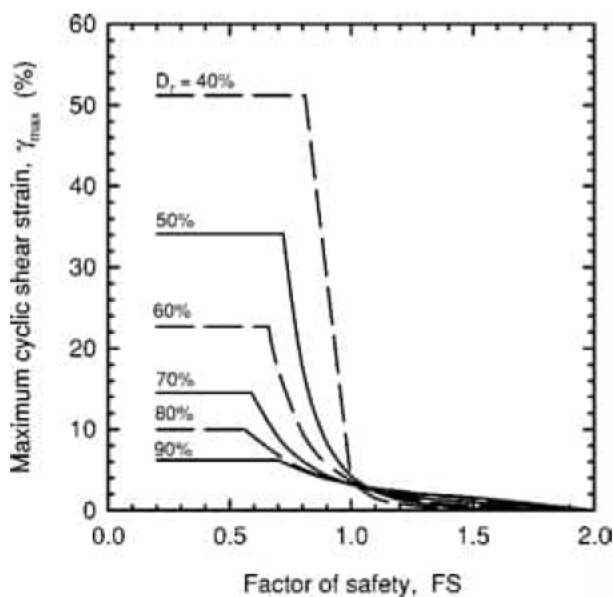
Procedure for the evaluation of soil liquefaction resistance, Boulanger & Idriss(2014)



Procedure for the evaluation of liquefaction-induced lateral spreading displacements



¹ Flow chart illustrating major steps in estimating liquefaction-induced lateral spreading displacements using the proposed approach



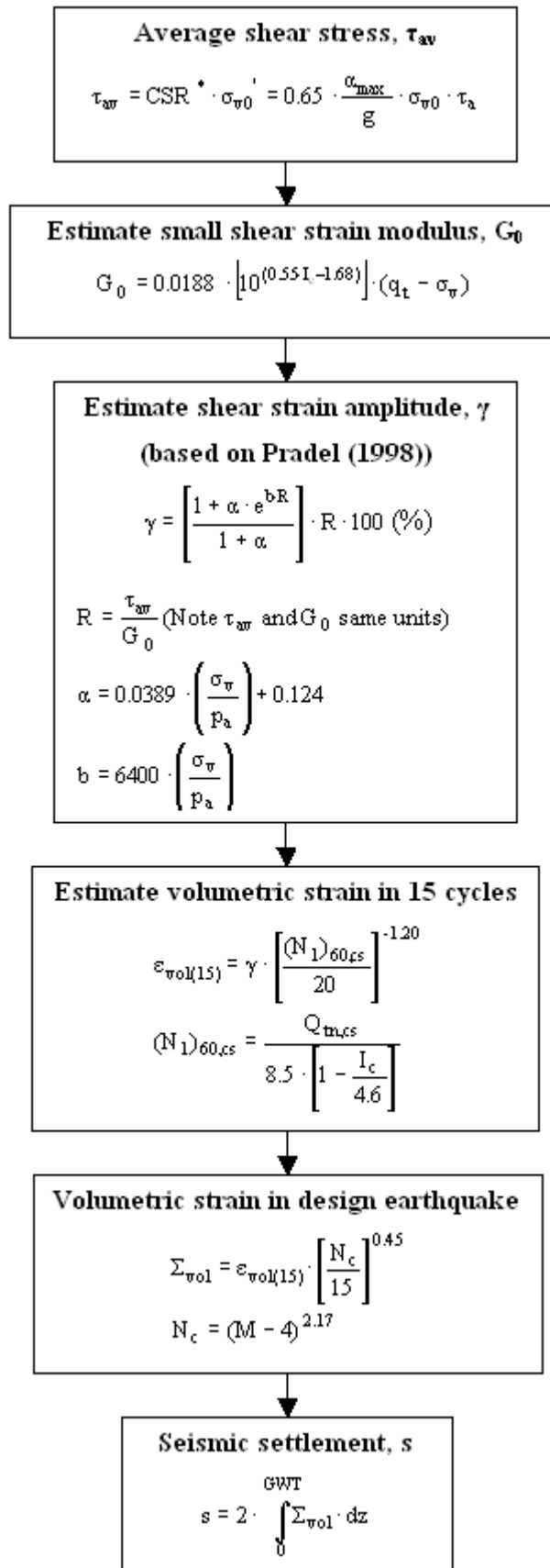
¹ Figure 1

$$LDI = \int_0^{Z_{max}} \gamma_{max} dz$$

¹ Equation [3]

¹ "Estimating liquefaction-induced ground settlements from CPT for level ground", G. Zhang, P.K. Robertson, and R.W.I. Brachman

Procedure for the estimation of seismic induced settlements in dry sands



Robertson, P.K. and Lisheng, S., 2010, "Estimation of seismic compression in dry soils using the CPT" FIFTH INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN GEOTECHNICAL EARTHQUAKE ENGINEERING AND SOIL DYNAMICS, Symposium in honor of professor I. M. Idriss, San Diego, CA

Liquefaction Potential Index (LPI) calculation procedure

Calculation of the Liquefaction Potential Index (LPI) is used to interpret the liquefaction assessment calculations in terms of severity over depth. The calculation procedure is based on the methodology developed by Iwasaki (1982) and is adopted by AFPS.

To estimate the severity of liquefaction extent at a given site, LPI is calculated based on the following equation:

$$\text{LPI} = \int_0^{20} (10 - 0.5z) \times F_L \times dz$$

where:

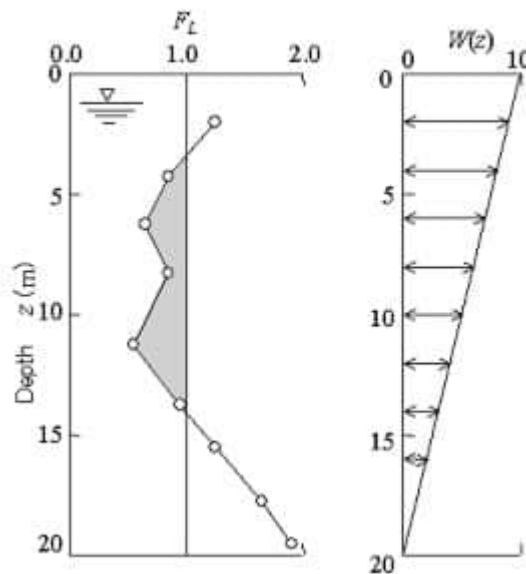
$F_L = 1 - \text{F.S.}$ when F.S. less than 1

$F_L = 0$ when F.S. greater than 1

z depth of measurement in meters

Values of LPI range between zero (0) when no test point is characterized as liquefiable and 100 when all points are characterized as susceptible to liquefaction. Iwasaki proposed four (4) discrete categories based on the numeric value of LPI:

- $\text{LPI} = 0$: Liquefaction risk is very low
- $0 < \text{LPI} \leq 5$: Liquefaction risk is low
- $5 < \text{LPI} \leq 15$: Liquefaction risk is high
- $\text{LPI} > 15$: Liquefaction risk is very high



Graphical presentation of the LPI calculation procedure

Shear-Induced Building Settlement (Ds) calculation procedure

The shear-induced building settlement (Ds) due to liquefaction below the building can be estimated using the relationship developed by Bray and Macedo (2017):

$$\begin{aligned} \ln(Ds) = & c1 + c2 * LBS + 0.58 * \ln\left(\tanh\left(\frac{HL}{6}\right)\right) + \\ & 4.59 * \ln(Q) - 0.42 * \ln(Q)^2 - 0.02 * B + \\ & 0.84 * \ln(CAVdp) + 0.41 * \ln(Sa1) + \varepsilon \end{aligned}$$

where Ds is in the units of mm, c1= -8.35 and c2= 0.072 for $LBS \leq 16$, and c1= -7.48 and c2= 0.014 otherwise. Q is the building contact pressure in units of kPa, HL is the cumulative thickness of the liquefiable layers in the units of m, B is the building width in the units of m, CAVdp is a standardized version of the cumulative absolute velocity in the units of g-s, Sa1 is 5%-damped pseudo-acceleration response spectral value at a period of 1 s in the units of g, and ε is a normal random variable with zero mean and 0.50 standard deviation in Ln units. The liquefaction-induced building settlement index (LBS) is:

$$LBS = \sum W * \frac{\varepsilon_{shear}}{z} dz$$

where z (m) is the depth measured from the ground surface > 0 , W is a foundation-weighting factor wherein $W = 0.0$ for z less than Df, which is the embedment depth of the foundation, and $W = 1.0$ otherwise. The shear strain parameter (ε_{shear}) is the liquefaction-induced free-field shear strain (in %) estimated using Zhang et al. (2004). It is calculated based on the estimated Dr of the liquefied soil layer and the calculated safety factor against liquefaction triggering (FSL).

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- Jonathan D. Bray & Jorge Macedo, Department of Civil & Environmental Engineering, Univ. of California, Berkeley, CA, USA, Simplified procedure for estimating liquefaction-induced building settlement, *Proceedings of the 19th International Conference*



Project title : 2-WLASS.BN Geotech and Risk Assessment Sonning Carpark - ULS for IL3

Location : Sonning Carpark 191 River Road, Hamilton

Overall Liquefaction Potential Index report





Project title : 2-WLASS.BN Geotech and Risk Assessment Sonning Carpark - ULS for IL3

Location : Sonning Carpark 191 River Road, Hamilton

Overall Liquefaction Severity Number report



LSN color scheme

- Severe damage
- Major expression of liquefaction
- Moderate to severe exp. of liquefaction
- Moderate expression of liquefaction
- Minor expression of liquefaction
- Little to no expression of liquefaction

Basic statistics

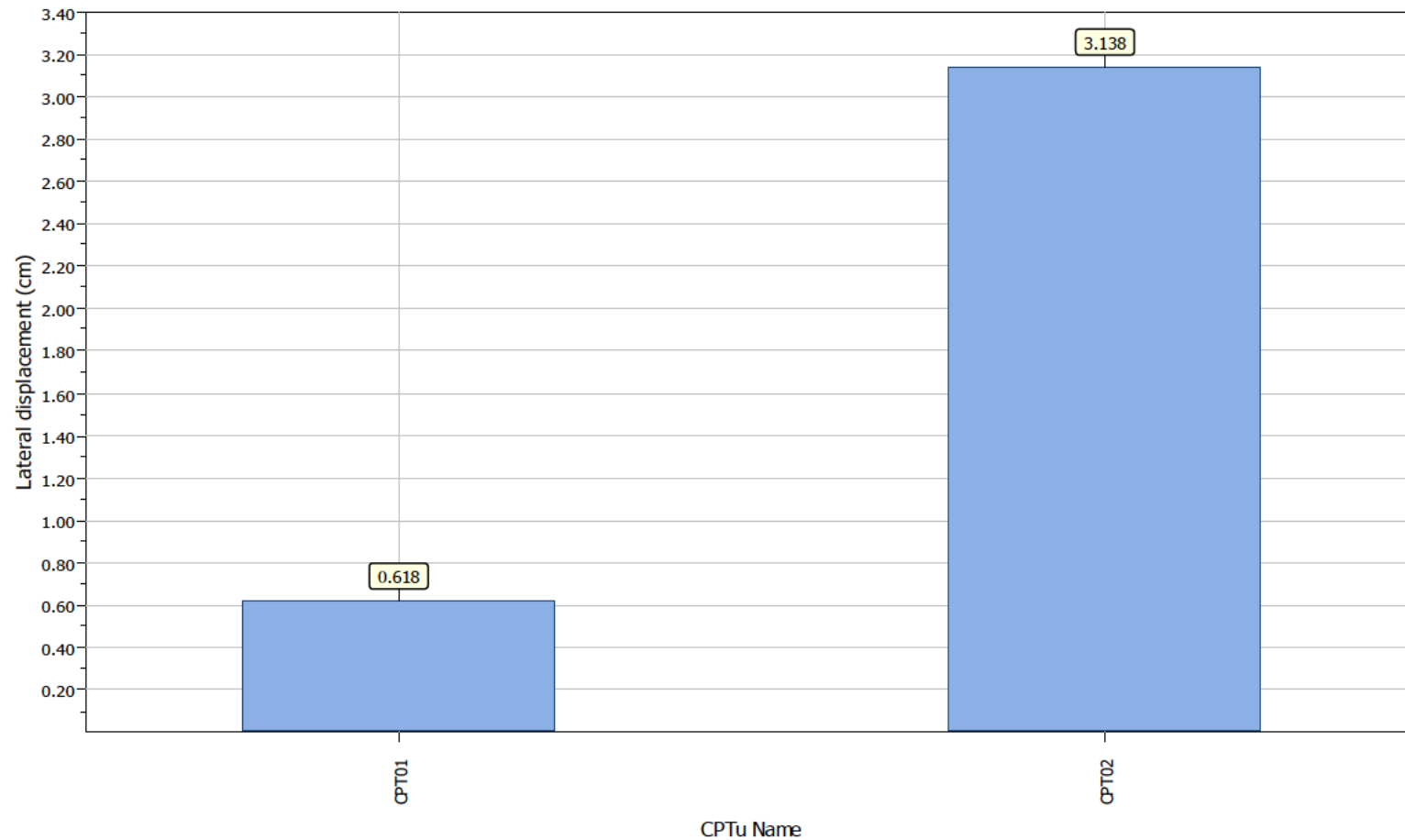
- Total CPT number: 2
- 100% little liquefaction
- 0% minor liquefaction
- 0% moderate liquefaction
- 0% moderate to major liquefaction
- 0% major liquefaction
- 0% severe liquefaction



Project title : 2-WLASS.BN Geotech and Risk Assessment Sonning Carpark - ULS for IL3

Location : Sonning Carpark 191 River Road, Hamilton

Overall lateral displacements report

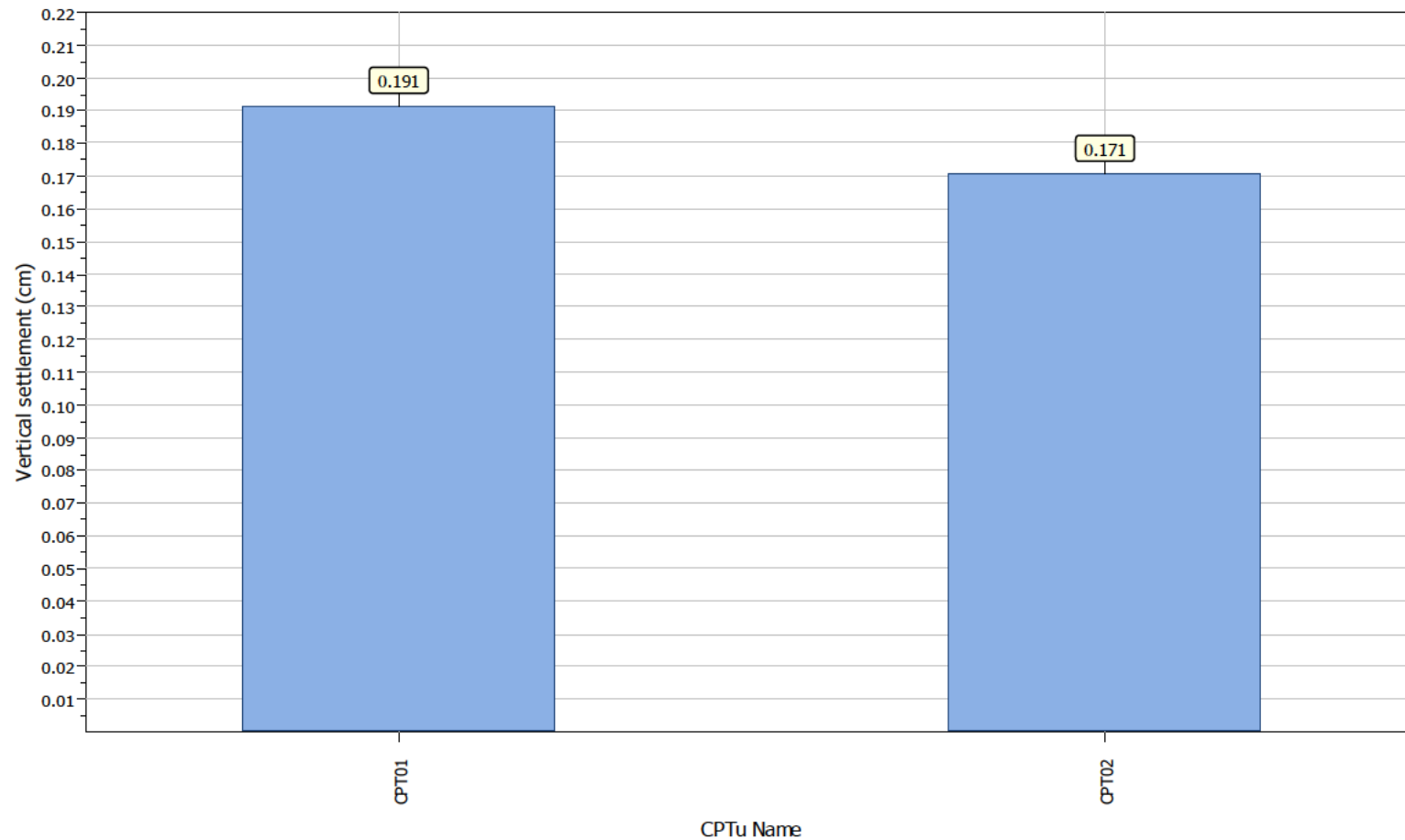




Project title : 2-WLASS.BN Geotech and Risk Assessment Sonning Carpark - ULS for IL3

Location : Sonning Carpark 191 River Road, Hamilton

Overall vertical settlements report

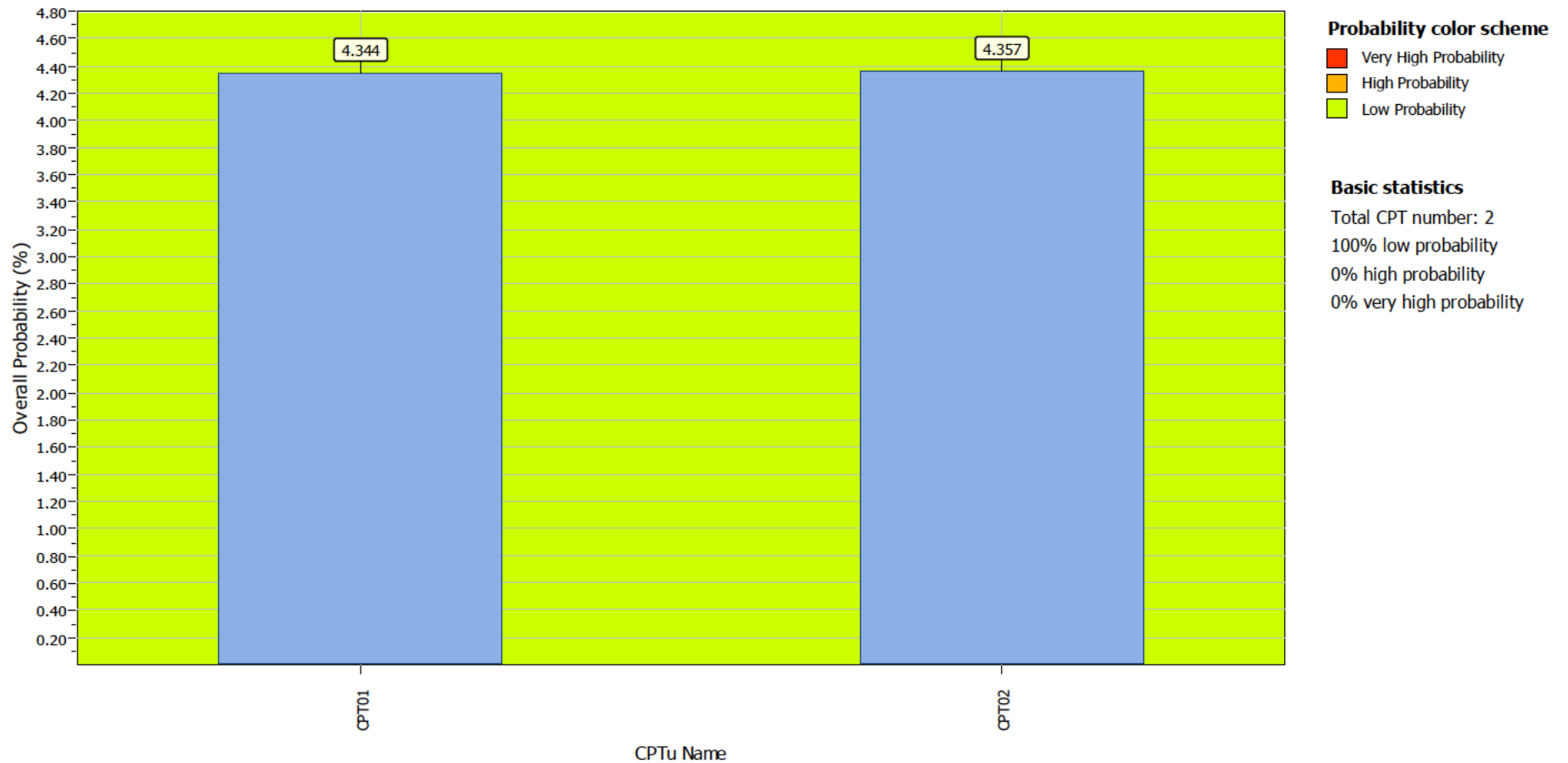


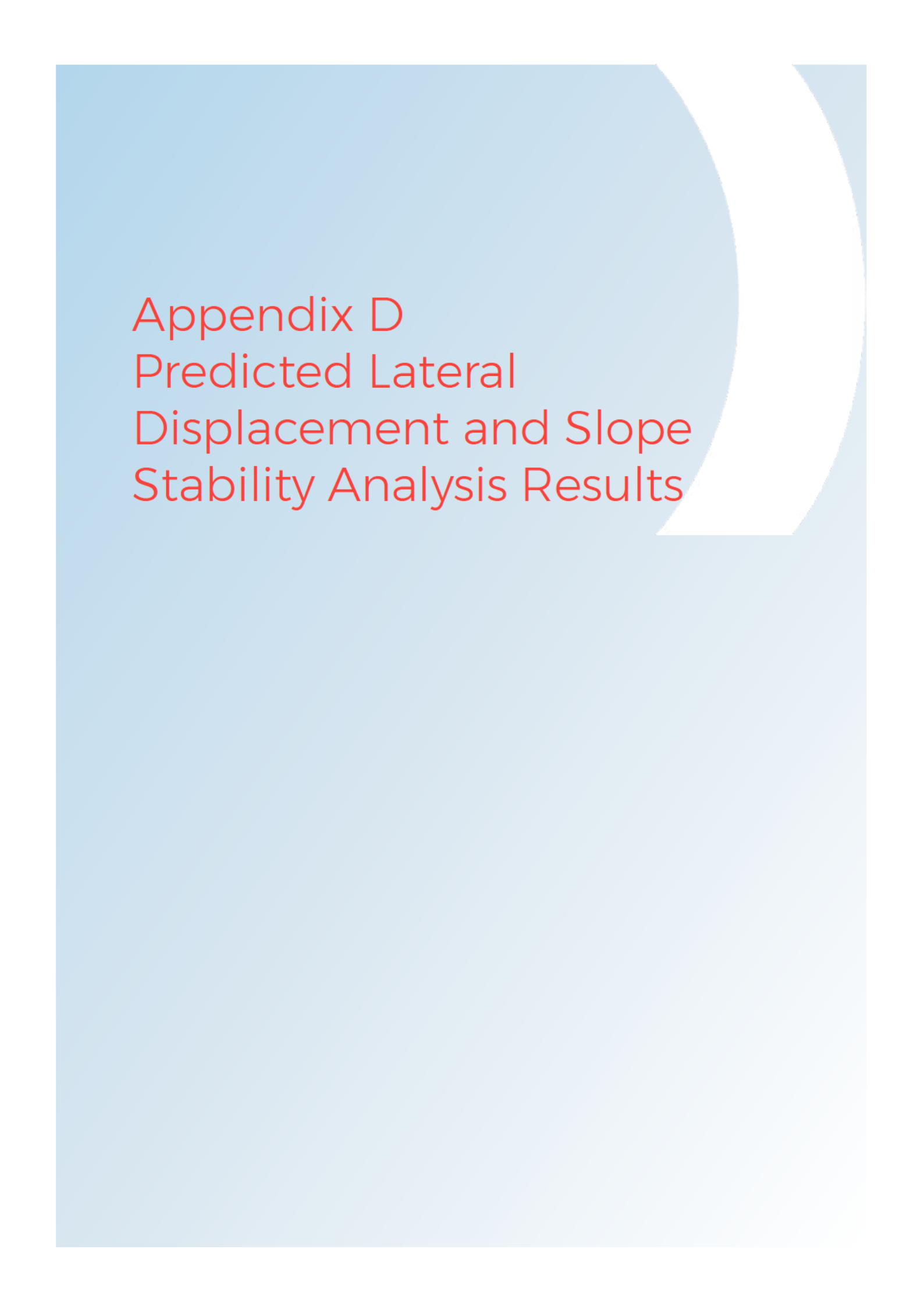


Project title : 2-WLASS.BN Geotech and Risk Assessment Sonning Carpark - ULS for IL3

Location : Sonning Carpark 191 River Road, Hamilton

Overall Probability for Liquefaction report



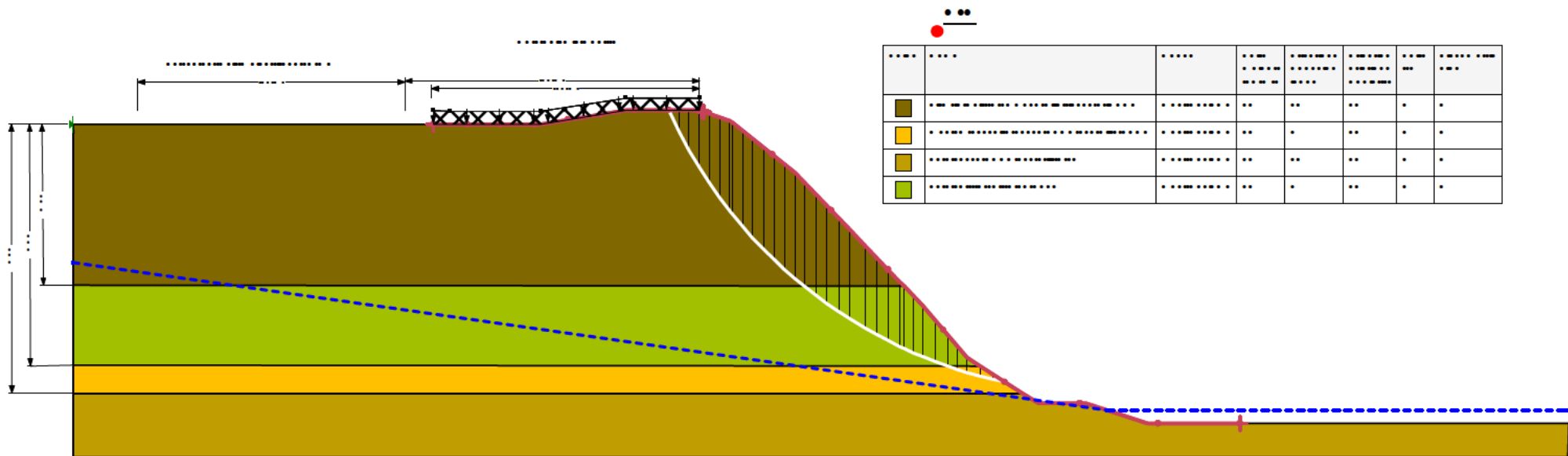


Appendix D

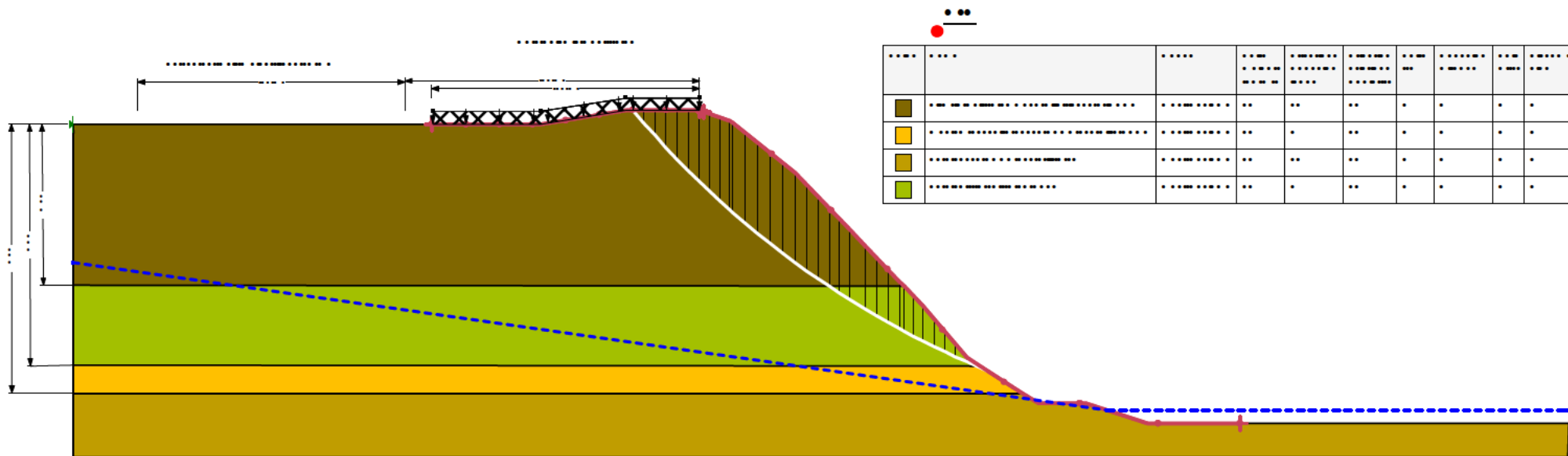
Predicted Lateral Displacement and Slope Stability Analysis Results

Section	Loading Case				Ambrasseys & Srbulov*		Jibson, 2007
		critical	design	kc/km value	Required Inputs		(mm)
		acceleration (kc)	acceleration (km)		Ms	reqd prob. of exceddance	
ULS for IL3 0.28g	100kPa	0.001	0.28	0.00	5.9	0.50	25,402.20
	25kPa	0.005	0.28	0.02	5.9	0.50	2,275.88
	15kPa	0.010	0.28	0.04	5.9	0.50	782.74
ULS for IL2 and Intermediate for IL3 0.22g	100kPa	0.001	0.22	0.00	5.9	0.50	17,745.19
	25kPa	0.005	0.22	0.02	5.9	0.50	1,575.11
	15kPa	0.010	0.22	0.05	5.9	0.50	535.21
Intermediate for IL2 0.11g	100kPa	0.001	0.11	0.01	5.9	0.50	6,302.57
	25kPa	0.005	0.11	0.05	5.9	0.50	535.21
	15kPa	0.010	0.11	0.09	5.9	0.50	171.45
SLS 0.05g	100kPa	0.001	0.05	0.02	5.9	0.50	1,915.10
	25kPa	0.005	0.05	0.10	5.9	0.50	145.46
	15kPa	0.010	0.05	0.20	5.9	0.50	39.66
std dev					0.58	0.454	

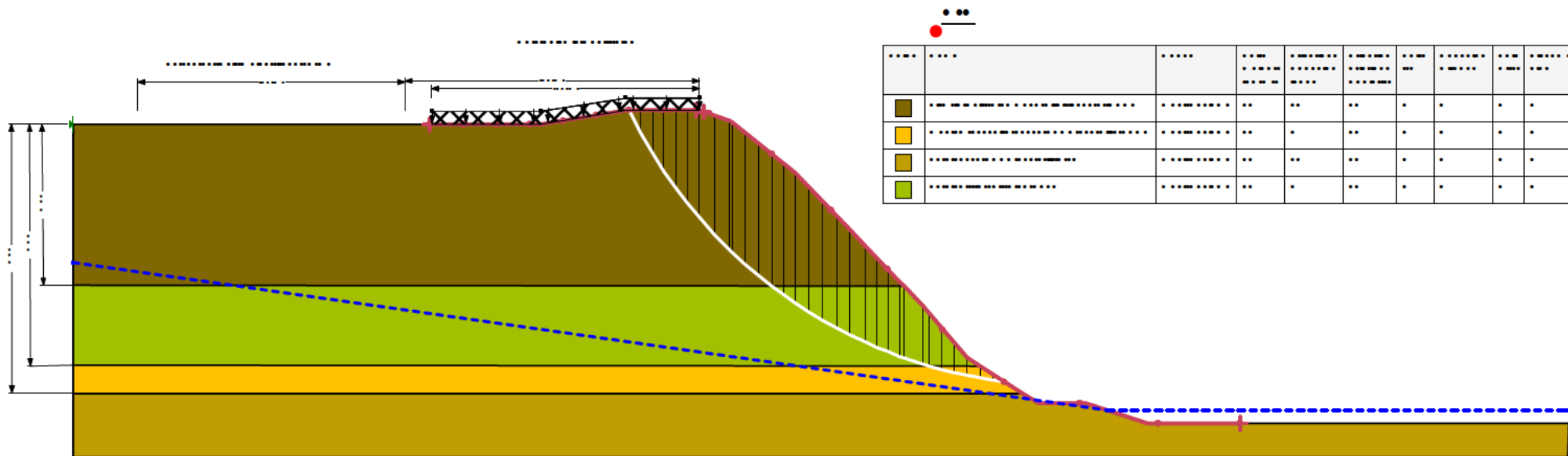
From Ambrasseys, N and Srbulov, M (1995). Earthquake Induced Displacements of Slopes. Soil Dynamics and Earthquake Engineering. 14 (1995). 59-71. Great Britain
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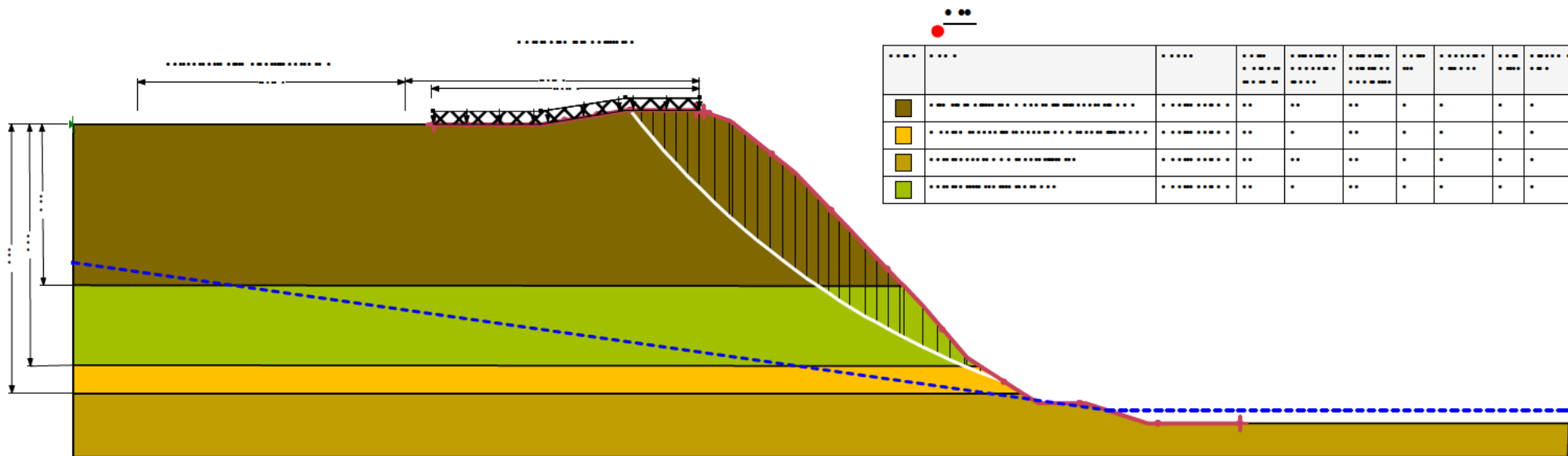
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Project Name				Client Name	
Project Address				Client Address	
Project Description				Client Contact	
Project Status				Client Signature	



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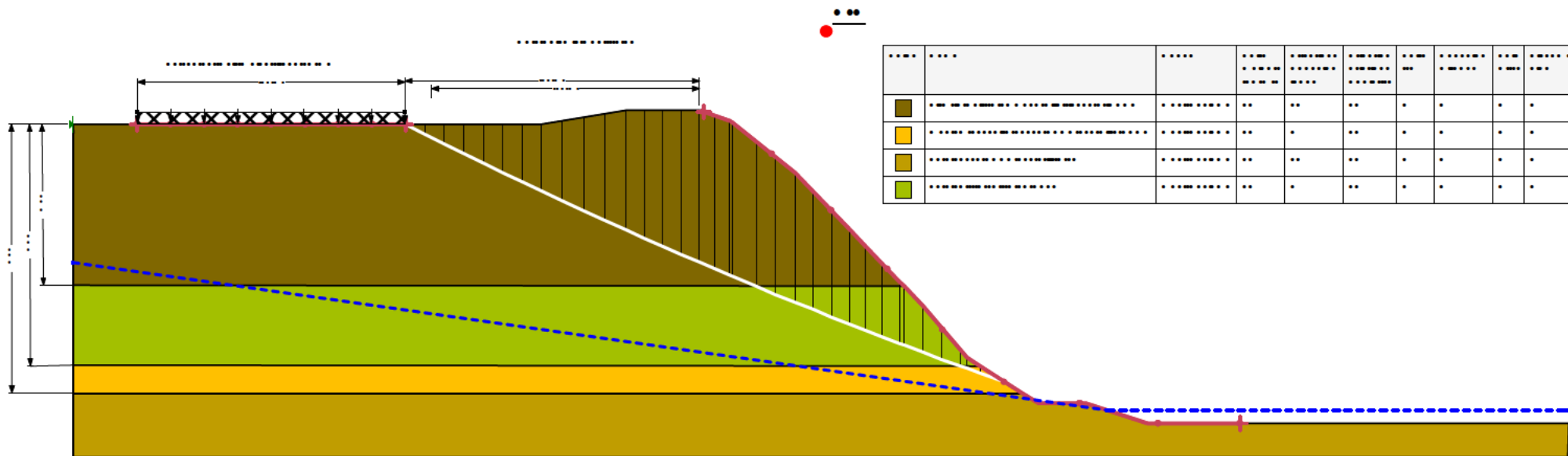


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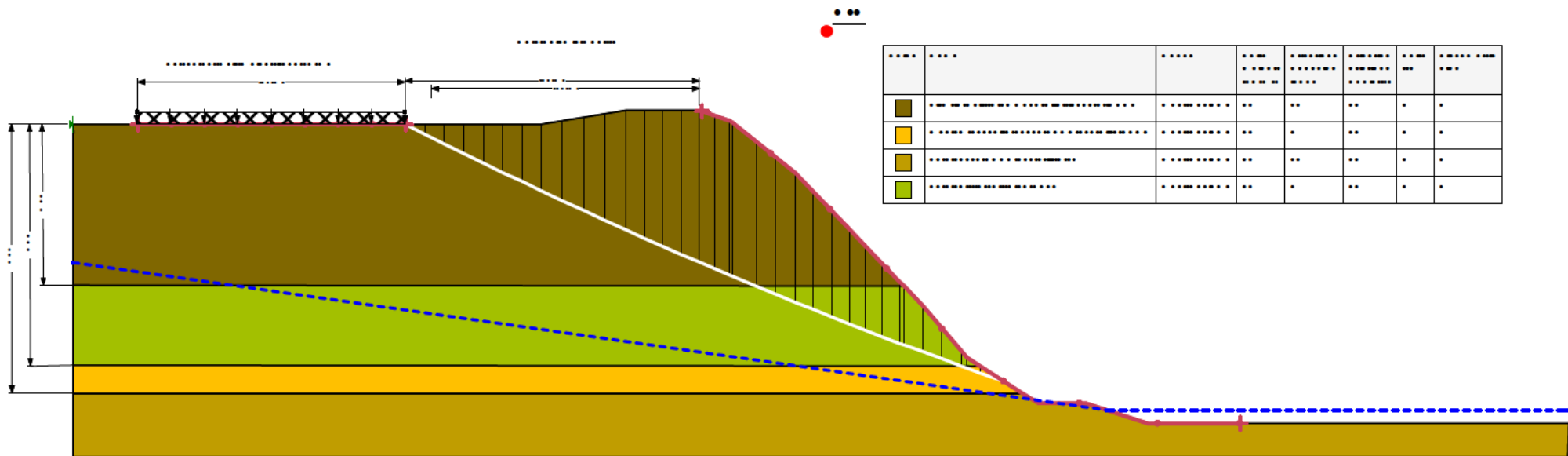
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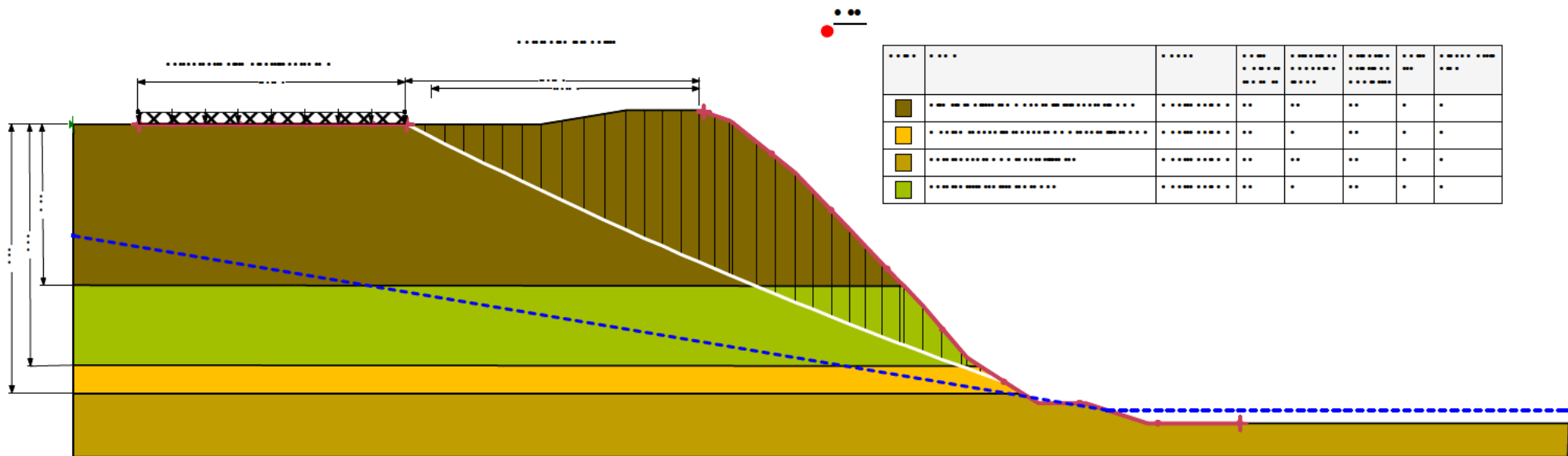
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Author: [Redacted]		Reviewer: [Redacted]		Approver: [Redacted]	



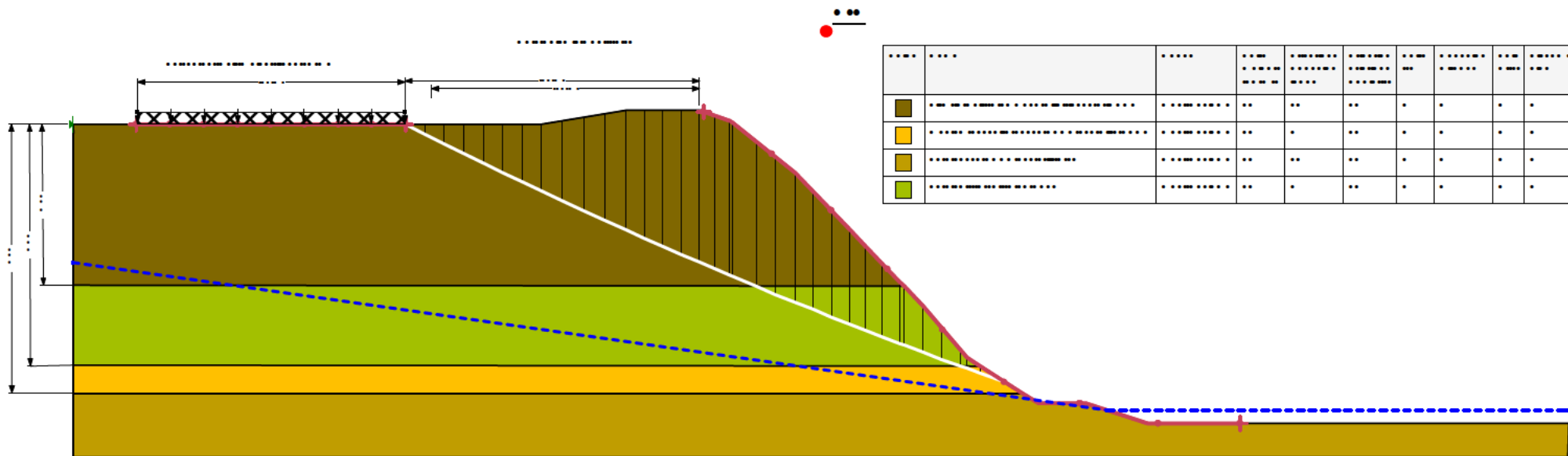
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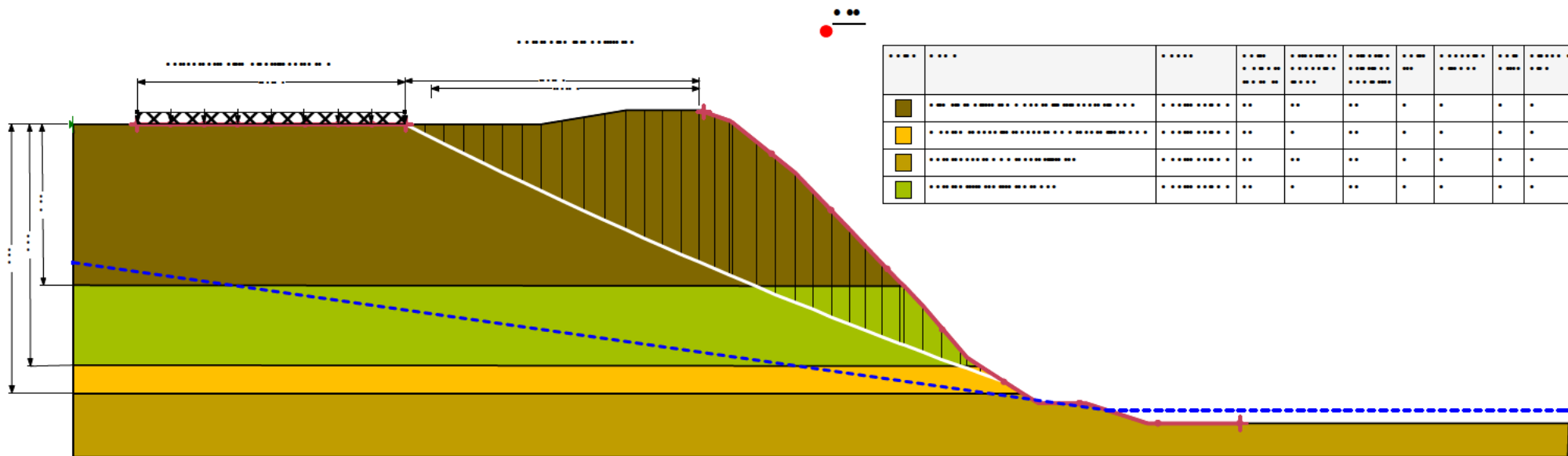


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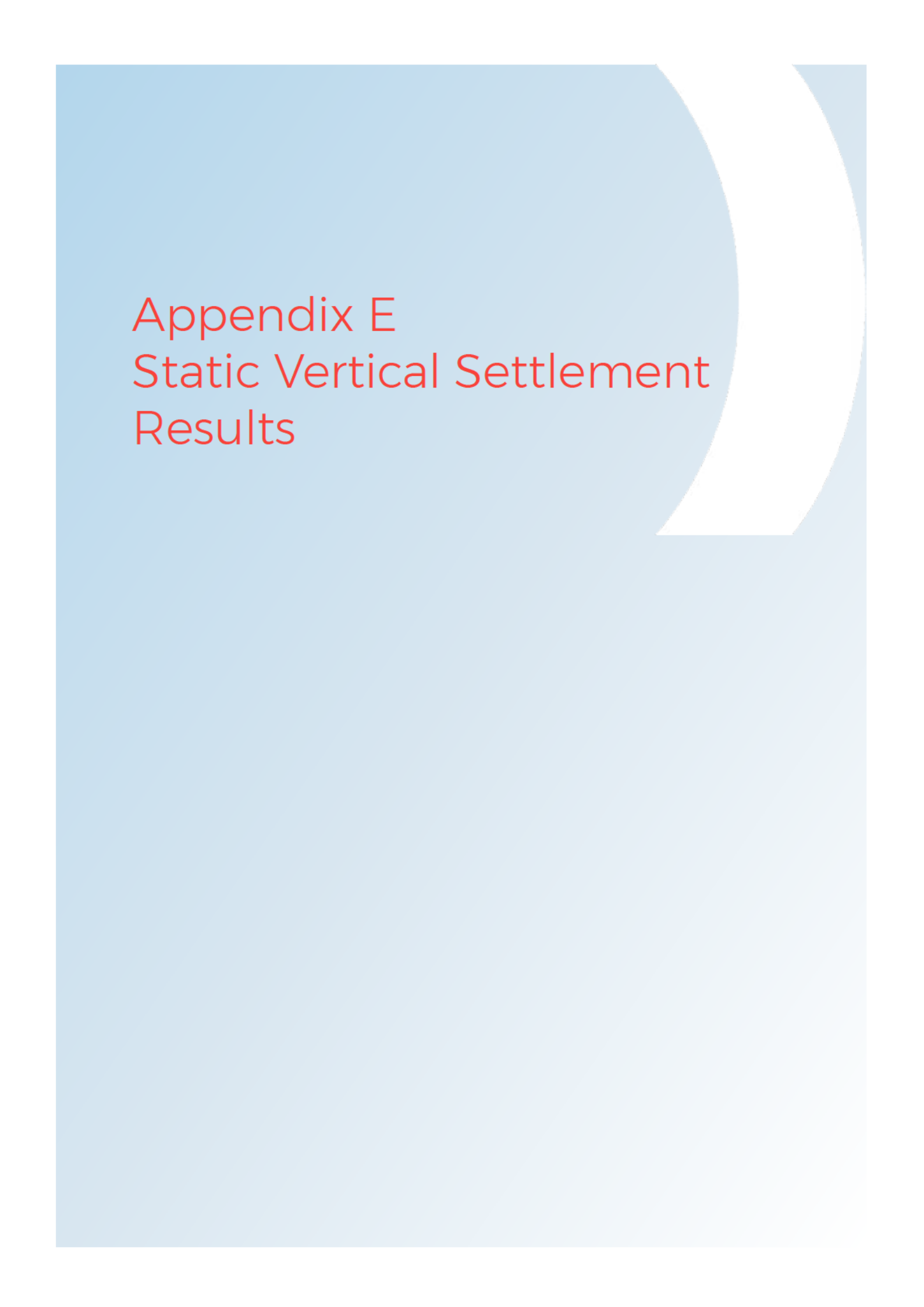


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Appendix E

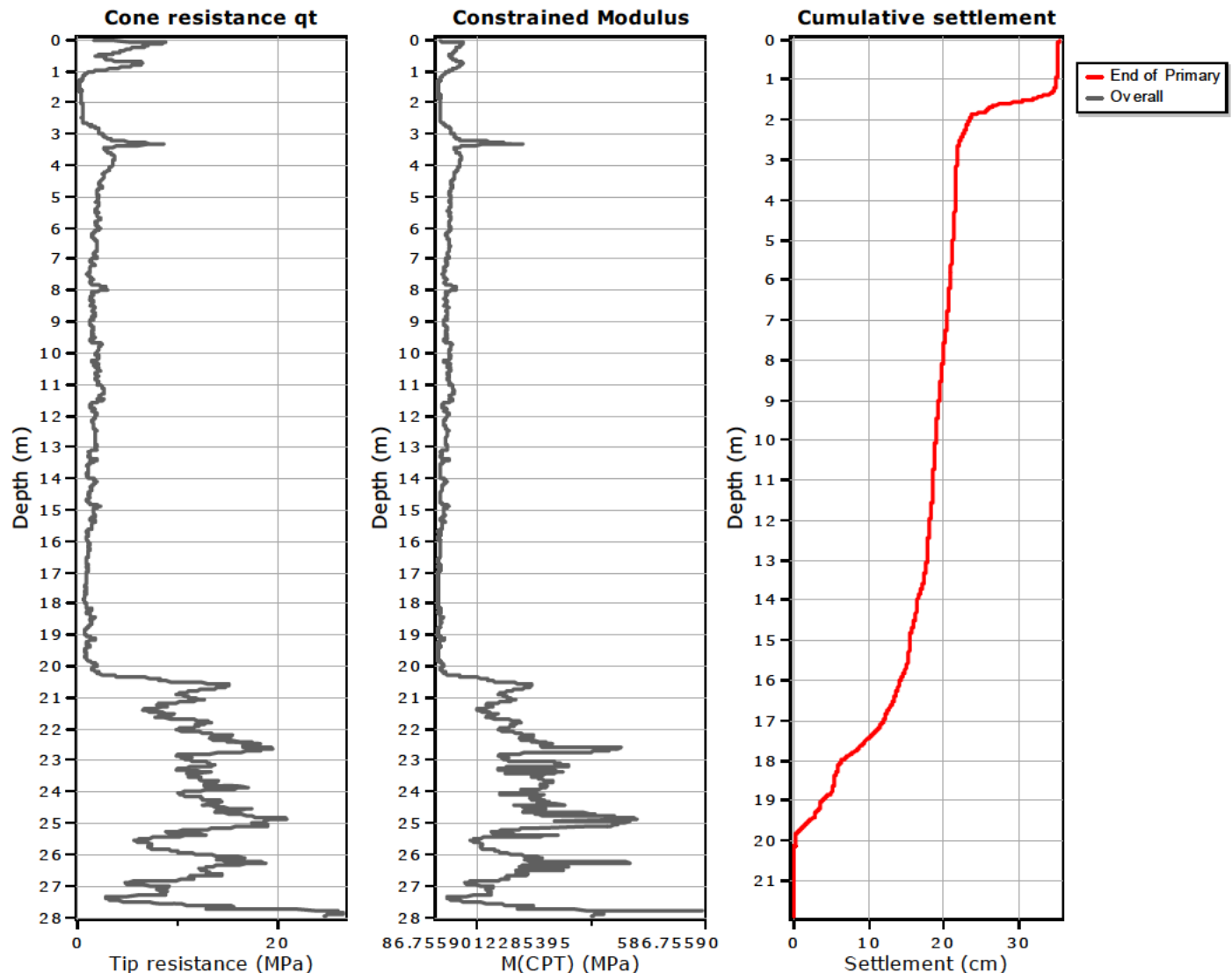
Static Vertical Settlement Results



Project: 2-WLASS.BN Geotechnical and Risk Assessment Sonning Carpark

Location: Sonning Carpark - River Road

Settlements calculation according to theory of elasticity*



Calculation properties

Footing type: Rectangular

Footing width: 25.00 (m)

L/B: 1.0

Footing pressure: 100.00 (kPa)

Embedment depth: 0.00 (m)

Footing is rigid: No

Remove excavation load: No

Apply 20% rule: Yes

Calculate secondary settlements: No

Time period for primary consolidation: N/A

Time period for second. settlements: N/A

* Primary settlements calculation is performed according to the following formula:

$$S = \sum \frac{\Delta \sigma_v}{M_{CPT}} \Delta z$$

* Secondary (creep) settlements calculation is performed according to the following formula:

$$S = C_a \cdot \Delta z \cdot \log(t/t_p)$$

where t_p is the duration of primary consolidation

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1	0.01	0.02	0.01	0.02	100.00	2.29	1.00	0.044	0.000	0.044
2	0.02	0.03	0.01	0.03	100.00	3.05	1.00	0.033	0.000	0.033
3	0.03	0.04	0.01	0.04	100.00	5.08	1.00	0.020	0.000	0.020
4	0.04	0.05	0.01	0.05	100.00	7.60	1.00	0.013	0.000	0.013
5	0.05	0.06	0.01	0.06	100.00	10.24	1.00	0.010	0.000	0.010
6	0.06	0.07	0.01	0.07	100.00	44.05	1.00	0.002	0.000	0.002
7	0.07	0.08	0.01	0.08	100.00	50.73	1.00	0.002	0.000	0.002
8	0.08	0.09	0.01	0.09	100.00	53.97	1.00	0.002	0.000	0.002
9	0.09	0.10	0.01	0.09	100.00	51.72	1.00	0.002	0.000	0.002
10	0.10	0.11	0.01	0.10	100.00	52.69	1.00	0.002	0.000	0.002
11	0.11	0.12	0.01	0.12	100.00	53.55	1.00	0.002	0.000	0.002
12	0.12	0.13	0.01	0.13	100.00	53.29	1.00	0.002	0.000	0.002
13	0.13	0.14	0.01	0.14	100.00	52.37	1.00	0.002	0.000	0.002
14	0.14	0.15	0.01	0.15	100.00	51.86	1.00	0.002	0.000	0.002
15	0.15	0.16	0.01	0.16	100.00	51.66	1.00	0.002	0.000	0.002
16	0.16	0.17	0.01	0.17	100.00	51.20	1.00	0.002	0.000	0.002
17	0.17	0.18	0.01	0.18	100.00	50.57	1.00	0.002	0.000	0.002
18	0.18	0.19	0.01	0.19	100.00	49.92	1.00	0.002	0.000	0.002
19	0.19	0.20	0.01	0.20	100.00	49.24	1.00	0.002	0.000	0.002
20	0.20	0.21	0.01	0.21	100.00	47.74	1.00	0.002	0.000	0.002
21	0.21	0.22	0.01	0.22	100.00	47.21	1.00	0.002	0.000	0.002
22	0.22	0.23	0.01	0.23	100.00	46.45	1.00	0.002	0.000	0.002
23	0.23	0.24	0.01	0.24	100.00	44.97	1.00	0.002	0.000	0.002
24	0.24	0.25	0.01	0.25	100.00	43.51	1.00	0.002	0.000	0.002
25	0.25	0.26	0.01	0.26	100.00	40.91	1.00	0.002	0.000	0.002
26	0.26	0.27	0.01	0.27	100.00	39.60	1.00	0.003	0.000	0.003
27	0.27	0.28	0.01	0.28	100.00	37.27	1.00	0.003	0.000	0.003
28	0.28	0.29	0.01	0.28	100.00	38.40	1.00	0.003	0.000	0.003
29	0.29	0.30	0.01	0.30	100.00	39.26	1.00	0.003	0.000	0.003
30	0.30	0.31	0.01	0.31	100.00	39.53	1.00	0.003	0.000	0.003
31	0.31	0.32	0.01	0.32	100.00	38.75	1.00	0.003	0.000	0.003
32	0.32	0.33	0.01	0.33	100.00	37.78	1.00	0.003	0.000	0.003
33	0.33	0.34	0.01	0.34	100.00	37.16	1.00	0.003	0.000	0.003
34	0.34	0.35	0.01	0.35	100.00	36.66	1.00	0.003	0.000	0.003
35	0.35	0.36	0.01	0.36	100.00	36.39	1.00	0.003	0.000	0.003
36	0.36	0.37	0.01	0.36	100.00	36.45	1.00	0.003	0.000	0.003
37	0.37	0.38	0.01	0.37	100.00	35.86	1.00	0.003	0.000	0.003
38	0.38	0.39	0.01	0.38	100.00	34.77	1.00	0.003	0.000	0.003
39	0.39	0.40	0.01	0.39	100.00	33.29	1.00	0.003	0.000	0.003
40	0.40	0.41	0.01	0.40	100.00	32.58	1.00	0.003	0.000	0.003
41	0.41	0.42	0.01	0.41	100.00	31.21	1.00	0.003	0.000	0.003
42	0.42	0.43	0.01	0.42	100.00	31.02	1.00	0.003	0.000	0.003
43	0.43	0.44	0.01	0.43	100.00	30.45	1.00	0.003	0.000	0.003
44	0.44	0.45	0.01	0.44	100.00	31.13	1.00	0.003	0.000	0.003
45	0.45	0.46	0.01	0.45	100.00	29.42	1.00	0.003	0.000	0.003
46	0.46	0.47	0.01	0.46	100.00	27.85	1.00	0.004	0.000	0.004

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
47	0.47	0.48	0.01	0.47	100.00	26.76	1.00	0.004	0.000	0.004
48	0.48	0.49	0.01	0.48	100.00	21.51	1.00	0.005	0.000	0.005
49	0.49	0.50	0.01	0.49	100.00	21.76	1.00	0.005	0.000	0.005
50	0.50	0.51	0.01	0.50	100.00	21.57	1.00	0.005	0.000	0.005
51	0.51	0.52	0.01	0.51	99.99	25.89	1.00	0.004	0.000	0.004
52	0.52	0.53	0.01	0.52	99.99	25.73	1.00	0.004	0.000	0.004
53	0.53	0.54	0.01	0.53	99.99	25.89	1.00	0.004	0.000	0.004
54	0.54	0.55	0.01	0.54	99.99	28.15	1.00	0.004	0.000	0.004
55	0.55	0.56	0.01	0.55	99.99	28.83	1.00	0.003	0.000	0.003
56	0.56	0.57	0.01	0.56	99.99	29.76	1.00	0.003	0.000	0.003
57	0.57	0.58	0.01	0.57	99.99	28.67	1.00	0.003	0.000	0.003
58	0.58	0.59	0.01	0.58	99.99	29.65	1.00	0.003	0.000	0.003
59	0.59	0.60	0.01	0.59	99.99	29.72	1.00	0.003	0.000	0.003
60	0.60	0.61	0.01	0.60	99.99	30.44	1.00	0.003	0.000	0.003
61	0.61	0.62	0.01	0.61	99.99	31.09	1.00	0.003	0.000	0.003
62	0.62	0.63	0.01	0.62	99.99	32.77	1.00	0.003	0.000	0.003
63	0.63	0.64	0.01	0.63	99.99	34.94	1.00	0.003	0.000	0.003
64	0.64	0.65	0.01	0.64	99.99	36.24	1.00	0.003	0.000	0.003
65	0.65	0.66	0.01	0.65	99.99	38.32	1.00	0.003	0.000	0.003
66	0.66	0.67	0.01	0.66	99.99	40.42	1.00	0.002	0.000	0.002
67	0.67	0.68	0.01	0.67	99.99	43.37	1.00	0.002	0.000	0.002
68	0.68	0.69	0.01	0.68	99.99	45.21	1.00	0.002	0.000	0.002
69	0.69	0.70	0.01	0.69	99.99	47.56	1.00	0.002	0.000	0.002
70	0.70	0.71	0.01	0.70	99.99	49.39	1.00	0.002	0.000	0.002
71	0.71	0.72	0.01	0.71	99.99	51.57	1.00	0.002	0.000	0.002
72	0.72	0.73	0.01	0.72	99.99	52.51	1.00	0.002	0.000	0.002
73	0.73	0.74	0.01	0.73	99.98	53.05	1.00	0.002	0.000	0.002
74	0.74	0.75	0.01	0.74	99.98	53.84	1.00	0.002	0.000	0.002
75	0.75	0.76	0.01	0.75	99.98	53.56	1.00	0.002	0.000	0.002
76	0.76	0.77	0.01	0.76	99.98	53.42	1.00	0.002	0.000	0.002
77	0.77	0.78	0.01	0.77	99.98	51.70	1.00	0.002	0.000	0.002
78	0.78	0.79	0.01	0.78	99.98	50.08	1.00	0.002	0.000	0.002
79	0.79	0.80	0.01	0.79	99.98	48.85	1.00	0.002	0.000	0.002
80	0.80	0.81	0.01	0.80	99.98	47.97	1.00	0.002	0.000	0.002
81	0.81	0.82	0.01	0.81	99.98	47.80	1.00	0.002	0.000	0.002
82	0.82	0.83	0.01	0.82	99.98	47.37	1.00	0.002	0.000	0.002
83	0.83	0.84	0.01	0.83	99.98	47.15	1.00	0.002	0.000	0.002
84	0.84	0.85	0.01	0.84	99.98	46.36	1.00	0.002	0.000	0.002
85	0.85	0.86	0.01	0.85	99.98	45.02	1.00	0.002	0.000	0.002
86	0.86	0.87	0.01	0.86	99.98	44.02	1.00	0.002	0.000	0.002
87	0.87	0.88	0.01	0.87	99.97	42.78	1.00	0.002	0.000	0.002
88	0.88	0.89	0.01	0.88	99.97	41.89	1.00	0.002	0.000	0.002
89	0.89	0.90	0.01	0.89	99.97	39.91	1.00	0.003	0.000	0.003
90	0.90	0.91	0.01	0.90	99.97	38.06	1.00	0.003	0.000	0.003
91	0.91	0.92	0.01	0.91	99.97	35.96	1.00	0.003	0.000	0.003
92	0.92	0.93	0.01	0.92	99.97	34.06	1.00	0.003	0.000	0.003

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
93	0.93	0.94	0.01	0.93	99.97	32.31	1.00	0.003	0.000	0.003
94	0.94	0.95	0.01	0.94	99.97	30.78	1.00	0.003	0.000	0.003
95	0.95	0.96	0.01	0.95	99.97	29.01	1.00	0.003	0.000	0.003
96	0.96	0.97	0.01	0.96	99.97	28.16	1.00	0.004	0.000	0.004
97	0.97	0.98	0.01	0.97	99.96	26.59	1.00	0.004	0.000	0.004
98	0.98	0.99	0.01	0.98	99.96	25.48	1.00	0.004	0.000	0.004
99	0.99	1.00	0.01	0.99	99.96	23.58	1.00	0.004	0.000	0.004
100	1.00	1.01	0.01	1.00	99.96	22.10	1.00	0.005	0.000	0.005
101	1.01	1.02	0.01	1.01	99.96	21.02	1.00	0.005	0.000	0.005
102	1.02	1.03	0.01	1.02	99.96	18.98	1.00	0.005	0.000	0.005
103	1.03	1.04	0.01	1.03	99.96	17.61	1.00	0.006	0.000	0.006
104	1.04	1.05	0.01	1.04	99.96	16.52	1.00	0.006	0.000	0.006
105	1.05	1.06	0.01	1.05	99.96	16.53	1.00	0.006	0.000	0.006
106	1.06	1.07	0.01	1.06	99.95	16.23	1.00	0.006	0.000	0.006
107	1.07	1.08	0.01	1.07	99.95	15.65	1.00	0.006	0.000	0.006
108	1.08	1.09	0.01	1.08	99.95	15.45	1.00	0.006	0.000	0.006
109	1.09	1.10	0.01	1.09	99.95	15.02	1.00	0.007	0.000	0.007
110	1.10	1.11	0.01	1.10	99.95	14.32	1.00	0.007	0.000	0.007
111	1.11	1.12	0.01	1.11	99.95	8.20	1.00	0.012	0.000	0.012
112	1.12	1.13	0.01	1.12	99.95	7.82	1.00	0.013	0.000	0.013
113	1.13	1.14	0.01	1.13	99.94	7.33	1.00	0.014	0.000	0.014
114	1.14	1.15	0.01	1.14	99.94	6.55	1.00	0.015	0.000	0.015
115	1.15	1.16	0.01	1.15	99.94	6.17	1.00	0.016	0.000	0.016
116	1.16	1.17	0.01	1.16	99.94	5.97	1.00	0.017	0.000	0.017
117	1.17	1.18	0.01	1.17	99.94	6.00	1.00	0.017	0.000	0.017
118	1.18	1.19	0.01	1.18	99.94	5.71	1.00	0.017	0.000	0.017
119	1.19	1.20	0.01	1.19	99.94	5.60	1.00	0.018	0.000	0.018
120	1.20	1.21	0.01	1.20	99.93	5.48	1.00	0.018	0.000	0.018
121	1.21	1.22	0.01	1.21	99.93	5.53	1.00	0.018	0.000	0.018
122	1.22	1.23	0.01	1.22	99.93	5.26	1.00	0.019	0.000	0.019
123	1.23	1.24	0.01	1.23	99.93	4.84	1.00	0.021	0.000	0.021
124	1.24	1.25	0.01	1.24	99.93	4.36	1.00	0.023	0.000	0.023
125	1.25	1.26	0.01	1.25	99.93	4.04	1.00	0.025	0.000	0.025
126	1.26	1.27	0.01	1.26	99.92	3.71	1.00	0.027	0.000	0.027
127	1.27	1.28	0.01	1.27	99.92	3.43	1.00	0.029	0.000	0.029
128	1.28	1.29	0.01	1.28	99.92	2.75	1.00	0.036	0.000	0.036
129	1.29	1.30	0.01	1.29	99.92	2.13	1.00	0.047	0.000	0.047
130	1.30	1.31	0.01	1.30	99.92	1.52	1.00	0.066	0.000	0.066
131	1.31	1.32	0.01	1.31	99.91	1.29	1.00	0.077	0.000	0.077
132	1.32	1.33	0.01	1.32	99.91	1.02	1.00	0.098	0.000	0.098
133	1.33	1.34	0.01	1.33	99.91	0.75	1.00	0.134	0.000	0.134
134	1.34	1.35	0.01	1.34	99.91	0.54	1.00	0.186	0.000	0.186
135	1.35	1.36	0.01	1.35	99.91	0.45	1.00	0.221	0.000	0.221
136	1.36	1.37	0.01	1.36	99.90	0.49	1.00	0.202	0.000	0.202
137	1.37	1.38	0.01	1.37	99.90	0.54	1.00	0.186	0.000	0.186
138	1.38	1.39	0.01	1.38	99.90	0.62	1.00	0.162	0.000	0.162

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
139	1.39	1.40	0.01	1.39	99.90	0.66	1.00	0.151	0.000	0.151
140	1.40	1.41	0.01	1.40	99.90	0.67	1.00	0.149	0.000	0.149
141	1.41	1.42	0.01	1.41	99.89	0.65	1.00	0.155	0.000	0.155
142	1.42	1.43	0.01	1.42	99.89	0.60	1.00	0.165	0.000	0.165
143	1.43	1.44	0.01	1.43	99.89	0.65	1.00	0.154	0.000	0.154
144	1.44	1.45	0.01	1.44	99.89	0.68	1.00	0.147	0.000	0.147
145	1.45	1.46	0.01	1.45	99.88	0.74	1.00	0.135	0.000	0.135
146	1.46	1.47	0.01	1.46	99.88	0.76	1.00	0.132	0.000	0.132
147	1.47	1.48	0.01	1.47	99.88	0.76	1.00	0.132	0.000	0.132
148	1.48	1.49	0.01	1.48	99.88	0.79	1.00	0.127	0.000	0.127
149	1.49	1.50	0.01	1.49	99.87	0.74	1.00	0.135	0.000	0.135
150	1.50	1.51	0.01	1.50	99.87	0.17	1.00	0.578	0.000	0.578
151	1.51	1.52	0.01	1.51	99.87	0.18	1.00	0.561	0.000	0.561
152	1.52	1.53	0.01	1.52	99.87	0.92	1.00	0.109	0.000	0.109
153	1.53	1.54	0.01	1.53	99.86	0.94	1.00	0.106	0.000	0.106
154	1.54	1.55	0.01	1.54	99.86	0.19	1.00	0.530	0.000	0.530
155	1.55	1.56	0.01	1.55	99.86	0.20	1.00	0.493	0.000	0.493
156	1.56	1.57	0.01	1.56	99.86	0.21	1.00	0.476	0.000	0.476
157	1.57	1.58	0.01	1.57	99.85	1.27	1.00	0.079	0.000	0.079
158	1.58	1.59	0.01	1.58	99.85	0.22	1.00	0.450	0.000	0.450
159	1.59	1.60	0.01	1.59	99.85	0.24	1.00	0.422	0.000	0.422
160	1.60	1.61	0.01	1.60	99.84	0.24	1.00	0.410	0.000	0.410
161	1.61	1.62	0.01	1.61	99.84	0.25	1.00	0.396	0.000	0.396
162	1.62	1.63	0.01	1.62	99.84	0.23	1.00	0.427	0.000	0.427
163	1.63	1.64	0.01	1.63	99.84	1.25	1.00	0.080	0.000	0.080
164	1.64	1.65	0.01	1.64	99.83	1.24	1.00	0.081	0.000	0.081
165	1.65	1.66	0.01	1.65	99.83	1.28	1.00	0.078	0.000	0.078
166	1.66	1.67	0.01	1.66	99.83	1.29	1.00	0.077	0.000	0.077
167	1.67	1.68	0.01	1.67	99.82	1.35	1.00	0.074	0.000	0.074
168	1.68	1.69	0.01	1.68	99.82	1.33	1.00	0.075	0.000	0.075
169	1.69	1.70	0.01	1.69	99.82	1.39	1.00	0.072	0.000	0.072
170	1.70	1.71	0.01	1.70	99.81	1.42	1.00	0.070	0.000	0.070
171	1.71	1.72	0.01	1.71	99.81	1.67	1.00	0.060	0.000	0.060
172	1.72	1.73	0.01	1.72	99.81	1.95	1.00	0.051	0.000	0.051
173	1.73	1.74	0.01	1.73	99.80	2.16	1.00	0.046	0.000	0.046
174	1.74	1.75	0.01	1.74	99.80	1.84	1.00	0.054	0.000	0.054
175	1.75	1.76	0.01	1.75	99.80	1.68	1.00	0.059	0.000	0.059
176	1.76	1.77	0.01	1.76	99.79	1.66	1.00	0.060	0.000	0.060
177	1.77	1.78	0.01	1.77	99.79	2.01	1.00	0.050	0.000	0.050
178	1.78	1.79	0.01	1.78	99.79	2.08	1.00	0.048	0.000	0.048
179	1.79	1.80	0.01	1.79	99.78	0.32	1.00	0.311	0.000	0.311
180	1.80	1.81	0.01	1.80	99.78	0.33	1.00	0.306	0.000	0.306
181	1.81	1.82	0.01	1.81	99.78	0.34	1.00	0.297	0.000	0.297
182	1.82	1.83	0.01	1.82	99.77	3.37	1.00	0.030	0.000	0.030
183	1.83	1.84	0.01	1.83	99.77	0.36	1.00	0.280	0.000	0.280
184	1.84	1.85	0.01	1.84	99.77	0.36	1.00	0.275	0.000	0.275

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
185	1.85	1.86	0.01	1.85	99.76	0.39	1.00	0.258	0.000	0.258
186	1.86	1.87	0.01	1.86	99.76	3.03	1.00	0.033	0.000	0.033
187	1.87	1.88	0.01	1.87	99.75	3.12	1.00	0.032	0.000	0.032
188	1.88	1.89	0.01	1.88	99.75	3.00	1.00	0.033	0.000	0.033
189	1.89	1.90	0.01	1.89	99.75	3.17	1.00	0.032	0.000	0.032
190	1.90	1.91	0.01	1.90	99.74	3.33	1.00	0.030	0.000	0.030
191	1.91	1.92	0.01	1.91	99.74	3.50	1.00	0.029	0.000	0.029
192	1.92	1.93	0.01	1.92	99.73	3.69	1.00	0.027	0.000	0.027
193	1.93	1.94	0.01	1.93	99.73	3.36	1.00	0.030	0.000	0.030
194	1.94	1.95	0.01	1.94	99.73	3.15	1.00	0.032	0.000	0.032
195	1.95	1.96	0.01	1.95	99.72	3.19	1.00	0.031	0.000	0.031
196	1.96	1.97	0.01	1.96	99.72	3.25	1.00	0.031	0.000	0.031
197	1.97	1.98	0.01	1.97	99.71	3.46	1.00	0.029	0.000	0.029
198	1.98	1.99	0.01	1.98	99.71	3.46	1.00	0.029	0.000	0.029
199	1.99	2.00	0.01	1.99	99.70	3.31	1.00	0.030	0.000	0.030
200	2.00	2.01	0.01	2.00	99.70	3.37	1.00	0.030	0.000	0.030
201	2.01	2.02	0.01	2.01	99.70	3.16	1.00	0.032	0.000	0.032
202	2.02	2.03	0.01	2.02	99.69	3.54	1.00	0.028	0.000	0.028
203	2.03	2.04	0.01	2.03	99.69	3.49	1.00	0.029	0.000	0.029
204	2.04	2.05	0.01	2.04	99.68	3.84	1.00	0.026	0.000	0.026
205	2.05	2.06	0.01	2.05	99.68	3.97	1.00	0.025	0.000	0.025
206	2.06	2.07	0.01	2.06	99.67	4.21	1.00	0.024	0.000	0.024
207	2.07	2.08	0.01	2.07	99.67	4.05	1.00	0.025	0.000	0.025
208	2.08	2.09	0.01	2.08	99.66	4.41	1.00	0.023	0.000	0.023
209	2.09	2.10	0.01	2.09	99.66	4.46	1.00	0.022	0.000	0.022
210	2.10	2.11	0.01	2.10	99.65	5.18	1.00	0.019	0.000	0.019
211	2.11	2.12	0.01	2.11	99.65	5.22	1.00	0.019	0.000	0.019
212	2.12	2.13	0.01	2.12	99.64	5.47	1.00	0.018	0.000	0.018
213	2.13	2.14	0.01	2.13	99.64	5.61	1.00	0.018	0.000	0.018
214	2.14	2.15	0.01	2.14	99.63	5.57	1.00	0.018	0.000	0.018
215	2.15	2.16	0.01	2.15	99.63	5.60	1.00	0.018	0.000	0.018
216	2.16	2.17	0.01	2.16	99.62	5.56	1.00	0.018	0.000	0.018
217	2.17	2.18	0.01	2.17	99.62	5.68	1.00	0.018	0.000	0.018
218	2.18	2.19	0.01	2.18	99.61	5.43	1.00	0.018	0.000	0.018
219	2.19	2.20	0.01	2.19	99.61	4.94	1.00	0.020	0.000	0.020
220	2.20	2.21	0.01	2.20	99.60	4.41	1.00	0.023	0.000	0.023
221	2.21	2.22	0.01	2.21	99.60	4.25	1.00	0.023	0.000	0.023
222	2.22	2.23	0.01	2.22	99.59	4.16	1.00	0.024	0.000	0.024
223	2.23	2.24	0.01	2.23	99.59	4.35	1.00	0.023	0.000	0.023
224	2.24	2.25	0.01	2.24	99.58	4.27	1.00	0.023	0.000	0.023
225	2.25	2.26	0.01	2.25	99.58	4.70	1.00	0.021	0.000	0.021
226	2.26	2.27	0.01	2.26	99.57	4.53	1.00	0.022	0.000	0.022
227	2.27	2.28	0.01	2.27	99.57	4.43	1.00	0.022	0.000	0.022
228	2.28	2.29	0.01	2.28	99.56	3.96	1.00	0.025	0.000	0.025
229	2.29	2.30	0.01	2.29	99.56	3.72	1.00	0.027	0.000	0.027
230	2.30	2.31	0.01	2.30	99.55	3.81	1.00	0.026	0.000	0.026

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
231	2.31	2.32	0.01	2.31	99.54	4.00	1.00	0.025	0.000	0.025
232	2.32	2.33	0.01	2.32	99.54	4.02	1.00	0.025	0.000	0.025
233	2.33	2.34	0.01	2.33	99.53	4.07	1.00	0.024	0.000	0.024
234	2.34	2.35	0.01	2.34	99.53	3.74	1.00	0.027	0.000	0.027
235	2.35	2.36	0.01	2.35	99.52	3.60	1.00	0.028	0.000	0.028
236	2.36	2.37	0.01	2.36	99.51	3.72	1.00	0.027	0.000	0.027
237	2.37	2.38	0.01	2.37	99.51	3.85	1.00	0.026	0.000	0.026
238	2.38	2.39	0.01	2.38	99.50	4.12	1.00	0.024	0.000	0.024
239	2.39	2.40	0.01	2.39	99.50	3.94	0.99	0.025	0.000	0.025
240	2.40	2.41	0.01	2.40	99.49	4.12	0.99	0.024	0.000	0.024
241	2.41	2.42	0.01	2.41	99.48	3.92	0.99	0.025	0.000	0.025
242	2.42	2.43	0.01	2.42	99.48	3.98	0.99	0.025	0.000	0.025
243	2.43	2.44	0.01	2.43	99.47	3.96	0.99	0.025	0.000	0.025
244	2.44	2.45	0.01	2.44	99.47	4.21	0.99	0.024	0.000	0.024
245	2.45	2.46	0.01	2.45	99.46	3.75	0.99	0.027	0.000	0.027
246	2.46	2.47	0.01	2.46	99.45	3.47	0.99	0.029	0.000	0.029
247	2.47	2.48	0.01	2.47	99.45	3.38	0.99	0.029	0.000	0.029
248	2.48	2.49	0.01	2.48	99.44	3.32	0.99	0.030	0.000	0.030
249	2.49	2.50	0.01	2.49	99.43	3.54	0.99	0.028	0.000	0.028
250	2.50	2.51	0.01	2.50	99.43	3.64	0.99	0.027	0.000	0.027
251	2.51	2.52	0.01	2.51	99.42	4.66	0.99	0.021	0.000	0.021
252	2.52	2.53	0.01	2.52	99.41	5.26	0.99	0.019	0.000	0.019
253	2.53	2.54	0.01	2.53	99.41	5.79	0.99	0.017	0.000	0.017
254	2.54	2.55	0.01	2.54	99.40	5.72	0.99	0.017	0.000	0.017
255	2.55	2.56	0.01	2.55	99.39	5.43	0.99	0.018	0.000	0.018
256	2.56	2.57	0.01	2.56	99.39	5.16	0.99	0.019	0.000	0.019
257	2.57	2.58	0.01	2.57	99.38	4.96	0.99	0.020	0.000	0.020
258	2.58	2.59	0.01	2.58	99.37	4.74	0.99	0.021	0.000	0.021
259	2.59	2.60	0.01	2.59	99.36	4.74	0.99	0.021	0.000	0.021
260	2.60	2.61	0.01	2.60	99.36	4.75	0.99	0.021	0.000	0.021
261	2.61	2.62	0.01	2.61	99.35	4.94	0.99	0.020	0.000	0.020
262	2.62	2.63	0.01	2.62	99.34	5.43	0.99	0.018	0.000	0.018
263	2.63	2.64	0.01	2.63	99.34	6.28	0.99	0.016	0.000	0.016
264	2.64	2.65	0.01	2.64	99.33	7.00	0.99	0.014	0.000	0.014
265	2.65	2.66	0.01	2.65	99.32	7.81	0.99	0.013	0.000	0.013
266	2.66	2.67	0.01	2.66	99.31	9.36	0.99	0.011	0.000	0.011
267	2.67	2.68	0.01	2.67	99.31	11.10	0.99	0.009	0.000	0.009
268	2.68	2.69	0.01	2.68	99.30	12.94	0.99	0.008	0.000	0.008
269	2.69	2.70	0.01	2.69	99.29	14.61	0.99	0.007	0.000	0.007
270	2.70	2.71	0.01	2.70	99.28	15.82	0.99	0.006	0.000	0.006
271	2.71	2.72	0.01	2.71	99.28	16.93	0.99	0.006	0.000	0.006
272	2.72	2.73	0.01	2.72	99.27	16.91	0.99	0.006	0.000	0.006
273	2.73	2.74	0.01	2.73	99.26	16.51	0.99	0.006	0.000	0.006
274	2.74	2.75	0.01	2.74	99.25	16.29	0.99	0.006	0.000	0.006
275	2.75	2.76	0.01	2.75	99.24	16.92	0.99	0.006	0.000	0.006
276	2.76	2.77	0.01	2.76	99.24	18.45	0.99	0.005	0.000	0.005

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
277	2.77	2.78	0.01	2.77	99.23	20.34	0.99	0.005	0.000	0.005
278	2.78	2.79	0.01	2.78	99.22	21.94	0.99	0.005	0.000	0.005
279	2.79	2.80	0.01	2.79	99.21	23.37	0.99	0.004	0.000	0.004
280	2.80	2.81	0.01	2.80	99.20	24.47	0.99	0.004	0.000	0.004
281	2.81	2.82	0.01	2.81	99.20	25.34	0.99	0.004	0.000	0.004
282	2.82	2.83	0.01	2.82	99.19	26.03	0.99	0.004	0.000	0.004
283	2.83	2.84	0.01	2.83	99.18	26.48	0.99	0.004	0.000	0.004
284	2.84	2.85	0.01	2.84	99.17	26.86	0.99	0.004	0.000	0.004
285	2.85	2.86	0.01	2.85	99.16	27.20	0.99	0.004	0.000	0.004
286	2.86	2.87	0.01	2.86	99.15	27.49	0.99	0.004	0.000	0.004
287	2.87	2.88	0.01	2.87	99.15	27.79	0.99	0.004	0.000	0.004
288	2.88	2.89	0.01	2.88	99.14	27.99	0.99	0.004	0.000	0.004
289	2.89	2.90	0.01	2.89	99.13	27.96	0.99	0.004	0.000	0.004
290	2.90	2.91	0.01	2.90	99.12	27.70	0.99	0.004	0.000	0.004
291	2.91	2.92	0.01	2.91	99.11	27.39	0.99	0.004	0.000	0.004
292	2.92	2.93	0.01	2.92	99.10	27.12	0.99	0.004	0.000	0.004
293	2.93	2.94	0.01	2.93	99.09	27.00	0.99	0.004	0.000	0.004
294	2.94	2.95	0.01	2.94	99.09	26.95	0.99	0.004	0.000	0.004
295	2.95	2.96	0.01	2.95	99.08	27.26	0.99	0.004	0.000	0.004
296	2.96	2.97	0.01	2.96	99.07	27.73	0.99	0.004	0.000	0.004
297	2.97	2.98	0.01	2.97	99.06	28.51	0.99	0.003	0.000	0.003
298	2.98	2.99	0.01	2.98	99.05	29.94	0.99	0.003	0.000	0.003
299	2.99	3.00	0.01	2.99	99.04	31.57	0.99	0.003	0.000	0.003
300	3.00	3.01	0.01	3.00	99.03	33.15	0.99	0.003	0.000	0.003
301	3.01	3.02	0.01	3.01	99.02	33.85	0.99	0.003	0.000	0.003
302	3.02	3.03	0.01	3.02	99.01	34.21	0.99	0.003	0.000	0.003
303	3.03	3.04	0.01	3.03	99.00	34.26	0.99	0.003	0.000	0.003
304	3.04	3.05	0.01	3.04	98.99	33.98	0.99	0.003	0.000	0.003
305	3.05	3.06	0.01	3.05	98.98	33.74	0.99	0.003	0.000	0.003
306	3.06	3.07	0.01	3.06	98.97	33.64	0.99	0.003	0.000	0.003
307	3.07	3.08	0.01	3.07	98.96	34.18	0.99	0.003	0.000	0.003
308	3.08	3.09	0.01	3.08	98.96	34.92	0.99	0.003	0.000	0.003
309	3.09	3.10	0.01	3.09	98.95	35.80	0.99	0.003	0.000	0.003
310	3.10	3.11	0.01	3.10	98.94	36.63	0.99	0.003	0.000	0.003
311	3.11	3.12	0.01	3.11	98.93	37.55	0.99	0.003	0.000	0.003
312	3.12	3.13	0.01	3.12	98.92	38.63	0.99	0.003	0.000	0.003
313	3.13	3.14	0.01	3.13	98.91	40.24	0.99	0.002	0.000	0.002
314	3.14	3.15	0.01	3.14	98.90	41.77	0.99	0.002	0.000	0.002
315	3.15	3.16	0.01	3.15	98.89	43.09	0.99	0.002	0.000	0.002
316	3.16	3.17	0.01	3.16	98.88	43.77	0.99	0.002	0.000	0.002
317	3.17	3.18	0.01	3.17	98.87	44.34	0.99	0.002	0.000	0.002
318	3.18	3.19	0.01	3.18	98.86	45.06	0.99	0.002	0.000	0.002
319	3.19	3.20	0.01	3.19	98.85	46.03	0.99	0.002	0.000	0.002
320	3.20	3.21	0.01	3.20	98.84	47.65	0.99	0.002	0.000	0.002
321	3.21	3.22	0.01	3.21	98.82	50.58	0.99	0.002	0.000	0.002
322	3.22	3.23	0.01	3.22	98.81	54.98	0.99	0.002	0.000	0.002

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
323	3.23	3.24	0.01	3.23	98.80	103.56	0.99	0.001	0.000	0.001
324	3.24	3.25	0.01	3.24	98.79	111.40	0.99	0.001	0.000	0.001
325	3.25	3.26	0.01	3.25	98.78	118.60	0.99	0.001	0.000	0.001
326	3.26	3.27	0.01	3.26	98.77	125.49	0.99	0.001	0.000	0.001
327	3.27	3.28	0.01	3.27	98.76	134.65	0.99	0.001	0.000	0.001
328	3.28	3.29	0.01	3.28	98.75	144.37	0.99	0.001	0.000	0.001
329	3.29	3.30	0.01	3.29	98.74	92.63	0.99	0.001	0.000	0.001
330	3.30	3.31	0.01	3.30	98.73	162.91	0.99	0.001	0.000	0.001
331	3.31	3.32	0.01	3.31	98.72	171.98	0.99	0.001	0.000	0.001
332	3.32	3.33	0.01	3.32	98.71	180.61	0.99	0.001	0.000	0.001
333	3.33	3.34	0.01	3.33	98.70	185.03	0.99	0.001	0.000	0.001
334	3.34	3.35	0.01	3.34	98.69	183.42	0.99	0.001	0.000	0.001
335	3.35	3.36	0.01	3.35	98.67	96.80	0.99	0.001	0.000	0.001
336	3.36	3.37	0.01	3.36	98.66	81.70	0.99	0.001	0.000	0.001
337	3.37	3.38	0.01	3.37	98.65	70.08	0.99	0.001	0.000	0.001
338	3.38	3.39	0.01	3.38	98.64	62.53	0.99	0.002	0.000	0.002
339	3.39	3.40	0.01	3.39	98.63	56.45	0.99	0.002	0.000	0.002
340	3.40	3.41	0.01	3.40	98.62	51.79	0.99	0.002	0.000	0.002
341	3.41	3.42	0.01	3.41	98.61	47.99	0.99	0.002	0.000	0.002
342	3.42	3.43	0.01	3.42	98.59	45.64	0.99	0.002	0.000	0.002
343	3.43	3.44	0.01	3.43	98.58	43.52	0.99	0.002	0.000	0.002
344	3.44	3.45	0.01	3.44	98.57	40.54	0.99	0.002	0.000	0.002
345	3.45	3.46	0.01	3.45	98.56	37.98	0.99	0.003	0.000	0.003
346	3.46	3.47	0.01	3.46	98.55	36.12	0.99	0.003	0.000	0.003
347	3.47	3.48	0.01	3.47	98.54	35.85	0.99	0.003	0.000	0.003
348	3.48	3.49	0.01	3.48	98.52	36.61	0.99	0.003	0.000	0.003
349	3.49	3.50	0.01	3.49	98.51	37.29	0.99	0.003	0.000	0.003
350	3.50	3.51	0.01	3.50	98.50	37.82	0.99	0.003	0.000	0.003
351	3.51	3.52	0.01	3.51	98.49	37.54	0.98	0.003	0.000	0.003
352	3.52	3.53	0.01	3.52	98.48	37.40	0.98	0.003	0.000	0.003
353	3.53	3.54	0.01	3.53	98.46	37.46	0.98	0.003	0.000	0.003
354	3.54	3.55	0.01	3.54	98.45	37.55	0.98	0.003	0.000	0.003
355	3.55	3.56	0.01	3.55	98.44	38.04	0.98	0.003	0.000	0.003
356	3.56	3.57	0.01	3.56	98.43	38.67	0.98	0.003	0.000	0.003
357	3.57	3.58	0.01	3.57	98.41	39.35	0.98	0.003	0.000	0.003
358	3.58	3.59	0.01	3.58	98.40	39.96	0.98	0.002	0.000	0.002
359	3.59	3.60	0.01	3.59	98.39	40.93	0.98	0.002	0.000	0.002
360	3.60	3.61	0.01	3.60	98.38	41.97	0.98	0.002	0.000	0.002
361	3.61	3.62	0.01	3.61	98.36	42.96	0.98	0.002	0.000	0.002
362	3.62	3.63	0.01	3.62	98.35	43.72	0.98	0.002	0.000	0.002
363	3.63	3.64	0.01	3.63	98.34	44.73	0.98	0.002	0.000	0.002
364	3.64	3.65	0.01	3.64	98.33	45.75	0.98	0.002	0.000	0.002
365	3.65	3.66	0.01	3.65	98.31	46.64	0.98	0.002	0.000	0.002
366	3.66	3.67	0.01	3.66	98.30	47.06	0.98	0.002	0.000	0.002
367	3.67	3.68	0.01	3.67	98.29	47.61	0.98	0.002	0.000	0.002
368	3.68	3.69	0.01	3.68	98.27	48.12	0.98	0.002	0.000	0.002

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
369	3.69	3.70	0.01	3.69	98.26	48.74	0.98	0.002	0.000	0.002
370	3.70	3.71	0.01	3.70	98.25	48.96	0.98	0.002	0.000	0.002
371	3.71	3.72	0.01	3.71	98.23	49.23	0.98	0.002	0.000	0.002
372	3.72	3.73	0.01	3.72	98.22	49.65	0.98	0.002	0.000	0.002
373	3.73	3.74	0.01	3.73	98.21	50.14	0.98	0.002	0.000	0.002
374	3.74	3.75	0.01	3.74	98.19	50.39	0.98	0.002	0.000	0.002
375	3.75	3.76	0.01	3.75	98.18	50.27	0.98	0.002	0.000	0.002
376	3.76	3.77	0.01	3.76	98.17	49.98	0.98	0.002	0.000	0.002
377	3.77	3.78	0.01	3.77	98.15	49.54	0.98	0.002	0.000	0.002
378	3.78	3.79	0.01	3.78	98.14	49.21	0.98	0.002	0.000	0.002
379	3.79	3.80	0.01	3.79	98.13	48.95	0.98	0.002	0.000	0.002
380	3.80	3.81	0.01	3.80	98.11	48.94	0.98	0.002	0.000	0.002
381	3.81	3.82	0.01	3.81	98.10	48.78	0.98	0.002	0.000	0.002
382	3.82	3.83	0.01	3.82	98.09	48.66	0.98	0.002	0.000	0.002
383	3.83	3.84	0.01	3.83	98.07	48.40	0.98	0.002	0.000	0.002
384	3.84	3.85	0.01	3.84	98.06	48.25	0.98	0.002	0.000	0.002
385	3.85	3.86	0.01	3.85	98.04	48.07	0.98	0.002	0.000	0.002
386	3.86	3.87	0.01	3.86	98.03	47.94	0.98	0.002	0.000	0.002
387	3.87	3.88	0.01	3.87	98.02	47.88	0.98	0.002	0.000	0.002
388	3.88	3.89	0.01	3.88	98.00	47.94	0.98	0.002	0.000	0.002
389	3.89	3.90	0.01	3.89	97.99	48.04	0.98	0.002	0.000	0.002
390	3.90	3.91	0.01	3.90	97.97	48.20	0.98	0.002	0.000	0.002
391	3.91	3.92	0.01	3.91	97.96	48.21	0.98	0.002	0.000	0.002
392	3.92	3.93	0.01	3.92	97.94	48.20	0.98	0.002	0.000	0.002
393	3.93	3.94	0.01	3.93	97.93	48.12	0.98	0.002	0.000	0.002
394	3.94	3.95	0.01	3.94	97.91	48.14	0.98	0.002	0.000	0.002
395	3.95	3.96	0.01	3.95	97.90	48.13	0.98	0.002	0.000	0.002
396	3.96	3.97	0.01	3.96	97.89	47.95	0.98	0.002	0.000	0.002
397	3.97	3.98	0.01	3.97	97.87	47.67	0.98	0.002	0.000	0.002
398	3.98	3.99	0.01	3.98	97.86	47.43	0.98	0.002	0.000	0.002
399	3.99	4.00	0.01	3.99	97.84	47.20	0.98	0.002	0.000	0.002
400	4.00	4.01	0.01	4.00	97.83	46.88	0.98	0.002	0.000	0.002
401	4.01	4.02	0.01	4.01	97.81	46.55	0.98	0.002	0.000	0.002
402	4.02	4.03	0.01	4.02	97.80	46.27	0.98	0.002	0.000	0.002
403	4.03	4.04	0.01	4.03	97.78	46.01	0.98	0.002	0.000	0.002
404	4.04	4.05	0.01	4.04	97.77	45.64	0.98	0.002	0.000	0.002
405	4.05	4.06	0.01	4.05	97.75	45.16	0.98	0.002	0.000	0.002
406	4.06	4.07	0.01	4.06	97.73	44.63	0.98	0.002	0.000	0.002
407	4.07	4.08	0.01	4.07	97.72	44.07	0.98	0.002	0.000	0.002
408	4.08	4.09	0.01	4.08	97.70	43.55	0.98	0.002	0.000	0.002
409	4.09	4.10	0.01	4.09	97.69	43.20	0.98	0.002	0.000	0.002
410	4.10	4.11	0.01	4.10	97.67	42.94	0.98	0.002	0.000	0.002
411	4.11	4.12	0.01	4.11	97.66	42.68	0.98	0.002	0.000	0.002
412	4.12	4.13	0.01	4.12	97.64	42.49	0.98	0.002	0.000	0.002
413	4.13	4.14	0.01	4.14	97.63	42.41	0.98	0.002	0.000	0.002
414	4.14	4.15	0.01	4.14	97.61	42.36	0.98	0.002	0.000	0.002

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
415	4.15	4.16	0.01	4.16	97.59	42.14	0.98	0.002	0.000	0.002
416	4.16	4.17	0.01	4.17	97.58	41.66	0.98	0.002	0.000	0.002
417	4.17	4.18	0.01	4.18	97.56	41.04	0.98	0.002	0.000	0.002
418	4.18	4.19	0.01	4.19	97.55	40.33	0.98	0.002	0.000	0.002
419	4.19	4.20	0.01	4.20	97.53	39.56	0.98	0.002	0.000	0.002
420	4.20	4.21	0.01	4.21	97.51	38.60	0.98	0.003	0.000	0.003
421	4.21	4.22	0.01	4.22	97.50	37.49	0.97	0.003	0.000	0.003
422	4.22	4.23	0.01	4.23	97.48	36.48	0.97	0.003	0.000	0.003
423	4.23	4.24	0.01	4.24	97.47	35.66	0.97	0.003	0.000	0.003
424	4.24	4.25	0.01	4.25	97.45	35.09	0.97	0.003	0.000	0.003
425	4.25	4.26	0.01	4.26	97.43	34.56	0.97	0.003	0.000	0.003
426	4.26	4.27	0.01	4.27	97.42	34.11	0.97	0.003	0.000	0.003
427	4.27	4.28	0.01	4.28	97.40	33.77	0.97	0.003	0.000	0.003
428	4.28	4.29	0.01	4.29	97.38	33.55	0.97	0.003	0.000	0.003
429	4.29	4.30	0.01	4.30	97.37	33.55	0.97	0.003	0.000	0.003
430	4.30	4.31	0.01	4.31	97.35	33.90	0.97	0.003	0.000	0.003
431	4.31	4.32	0.01	4.32	97.33	34.49	0.97	0.003	0.000	0.003
432	4.32	4.33	0.01	4.33	97.32	35.17	0.97	0.003	0.000	0.003
433	4.33	4.34	0.01	4.34	97.30	35.58	0.97	0.003	0.000	0.003
434	4.34	4.35	0.01	4.35	97.28	35.84	0.97	0.003	0.000	0.003
435	4.35	4.36	0.01	4.36	97.27	36.01	0.97	0.003	0.000	0.003
436	4.36	4.37	0.01	4.37	97.25	36.09	0.97	0.003	0.000	0.003
437	4.37	4.38	0.01	4.38	97.23	35.96	0.97	0.003	0.000	0.003
438	4.38	4.39	0.01	4.39	97.21	35.41	0.97	0.003	0.000	0.003
439	4.39	4.40	0.01	4.40	97.20	34.77	0.97	0.003	0.000	0.003
440	4.40	4.41	0.01	4.41	97.18	34.17	0.97	0.003	0.000	0.003
441	4.41	4.42	0.01	4.42	97.16	33.79	0.97	0.003	0.000	0.003
442	4.42	4.43	0.01	4.43	97.14	33.40	0.97	0.003	0.000	0.003
443	4.43	4.44	0.01	4.44	97.13	33.10	0.97	0.003	0.000	0.003
444	4.44	4.45	0.01	4.45	97.11	32.85	0.97	0.003	0.000	0.003
445	4.45	4.46	0.01	4.46	97.09	32.60	0.97	0.003	0.000	0.003
446	4.46	4.47	0.01	4.47	97.07	32.03	0.97	0.003	0.000	0.003
447	4.47	4.48	0.01	4.48	97.06	31.19	0.97	0.003	0.000	0.003
448	4.48	4.49	0.01	4.49	97.04	30.93	0.97	0.003	0.000	0.003
449	4.49	4.50	0.01	4.50	97.02	30.63	0.97	0.003	0.000	0.003
450	4.50	4.51	0.01	4.51	97.00	30.45	0.97	0.003	0.000	0.003
451	4.51	4.52	0.01	4.52	96.98	29.59	0.97	0.003	0.000	0.003
452	4.52	4.53	0.01	4.53	96.97	28.96	0.97	0.003	0.000	0.003
453	4.53	4.54	0.01	4.54	96.95	28.33	0.97	0.003	0.000	0.003
454	4.54	4.55	0.01	4.55	96.93	27.70	0.97	0.003	0.000	0.003
455	4.55	4.56	0.01	4.56	96.91	27.15	0.97	0.004	0.000	0.004
456	4.56	4.57	0.01	4.57	96.89	26.83	0.97	0.004	0.000	0.004
457	4.57	4.58	0.01	4.58	96.87	26.86	0.97	0.004	0.000	0.004
458	4.58	4.59	0.01	4.59	96.86	26.93	0.97	0.004	0.000	0.004
459	4.59	4.60	0.01	4.60	96.84	27.04	0.97	0.004	0.000	0.004
460	4.60	4.61	0.01	4.61	96.82	27.10	0.97	0.004	0.000	0.004

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
461	4.61	4.62	0.01	4.62	96.80	27.33	0.97	0.004	0.000	0.004
462	4.62	4.63	0.01	4.63	96.78	27.74	0.97	0.003	0.000	0.003
463	4.63	4.64	0.01	4.64	96.76	28.59	0.97	0.003	0.000	0.003
464	4.64	4.65	0.01	4.65	96.74	29.53	0.97	0.003	0.000	0.003
465	4.65	4.66	0.01	4.66	96.73	30.45	0.97	0.003	0.000	0.003
466	4.66	4.67	0.01	4.67	96.71	30.98	0.97	0.003	0.000	0.003
467	4.67	4.68	0.01	4.68	96.69	31.48	0.97	0.003	0.000	0.003
468	4.68	4.69	0.01	4.69	96.67	32.07	0.97	0.003	0.000	0.003
469	4.69	4.70	0.01	4.70	96.65	31.86	0.97	0.003	0.000	0.003
470	4.70	4.71	0.01	4.71	96.63	31.29	0.97	0.003	0.000	0.003
471	4.71	4.72	0.01	4.72	96.61	30.26	0.97	0.003	0.000	0.003
472	4.72	4.73	0.01	4.73	96.59	29.77	0.97	0.003	0.000	0.003
473	4.73	4.74	0.01	4.74	96.57	29.18	0.97	0.003	0.000	0.003
474	4.74	4.75	0.01	4.75	96.55	28.65	0.97	0.003	0.000	0.003
475	4.75	4.76	0.01	4.76	96.53	28.24	0.97	0.003	0.000	0.003
476	4.76	4.77	0.01	4.77	96.51	27.98	0.97	0.003	0.000	0.003
477	4.77	4.78	0.01	4.78	96.50	27.43	0.96	0.004	0.000	0.004
478	4.78	4.79	0.01	4.79	96.48	26.85	0.96	0.004	0.000	0.004
479	4.79	4.80	0.01	4.80	96.46	26.28	0.96	0.004	0.000	0.004
480	4.80	4.81	0.01	4.81	96.44	26.00	0.96	0.004	0.000	0.004
481	4.81	4.82	0.01	4.82	96.42	25.70	0.96	0.004	0.000	0.004
482	4.82	4.83	0.01	4.83	96.40	25.27	0.96	0.004	0.000	0.004
483	4.83	4.84	0.01	4.84	96.38	24.85	0.96	0.004	0.000	0.004
484	4.84	4.85	0.01	4.85	96.36	24.48	0.96	0.004	0.000	0.004
485	4.85	4.86	0.01	4.86	96.34	24.28	0.96	0.004	0.000	0.004
486	4.86	4.87	0.01	4.87	96.32	24.05	0.96	0.004	0.000	0.004
487	4.87	4.88	0.01	4.88	96.30	23.93	0.96	0.004	0.000	0.004
488	4.88	4.89	0.01	4.89	96.28	23.93	0.96	0.004	0.000	0.004
489	4.89	4.90	0.01	4.90	96.26	24.01	0.96	0.004	0.000	0.004
490	4.90	4.91	0.01	4.91	96.24	24.05	0.96	0.004	0.000	0.004
491	4.91	4.92	0.01	4.92	96.22	24.15	0.96	0.004	0.000	0.004
492	4.92	4.93	0.01	4.93	96.19	24.36	0.96	0.004	0.000	0.004
493	4.93	4.94	0.01	4.94	96.17	24.85	0.96	0.004	0.000	0.004
494	4.94	4.95	0.01	4.95	96.15	25.38	0.96	0.004	0.000	0.004
495	4.95	4.96	0.01	4.96	96.13	25.89	0.96	0.004	0.000	0.004
496	4.96	4.97	0.01	4.97	96.11	26.14	0.96	0.004	0.000	0.004
497	4.97	4.98	0.01	4.98	96.09	26.24	0.96	0.004	0.000	0.004
498	4.98	4.99	0.01	4.99	96.07	26.23	0.96	0.004	0.000	0.004
499	4.99	5.00	0.01	5.00	96.05	26.18	0.96	0.004	0.000	0.004
500	5.00	5.01	0.01	5.01	96.03	26.12	0.96	0.004	0.000	0.004
501	5.01	5.02	0.01	5.02	96.01	26.03	0.96	0.004	0.000	0.004
502	5.02	5.03	0.01	5.03	95.99	25.97	0.96	0.004	0.000	0.004
503	5.03	5.04	0.01	5.04	95.97	25.98	0.96	0.004	0.000	0.004
504	5.04	5.05	0.01	5.05	95.95	26.07	0.96	0.004	0.000	0.004
505	5.05	5.06	0.01	5.06	95.92	26.18	0.96	0.004	0.000	0.004
506	5.06	5.07	0.01	5.07	95.90	26.24	0.96	0.004	0.000	0.004

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
507	5.07	5.08	0.01	5.08	95.88	26.32	0.96	0.004	0.000	0.004
508	5.08	5.09	0.01	5.09	95.86	26.31	0.96	0.004	0.000	0.004
509	5.09	5.10	0.01	5.10	95.84	26.17	0.96	0.004	0.000	0.004
510	5.10	5.11	0.01	5.11	95.82	25.66	0.96	0.004	0.000	0.004
511	5.11	5.12	0.01	5.12	95.80	25.10	0.96	0.004	0.000	0.004
512	5.12	5.13	0.01	5.13	95.77	24.50	0.96	0.004	0.000	0.004
513	5.13	5.14	0.01	5.14	95.75	24.14	0.96	0.004	0.000	0.004
514	5.14	5.15	0.01	5.15	95.73	23.80	0.96	0.004	0.000	0.004
515	5.15	5.16	0.01	5.16	95.71	23.58	0.96	0.004	0.000	0.004
516	5.16	5.17	0.01	5.17	95.69	23.51	0.96	0.004	0.000	0.004
517	5.17	5.18	0.01	5.18	95.66	23.91	0.96	0.004	0.000	0.004
518	5.18	5.19	0.01	5.19	95.64	24.59	0.96	0.004	0.000	0.004
519	5.19	5.20	0.01	5.20	95.62	25.46	0.96	0.004	0.000	0.004
520	5.20	5.21	0.01	5.21	95.60	26.14	0.96	0.004	0.000	0.004
521	5.21	5.22	0.01	5.22	95.58	26.75	0.96	0.004	0.000	0.004
522	5.22	5.23	0.01	5.23	95.55	27.19	0.96	0.004	0.000	0.004
523	5.23	5.24	0.01	5.24	95.53	27.37	0.96	0.003	0.000	0.003
524	5.24	5.25	0.01	5.25	95.51	27.30	0.96	0.003	0.000	0.003
525	5.25	5.26	0.01	5.26	95.49	27.20	0.95	0.004	0.000	0.004
526	5.26	5.27	0.01	5.27	95.47	27.30	0.95	0.003	0.000	0.003
527	5.27	5.28	0.01	5.28	95.44	27.58	0.95	0.003	0.000	0.003
528	5.28	5.29	0.01	5.29	95.42	27.91	0.95	0.003	0.000	0.003
529	5.29	5.30	0.01	5.30	95.40	27.88	0.95	0.003	0.000	0.003
530	5.30	5.31	0.01	5.31	95.37	27.42	0.95	0.003	0.000	0.003
531	5.31	5.32	0.01	5.32	95.35	26.59	0.95	0.004	0.000	0.004
532	5.32	5.33	0.01	5.33	95.33	25.78	0.95	0.004	0.000	0.004
533	5.33	5.34	0.01	5.34	95.31	25.12	0.95	0.004	0.000	0.004
534	5.34	5.35	0.01	5.35	95.28	24.55	0.95	0.004	0.000	0.004
535	5.35	5.36	0.01	5.36	95.26	24.20	0.95	0.004	0.000	0.004
536	5.36	5.37	0.01	5.37	95.24	23.96	0.95	0.004	0.000	0.004
537	5.37	5.38	0.01	5.38	95.21	23.92	0.95	0.004	0.000	0.004
538	5.38	5.39	0.01	5.39	95.19	23.70	0.95	0.004	0.000	0.004
539	5.39	5.40	0.01	5.40	95.17	23.52	0.95	0.004	0.000	0.004
540	5.40	5.41	0.01	5.41	95.15	23.29	0.95	0.004	0.000	0.004
541	5.41	5.42	0.01	5.42	95.12	23.14	0.95	0.004	0.000	0.004
542	5.42	5.43	0.01	5.43	95.10	23.05	0.95	0.004	0.000	0.004
543	5.43	5.44	0.01	5.44	95.08	23.17	0.95	0.004	0.000	0.004
544	5.44	5.45	0.01	5.45	95.05	23.48	0.95	0.004	0.000	0.004
545	5.45	5.46	0.01	5.46	95.03	23.99	0.95	0.004	0.000	0.004
546	5.46	5.47	0.01	5.47	95.00	24.56	0.95	0.004	0.000	0.004
547	5.47	5.48	0.01	5.48	94.98	21.39	0.95	0.004	0.000	0.004
548	5.48	5.49	0.01	5.49	94.96	22.19	0.95	0.004	0.000	0.004
549	5.49	5.50	0.01	5.50	94.93	22.65	0.95	0.004	0.000	0.004
550	5.50	5.51	0.01	5.51	94.91	26.65	0.95	0.004	0.000	0.004
551	5.51	5.52	0.01	5.52	94.89	26.08	0.95	0.004	0.000	0.004
552	5.52	5.53	0.01	5.53	94.86	25.53	0.95	0.004	0.000	0.004

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
553	5.53	5.54	0.01	5.54	94.84	24.98	0.95	0.004	0.000	0.004
554	5.54	5.55	0.01	5.55	94.81	24.59	0.95	0.004	0.000	0.004
555	5.55	5.56	0.01	5.56	94.79	24.24	0.95	0.004	0.000	0.004
556	5.56	5.57	0.01	5.57	94.77	24.01	0.95	0.004	0.000	0.004
557	5.57	5.58	0.01	5.58	94.74	24.04	0.95	0.004	0.000	0.004
558	5.58	5.59	0.01	5.59	94.72	24.08	0.95	0.004	0.000	0.004
559	5.59	5.60	0.01	5.60	94.69	24.05	0.95	0.004	0.000	0.004
560	5.60	5.61	0.01	5.61	94.67	23.98	0.95	0.004	0.000	0.004
561	5.61	5.62	0.01	5.62	94.64	23.97	0.95	0.004	0.000	0.004
562	5.62	5.63	0.01	5.63	94.62	24.12	0.95	0.004	0.000	0.004
563	5.63	5.64	0.01	5.64	94.60	24.37	0.95	0.004	0.000	0.004
564	5.64	5.65	0.01	5.65	94.57	24.81	0.95	0.004	0.000	0.004
565	5.65	5.66	0.01	5.66	94.55	25.39	0.95	0.004	0.000	0.004
566	5.66	5.67	0.01	5.67	94.52	26.26	0.95	0.004	0.000	0.004
567	5.67	5.68	0.01	5.68	94.50	27.07	0.94	0.003	0.000	0.003
568	5.68	5.69	0.01	5.69	94.47	27.82	0.94	0.003	0.000	0.003
569	5.69	5.70	0.01	5.70	94.45	28.25	0.94	0.003	0.000	0.003
570	5.70	5.71	0.01	5.71	94.42	28.53	0.94	0.003	0.000	0.003
571	5.71	5.72	0.01	5.72	94.40	28.62	0.94	0.003	0.000	0.003
572	5.72	5.73	0.01	5.73	94.37	28.56	0.94	0.003	0.000	0.003
573	5.73	5.74	0.01	5.74	94.35	28.25	0.94	0.003	0.000	0.003
574	5.74	5.75	0.01	5.75	94.32	27.74	0.94	0.003	0.000	0.003
575	5.75	5.76	0.01	5.76	94.30	26.94	0.94	0.004	0.000	0.004
576	5.76	5.77	0.01	5.77	94.27	26.07	0.94	0.004	0.000	0.004
577	5.77	5.78	0.01	5.78	94.25	25.10	0.94	0.004	0.000	0.004
578	5.78	5.79	0.01	5.79	94.22	24.26	0.94	0.004	0.000	0.004
579	5.79	5.80	0.01	5.80	94.20	23.59	0.94	0.004	0.000	0.004
580	5.80	5.81	0.01	5.81	94.17	23.18	0.94	0.004	0.000	0.004
581	5.81	5.82	0.01	5.82	94.15	22.86	0.94	0.004	0.000	0.004
582	5.82	5.83	0.01	5.83	94.12	22.66	0.94	0.004	0.000	0.004
583	5.83	5.84	0.01	5.84	94.09	22.68	0.94	0.004	0.000	0.004
584	5.84	5.85	0.01	5.85	94.07	23.00	0.94	0.004	0.000	0.004
585	5.85	5.86	0.01	5.86	94.04	23.64	0.94	0.004	0.000	0.004
586	5.86	5.87	0.01	5.87	94.02	24.26	0.94	0.004	0.000	0.004
587	5.87	5.88	0.01	5.88	93.99	24.68	0.94	0.004	0.000	0.004
588	5.88	5.89	0.01	5.89	93.97	24.64	0.94	0.004	0.000	0.004
589	5.89	5.90	0.01	5.90	93.94	24.23	0.94	0.004	0.000	0.004
590	5.90	5.91	0.01	5.91	93.91	23.75	0.94	0.004	0.000	0.004
591	5.91	5.92	0.01	5.92	93.89	23.34	0.94	0.004	0.000	0.004
592	5.92	5.93	0.01	5.93	93.86	23.21	0.94	0.004	0.000	0.004
593	5.93	5.94	0.01	5.94	93.84	23.23	0.94	0.004	0.000	0.004
594	5.94	5.95	0.01	5.95	93.81	23.47	0.94	0.004	0.000	0.004
595	5.95	5.96	0.01	5.96	93.78	23.97	0.94	0.004	0.000	0.004
596	5.96	5.97	0.01	5.97	93.76	24.61	0.94	0.004	0.000	0.004
597	5.97	5.98	0.01	5.98	93.73	25.66	0.94	0.004	0.000	0.004
598	5.98	5.99	0.01	5.99	93.70	26.69	0.94	0.004	0.000	0.004

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
599	5.99	6.00	0.01	6.00	93.68	27.62	0.94	0.003	0.000	0.003
600	6.00	6.01	0.01	6.01	93.65	28.11	0.94	0.003	0.000	0.003
601	6.01	6.02	0.01	6.02	93.62	28.36	0.94	0.003	0.000	0.003
602	6.02	6.03	0.01	6.03	93.60	28.44	0.94	0.003	0.000	0.003
603	6.03	6.04	0.01	6.04	93.57	28.34	0.94	0.003	0.000	0.003
604	6.04	6.05	0.01	6.05	93.54	28.09	0.94	0.003	0.000	0.003
605	6.05	6.06	0.01	6.06	93.52	27.69	0.94	0.003	0.000	0.003
606	6.06	6.07	0.01	6.07	93.49	27.18	0.93	0.003	0.000	0.003
607	6.07	6.08	0.01	6.08	93.46	26.66	0.93	0.004	0.000	0.004
608	6.08	6.09	0.01	6.09	93.44	25.65	0.93	0.004	0.000	0.004
609	6.09	6.10	0.01	6.10	93.41	24.42	0.93	0.004	0.000	0.004
610	6.10	6.11	0.01	6.11	93.38	23.08	0.93	0.004	0.000	0.004
611	6.11	6.12	0.01	6.12	93.36	22.16	0.93	0.004	0.000	0.004
612	6.12	6.13	0.01	6.13	93.33	21.20	0.93	0.004	0.000	0.004
613	6.13	6.14	0.01	6.14	93.30	20.40	0.93	0.005	0.000	0.005
614	6.14	6.15	0.01	6.15	93.28	19.70	0.93	0.005	0.000	0.005
615	6.15	6.16	0.01	6.16	93.25	19.30	0.93	0.005	0.000	0.005
616	6.16	6.17	0.01	6.17	93.22	18.82	0.93	0.005	0.000	0.005
617	6.17	6.18	0.01	6.18	93.19	18.39	0.93	0.005	0.000	0.005
618	6.18	6.19	0.01	6.19	93.17	17.96	0.93	0.005	0.000	0.005
619	6.19	6.20	0.01	6.20	93.14	17.68	0.93	0.005	0.000	0.005
620	6.20	6.21	0.01	6.21	93.11	17.37	0.93	0.005	0.000	0.005
621	6.21	6.22	0.01	6.22	93.08	17.16	0.93	0.005	0.000	0.005
622	6.22	6.23	0.01	6.23	93.06	17.01	0.93	0.005	0.000	0.005
623	6.23	6.24	0.01	6.24	93.03	17.02	0.93	0.005	0.000	0.005
624	6.24	6.25	0.01	6.25	93.00	17.07	0.93	0.005	0.000	0.005
625	6.25	6.26	0.01	6.26	92.97	17.18	0.93	0.005	0.000	0.005
626	6.26	6.27	0.01	6.27	92.94	17.31	0.93	0.005	0.000	0.005
627	6.27	6.28	0.01	6.28	92.92	17.59	0.93	0.005	0.000	0.005
628	6.28	6.29	0.01	6.29	92.89	17.90	0.93	0.005	0.000	0.005
629	6.29	6.30	0.01	6.30	92.86	18.23	0.93	0.005	0.000	0.005
630	6.30	6.31	0.01	6.31	92.83	18.48	0.93	0.005	0.000	0.005
631	6.31	6.32	0.01	6.32	92.80	18.87	0.93	0.005	0.000	0.005
632	6.32	6.33	0.01	6.33	92.78	19.30	0.93	0.005	0.000	0.005
633	6.33	6.34	0.01	6.34	92.75	19.77	0.93	0.005	0.000	0.005
634	6.34	6.35	0.01	6.35	92.72	20.33	0.93	0.005	0.000	0.005
635	6.35	6.36	0.01	6.36	92.69	20.90	0.93	0.004	0.000	0.004
636	6.36	6.37	0.01	6.37	92.66	21.46	0.93	0.004	0.000	0.004
637	6.37	6.38	0.01	6.38	92.64	21.84	0.93	0.004	0.000	0.004
638	6.38	6.39	0.01	6.39	92.61	22.16	0.93	0.004	0.000	0.004
639	6.39	6.40	0.01	6.40	92.58	22.62	0.93	0.004	0.000	0.004
640	6.40	6.41	0.01	6.41	92.55	23.08	0.93	0.004	0.000	0.004
641	6.41	6.42	0.01	6.42	92.52	23.58	0.93	0.004	0.000	0.004
642	6.42	6.43	0.01	6.43	92.49	23.89	0.92	0.004	0.000	0.004
643	6.43	6.44	0.01	6.44	92.46	24.14	0.92	0.004	0.000	0.004
644	6.44	6.45	0.01	6.45	92.44	24.33	0.92	0.004	0.000	0.004

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
645	6.45	6.46	0.01	6.46	92.41	24.45	0.92	0.004	0.000	0.004
646	6.46	6.47	0.01	6.47	92.38	24.48	0.92	0.004	0.000	0.004
647	6.47	6.48	0.01	6.48	92.35	24.65	0.92	0.004	0.000	0.004
648	6.48	6.49	0.01	6.49	92.32	24.80	0.92	0.004	0.000	0.004
649	6.49	6.50	0.01	6.50	92.29	24.90	0.92	0.004	0.000	0.004
650	6.50	6.51	0.01	6.51	92.26	24.72	0.92	0.004	0.000	0.004
651	6.51	6.52	0.01	6.52	92.23	24.56	0.92	0.004	0.000	0.004
652	6.52	6.53	0.01	6.53	92.20	24.45	0.92	0.004	0.000	0.004
653	6.53	6.54	0.01	6.54	92.18	24.43	0.92	0.004	0.000	0.004
654	6.54	6.55	0.01	6.55	92.15	24.46	0.92	0.004	0.000	0.004
655	6.55	6.56	0.01	6.56	92.12	24.62	0.92	0.004	0.000	0.004
656	6.56	6.57	0.01	6.57	92.09	24.79	0.92	0.004	0.000	0.004
657	6.57	6.58	0.01	6.58	92.06	24.94	0.92	0.004	0.000	0.004
658	6.58	6.59	0.01	6.59	92.03	25.10	0.92	0.004	0.000	0.004
659	6.59	6.60	0.01	6.60	92.00	25.23	0.92	0.004	0.000	0.004
660	6.60	6.61	0.01	6.61	91.97	25.28	0.92	0.004	0.000	0.004
661	6.61	6.62	0.01	6.62	91.94	25.15	0.92	0.004	0.000	0.004
662	6.62	6.63	0.01	6.63	91.91	24.99	0.92	0.004	0.000	0.004
663	6.63	6.64	0.01	6.64	91.88	24.79	0.92	0.004	0.000	0.004
664	6.64	6.65	0.01	6.65	91.85	24.67	0.92	0.004	0.000	0.004
665	6.65	6.66	0.01	6.66	91.82	24.54	0.92	0.004	0.000	0.004
666	6.66	6.67	0.01	6.67	91.79	24.47	0.92	0.004	0.000	0.004
667	6.67	6.68	0.01	6.68	91.76	24.38	0.92	0.004	0.000	0.004
668	6.68	6.69	0.01	6.69	91.73	24.28	0.92	0.004	0.000	0.004
669	6.69	6.70	0.01	6.70	91.70	24.18	0.92	0.004	0.000	0.004
670	6.70	6.71	0.01	6.71	91.67	23.90	0.92	0.004	0.000	0.004
671	6.71	6.72	0.01	6.72	91.64	23.55	0.92	0.004	0.000	0.004
672	6.72	6.73	0.01	6.73	91.61	23.12	0.92	0.004	0.000	0.004
673	6.73	6.74	0.01	6.74	91.58	22.82	0.92	0.004	0.000	0.004
674	6.74	6.75	0.01	6.75	91.55	22.46	0.92	0.004	0.000	0.004
675	6.75	6.76	0.01	6.76	91.52	22.14	0.92	0.004	0.000	0.004
676	6.76	6.77	0.01	6.77	91.49	21.83	0.91	0.004	0.000	0.004
677	6.77	6.78	0.01	6.78	91.46	21.51	0.91	0.004	0.000	0.004
678	6.78	6.79	0.01	6.79	91.43	21.18	0.91	0.004	0.000	0.004
679	6.79	6.80	0.01	6.80	91.40	20.85	0.91	0.004	0.000	0.004
680	6.80	6.81	0.01	6.81	91.37	20.59	0.91	0.004	0.000	0.004
681	6.81	6.82	0.01	6.82	91.34	20.30	0.91	0.004	0.000	0.004
682	6.82	6.83	0.01	6.83	91.31	20.05	0.91	0.005	0.000	0.005
683	6.83	6.84	0.01	6.84	91.28	19.90	0.91	0.005	0.000	0.005
684	6.84	6.85	0.01	6.85	91.25	19.92	0.91	0.005	0.000	0.005
685	6.85	6.86	0.01	6.86	91.22	20.03	0.91	0.005	0.000	0.005
686	6.86	6.87	0.01	6.87	91.19	20.23	0.91	0.005	0.000	0.005
687	6.87	6.88	0.01	6.88	91.16	20.52	0.91	0.004	0.000	0.004
688	6.88	6.89	0.01	6.89	91.13	20.92	0.91	0.004	0.000	0.004
689	6.89	6.90	0.01	6.90	91.10	21.62	0.91	0.004	0.000	0.004
690	6.90	6.91	0.01	6.91	91.06	22.32	0.91	0.004	0.000	0.004

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
691	6.91	6.92	0.01	6.92	91.03	22.92	0.91	0.004	0.000	0.004
692	6.92	6.93	0.01	6.93	91.00	23.21	0.91	0.004	0.000	0.004
693	6.93	6.94	0.01	6.94	90.97	23.41	0.91	0.004	0.000	0.004
694	6.94	6.95	0.01	6.95	90.94	23.44	0.91	0.004	0.000	0.004
695	6.95	6.96	0.01	6.96	90.91	23.19	0.91	0.004	0.000	0.004
696	6.96	6.97	0.01	6.97	90.88	22.24	0.91	0.004	0.000	0.004
697	6.97	6.98	0.01	6.98	90.85	20.99	0.91	0.004	0.000	0.004
698	6.98	6.99	0.01	6.99	90.82	19.57	0.91	0.005	0.000	0.005
699	6.99	7.00	0.01	7.00	90.79	18.42	0.91	0.005	0.000	0.005
700	7.00	7.01	0.01	7.01	90.75	17.14	0.91	0.005	0.000	0.005
701	7.01	7.02	0.01	7.02	90.72	16.06	0.91	0.006	0.000	0.006
702	7.02	7.03	0.01	7.03	90.69	15.24	0.91	0.006	0.000	0.006
703	7.03	7.04	0.01	7.04	90.66	14.90	0.91	0.006	0.000	0.006
704	7.04	7.05	0.01	7.05	90.63	14.70	0.91	0.006	0.000	0.006
705	7.05	7.06	0.01	7.06	90.60	14.73	0.91	0.006	0.000	0.006
706	7.06	7.07	0.01	7.07	90.57	14.92	0.91	0.006	0.000	0.006
707	7.07	7.08	0.01	7.08	90.53	15.41	0.91	0.006	0.000	0.006
708	7.08	7.09	0.01	7.09	90.50	15.94	0.91	0.006	0.000	0.006
709	7.09	7.10	0.01	7.10	90.47	16.50	0.90	0.005	0.000	0.005
710	7.10	7.11	0.01	7.11	90.44	16.97	0.90	0.005	0.000	0.005
711	7.11	7.12	0.01	7.12	90.41	17.54	0.90	0.005	0.000	0.005
712	7.12	7.13	0.01	7.13	90.38	18.04	0.90	0.005	0.000	0.005
713	7.13	7.14	0.01	7.14	90.34	18.55	0.90	0.005	0.000	0.005
714	7.14	7.15	0.01	7.15	90.31	19.05	0.90	0.005	0.000	0.005
715	7.15	7.16	0.01	7.16	90.28	19.81	0.90	0.005	0.000	0.005
716	7.16	7.17	0.01	7.17	90.25	20.41	0.90	0.004	0.000	0.004
717	7.17	7.18	0.01	7.18	90.22	20.68	0.90	0.004	0.000	0.004
718	7.18	7.19	0.01	7.19	90.18	20.51	0.90	0.004	0.000	0.004
719	7.19	7.20	0.01	7.20	90.15	19.79	0.90	0.005	0.000	0.005
720	7.20	7.21	0.01	7.21	90.12	18.73	0.90	0.005	0.000	0.005
721	7.21	7.22	0.01	7.22	90.09	17.46	0.90	0.005	0.000	0.005
722	7.22	7.23	0.01	7.23	90.06	16.39	0.90	0.005	0.000	0.005
723	7.23	7.24	0.01	7.24	90.02	15.45	0.90	0.006	0.000	0.006
724	7.24	7.25	0.01	7.25	89.99	14.63	0.90	0.006	0.000	0.006
725	7.25	7.26	0.01	7.26	89.96	14.00	0.90	0.006	0.000	0.006
726	7.26	7.27	0.01	7.27	89.93	13.53	0.90	0.007	0.000	0.007
727	7.27	7.28	0.01	7.28	89.89	13.19	0.90	0.007	0.000	0.007
728	7.28	7.29	0.01	7.29	89.86	12.95	0.90	0.007	0.000	0.007
729	7.29	7.30	0.01	7.30	89.83	12.92	0.90	0.007	0.000	0.007
730	7.30	7.31	0.01	7.31	89.80	12.88	0.90	0.007	0.000	0.007
731	7.31	7.32	0.01	7.32	89.76	12.89	0.90	0.007	0.000	0.007
732	7.32	7.33	0.01	7.33	89.73	12.83	0.90	0.007	0.000	0.007
733	7.33	7.34	0.01	7.34	89.70	12.80	0.90	0.007	0.000	0.007
734	7.34	7.35	0.01	7.35	89.67	13.17	0.90	0.007	0.000	0.007
735	7.35	7.36	0.01	7.36	89.63	13.76	0.90	0.007	0.000	0.007
736	7.36	7.37	0.01	7.37	89.60	14.14	0.90	0.006	0.000	0.006

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
737	7.37	7.38	0.01	7.38	89.57	14.34	0.90	0.006	0.000	0.006
738	7.38	7.39	0.01	7.39	89.54	14.36	0.90	0.006	0.000	0.006
739	7.39	7.40	0.01	7.40	89.50	14.20	0.90	0.006	0.000	0.006
740	7.40	7.41	0.01	7.41	89.47	13.56	0.89	0.007	0.000	0.007
741	7.41	7.42	0.01	7.42	89.44	12.77	0.89	0.007	0.000	0.007
742	7.42	7.43	0.01	7.43	89.40	12.24	0.89	0.007	0.000	0.007
743	7.43	7.44	0.01	7.44	89.37	11.86	0.89	0.008	0.000	0.008
744	7.44	7.45	0.01	7.45	89.34	11.60	0.89	0.008	0.000	0.008
745	7.45	7.46	0.01	7.46	89.31	11.37	0.89	0.008	0.000	0.008
746	7.46	7.47	0.01	7.47	89.27	7.89	0.89	0.011	0.000	0.011
747	7.47	7.48	0.01	7.48	89.24	7.69	0.89	0.012	0.000	0.012
748	7.48	7.49	0.01	7.49	89.21	7.70	0.89	0.012	0.000	0.012
749	7.49	7.50	0.01	7.50	89.17	10.95	0.89	0.008	0.000	0.008
750	7.50	7.51	0.01	7.51	89.14	11.17	0.89	0.008	0.000	0.008
751	7.51	7.52	0.01	7.52	89.11	11.37	0.89	0.008	0.000	0.008
752	7.52	7.53	0.01	7.53	89.07	11.69	0.89	0.008	0.000	0.008
753	7.53	7.54	0.01	7.54	89.04	12.01	0.89	0.007	0.000	0.007
754	7.54	7.55	0.01	7.55	89.01	12.40	0.89	0.007	0.000	0.007
755	7.55	7.56	0.01	7.56	88.97	12.76	0.89	0.007	0.000	0.007
756	7.56	7.57	0.01	7.57	88.94	13.15	0.89	0.007	0.000	0.007
757	7.57	7.58	0.01	7.58	88.91	13.58	0.89	0.007	0.000	0.007
758	7.58	7.59	0.01	7.59	88.87	14.14	0.89	0.006	0.000	0.006
759	7.59	7.60	0.01	7.60	88.84	14.54	0.89	0.006	0.000	0.006
760	7.60	7.61	0.01	7.61	88.80	15.16	0.89	0.006	0.000	0.006
761	7.61	7.62	0.01	7.62	88.77	15.81	0.89	0.006	0.000	0.006
762	7.62	7.63	0.01	7.63	88.74	16.50	0.89	0.005	0.000	0.005
763	7.63	7.64	0.01	7.64	88.70	17.16	0.89	0.005	0.000	0.005
764	7.64	7.65	0.01	7.65	88.67	17.68	0.89	0.005	0.000	0.005
765	7.65	7.66	0.01	7.66	88.64	17.93	0.89	0.005	0.000	0.005
766	7.66	7.67	0.01	7.67	88.60	17.53	0.89	0.005	0.000	0.005
767	7.67	7.68	0.01	7.68	88.57	16.99	0.89	0.005	0.000	0.005
768	7.68	7.69	0.01	7.69	88.53	16.38	0.89	0.005	0.000	0.005
769	7.69	7.70	0.01	7.70	88.50	15.92	0.89	0.006	0.000	0.006
770	7.70	7.71	0.01	7.71	88.47	15.43	0.88	0.006	0.000	0.006
771	7.71	7.72	0.01	7.72	88.43	14.79	0.88	0.006	0.000	0.006
772	7.72	7.73	0.01	7.73	88.40	14.18	0.88	0.006	0.000	0.006
773	7.73	7.74	0.01	7.74	88.36	13.19	0.88	0.007	0.000	0.007
774	7.74	7.75	0.01	7.75	88.33	12.72	0.88	0.007	0.000	0.007
775	7.75	7.76	0.01	7.76	88.30	12.56	0.88	0.007	0.000	0.007
776	7.76	7.77	0.01	7.77	88.26	12.75	0.88	0.007	0.000	0.007
777	7.77	7.78	0.01	7.78	88.23	13.88	0.88	0.006	0.000	0.006
778	7.78	7.79	0.01	7.79	88.19	14.97	0.88	0.006	0.000	0.006
779	7.79	7.80	0.01	7.80	88.16	16.15	0.88	0.005	0.000	0.005
780	7.80	7.81	0.01	7.81	88.13	17.36	0.88	0.005	0.000	0.005
781	7.81	7.82	0.01	7.82	88.09	19.23	0.88	0.005	0.000	0.005
782	7.82	7.83	0.01	7.83	88.06	21.49	0.88	0.004	0.000	0.004

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
783	7.83	7.84	0.01	7.84	88.02	23.86	0.88	0.004	0.000	0.004
784	7.84	7.85	0.01	7.85	87.99	26.79	0.88	0.003	0.000	0.003
785	7.85	7.86	0.01	7.86	87.95	29.69	0.88	0.003	0.000	0.003
786	7.86	7.87	0.01	7.87	87.92	32.45	0.88	0.003	0.000	0.003
787	7.87	7.88	0.01	7.88	87.88	34.43	0.88	0.003	0.000	0.003
788	7.88	7.89	0.01	7.89	87.85	35.90	0.88	0.002	0.000	0.002
789	7.89	7.90	0.01	7.90	87.81	37.03	0.88	0.002	0.000	0.002
790	7.90	7.91	0.01	7.91	87.78	37.42	0.88	0.002	0.000	0.002
791	7.91	7.92	0.01	7.92	87.75	36.81	0.88	0.002	0.000	0.002
792	7.92	7.93	0.01	7.93	87.71	35.76	0.88	0.002	0.000	0.002
793	7.93	7.94	0.01	7.94	87.68	34.44	0.88	0.003	0.000	0.003
794	7.94	7.95	0.01	7.95	87.64	33.89	0.88	0.003	0.000	0.003
795	7.95	7.96	0.01	7.96	87.61	34.39	0.88	0.003	0.000	0.003
796	7.96	7.97	0.01	7.97	87.57	35.60	0.88	0.002	0.000	0.002
797	7.97	7.98	0.01	7.98	87.54	37.30	0.88	0.002	0.000	0.002
798	7.98	7.99	0.01	7.99	87.50	37.63	0.88	0.002	0.000	0.002
799	7.99	8.00	0.01	8.00	87.47	36.33	0.87	0.002	0.000	0.002
800	8.00	8.01	0.01	8.01	87.43	33.27	0.87	0.003	0.000	0.003
801	8.01	8.02	0.01	8.02	87.40	28.88	0.87	0.003	0.000	0.003
802	8.02	8.03	0.01	8.03	87.36	24.90	0.87	0.004	0.000	0.004
803	8.03	8.04	0.01	8.04	87.33	21.62	0.87	0.004	0.000	0.004
804	8.04	8.05	0.01	8.05	87.29	19.88	0.87	0.004	0.000	0.004
805	8.05	8.06	0.01	8.06	87.26	18.03	0.87	0.005	0.000	0.005
806	8.06	8.07	0.01	8.07	87.22	16.47	0.87	0.005	0.000	0.005
807	8.07	8.08	0.01	8.08	87.19	15.41	0.87	0.006	0.000	0.006
808	8.08	8.09	0.01	8.09	87.15	15.63	0.87	0.006	0.000	0.006
809	8.09	8.10	0.01	8.10	87.12	16.45	0.87	0.005	0.000	0.005
810	8.10	8.11	0.01	8.11	87.08	17.63	0.87	0.005	0.000	0.005
811	8.11	8.12	0.01	8.12	87.05	18.48	0.87	0.005	0.000	0.005
812	8.12	8.13	0.01	8.13	87.01	18.92	0.87	0.005	0.000	0.005
813	8.13	8.14	0.01	8.14	86.97	18.94	0.87	0.005	0.000	0.005
814	8.14	8.15	0.01	8.15	86.94	18.63	0.87	0.005	0.000	0.005
815	8.15	8.16	0.01	8.16	86.90	17.75	0.87	0.005	0.000	0.005
816	8.16	8.17	0.01	8.17	86.87	16.69	0.87	0.005	0.000	0.005
817	8.17	8.18	0.01	8.18	86.83	15.65	0.87	0.006	0.000	0.006
818	8.18	8.19	0.01	8.19	86.80	15.29	0.87	0.006	0.000	0.006
819	8.19	8.20	0.01	8.20	86.76	15.41	0.87	0.006	0.000	0.006
820	8.20	8.21	0.01	8.21	86.73	15.94	0.87	0.005	0.000	0.005
821	8.21	8.22	0.01	8.22	86.69	16.40	0.87	0.005	0.000	0.005
822	8.22	8.23	0.01	8.23	86.65	16.52	0.87	0.005	0.000	0.005
823	8.23	8.24	0.01	8.24	86.62	16.20	0.87	0.005	0.000	0.005
824	8.24	8.25	0.01	8.25	86.58	15.74	0.87	0.006	0.000	0.006
825	8.25	8.26	0.01	8.26	86.55	15.30	0.87	0.006	0.000	0.006
826	8.26	8.27	0.01	8.27	86.51	14.80	0.87	0.006	0.000	0.006
827	8.27	8.28	0.01	8.28	86.48	14.03	0.86	0.006	0.000	0.006
828	8.28	8.29	0.01	8.29	86.44	13.68	0.86	0.006	0.000	0.006

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
829	8.29	8.30	0.01	8.30	86.40	14.25	0.86	0.006	0.000	0.006
830	8.30	8.31	0.01	8.31	86.37	15.09	0.86	0.006	0.000	0.006
831	8.31	8.32	0.01	8.32	86.33	15.60	0.86	0.006	0.000	0.006
832	8.32	8.33	0.01	8.33	86.30	16.30	0.86	0.005	0.000	0.005
833	8.33	8.34	0.01	8.34	86.26	17.23	0.86	0.005	0.000	0.005
834	8.34	8.35	0.01	8.35	86.23	18.29	0.86	0.005	0.000	0.005
835	8.35	8.36	0.01	8.36	86.19	18.88	0.86	0.005	0.000	0.005
836	8.36	8.37	0.01	8.37	86.15	18.99	0.86	0.005	0.000	0.005
837	8.37	8.38	0.01	8.38	86.12	18.55	0.86	0.005	0.000	0.005
838	8.38	8.39	0.01	8.39	86.08	17.80	0.86	0.005	0.000	0.005
839	8.39	8.40	0.01	8.40	86.04	16.91	0.86	0.005	0.000	0.005
840	8.40	8.41	0.01	8.41	86.01	16.19	0.86	0.005	0.000	0.005
841	8.41	8.42	0.01	8.42	85.97	15.63	0.86	0.005	0.000	0.005
842	8.42	8.43	0.01	8.43	85.94	15.46	0.86	0.006	0.000	0.006
843	8.43	8.44	0.01	8.44	85.90	15.50	0.86	0.006	0.000	0.006
844	8.44	8.45	0.01	8.45	85.86	15.79	0.86	0.005	0.000	0.005
845	8.45	8.46	0.01	8.46	85.83	16.16	0.86	0.005	0.000	0.005
846	8.46	8.47	0.01	8.47	85.79	12.36	0.86	0.007	0.000	0.007
847	8.47	8.48	0.01	8.48	85.75	14.12	0.86	0.006	0.000	0.006
848	8.48	8.49	0.01	8.49	85.72	15.55	0.86	0.006	0.000	0.006
849	8.49	8.50	0.01	8.50	85.68	19.32	0.86	0.004	0.000	0.004
850	8.50	8.51	0.01	8.51	85.65	19.66	0.86	0.004	0.000	0.004
851	8.51	8.52	0.01	8.52	85.61	20.14	0.86	0.004	0.000	0.004
852	8.52	8.53	0.01	8.53	85.57	20.66	0.86	0.004	0.000	0.004
853	8.53	8.54	0.01	8.54	85.54	21.26	0.86	0.004	0.000	0.004
854	8.54	8.55	0.01	8.55	85.50	21.79	0.85	0.004	0.000	0.004
855	8.55	8.56	0.01	8.56	85.46	21.99	0.85	0.004	0.000	0.004
856	8.56	8.57	0.01	8.57	85.43	21.37	0.85	0.004	0.000	0.004
857	8.57	8.58	0.01	8.58	85.39	20.45	0.85	0.004	0.000	0.004
858	8.58	8.59	0.01	8.59	85.35	19.52	0.85	0.004	0.000	0.004
859	8.59	8.60	0.01	8.60	85.32	19.05	0.85	0.004	0.000	0.004
860	8.60	8.61	0.01	8.61	85.28	18.68	0.85	0.005	0.000	0.005
861	8.61	8.62	0.01	8.62	85.24	18.37	0.85	0.005	0.000	0.005
862	8.62	8.63	0.01	8.63	85.21	17.90	0.85	0.005	0.000	0.005
863	8.63	8.64	0.01	8.64	85.17	17.31	0.85	0.005	0.000	0.005
864	8.64	8.65	0.01	8.65	85.13	16.70	0.85	0.005	0.000	0.005
865	8.65	8.66	0.01	8.66	85.10	16.43	0.85	0.005	0.000	0.005
866	8.66	8.67	0.01	8.67	85.06	16.63	0.85	0.005	0.000	0.005
867	8.67	8.68	0.01	8.68	85.02	17.24	0.85	0.005	0.000	0.005
868	8.68	8.69	0.01	8.69	84.99	18.43	0.85	0.005	0.000	0.005
869	8.69	8.70	0.01	8.70	84.95	19.49	0.85	0.004	0.000	0.004
870	8.70	8.71	0.01	8.71	84.91	20.13	0.85	0.004	0.000	0.004
871	8.71	8.72	0.01	8.72	84.88	20.03	0.85	0.004	0.000	0.004
872	8.72	8.73	0.01	8.73	84.84	19.64	0.85	0.004	0.000	0.004
873	8.73	8.74	0.01	8.74	84.80	19.30	0.85	0.004	0.000	0.004
874	8.74	8.75	0.01	8.75	84.76	19.12	0.85	0.004	0.000	0.004

:: Tabular results ::

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875	8.75	8.76	0.01	8.76	84.73	19.22	0.85	0.004	0.000	0.004
876	8.76	8.77	0.01	8.77	84.69	19.57	0.85	0.004	0.000	0.004
877	8.77	8.78	0.01	8.78	84.65	20.04	0.85	0.004	0.000	0.004
878	8.78	8.79	0.01	8.79	84.62	20.59	0.85	0.004	0.000	0.004
879	8.79	8.80	0.01	8.80	84.58	21.11	0.85	0.004	0.000	0.004
880	8.80	8.81	0.01	8.81	84.54	21.40	0.85	0.004	0.000	0.004
881	8.81	8.82	0.01	8.82	84.50	21.23	0.85	0.004	0.000	0.004
882	8.82	8.83	0.01	8.83	84.47	20.18	0.84	0.004	0.000	0.004
883	8.83	8.84	0.01	8.84	84.43	18.99	0.84	0.004	0.000	0.004
884	8.84	8.85	0.01	8.85	84.39	17.82	0.84	0.005	0.000	0.005
885	8.85	8.86	0.01	8.86	84.36	17.26	0.84	0.005	0.000	0.005
886	8.86	8.87	0.01	8.87	84.32	16.93	0.84	0.005	0.000	0.005
887	8.87	8.88	0.01	8.88	84.28	16.92	0.84	0.005	0.000	0.005
888	8.88	8.89	0.01	8.89	84.24	17.27	0.84	0.005	0.000	0.005
889	8.89	8.90	0.01	8.90	84.21	17.61	0.84	0.005	0.000	0.005
890	8.90	8.91	0.01	8.91	84.17	17.85	0.84	0.005	0.000	0.005
891	8.91	8.92	0.01	8.92	84.13	17.70	0.84	0.005	0.000	0.005
892	8.92	8.93	0.01	8.93	84.09	16.91	0.84	0.005	0.000	0.005
893	8.93	8.94	0.01	8.94	84.06	15.67	0.84	0.005	0.000	0.005
894	8.94	8.95	0.01	8.95	84.02	13.80	0.84	0.006	0.000	0.006
895	8.95	8.96	0.01	8.96	83.98	12.54	0.84	0.007	0.000	0.007
896	8.96	8.97	0.01	8.97	83.94	11.64	0.84	0.007	0.000	0.007
897	8.97	8.98	0.01	8.98	83.91	11.00	0.84	0.008	0.000	0.008
898	8.98	8.99	0.01	8.99	83.87	10.98	0.84	0.008	0.000	0.008
899	8.99	9.00	0.01	9.00	83.83	11.15	0.84	0.008	0.000	0.008
900	9.00	9.01	0.01	9.01	83.79	11.48	0.84	0.007	0.000	0.007
901	9.01	9.02	0.01	9.02	83.76	11.93	0.84	0.007	0.000	0.007
902	9.02	9.03	0.01	9.03	83.72	12.50	0.84	0.007	0.000	0.007
903	9.03	9.04	0.01	9.04	83.68	12.95	0.84	0.006	0.000	0.006
904	9.04	9.05	0.01	9.05	83.64	13.33	0.84	0.006	0.000	0.006
905	9.05	9.06	0.01	9.06	83.61	13.29	0.84	0.006	0.000	0.006
906	9.06	9.07	0.01	9.07	83.57	12.94	0.84	0.006	0.000	0.006
907	9.07	9.08	0.01	9.08	83.53	12.36	0.84	0.007	0.000	0.007
908	9.08	9.09	0.01	9.09	83.49	12.17	0.83	0.007	0.000	0.007
909	9.09	9.10	0.01	9.10	83.46	12.31	0.83	0.007	0.000	0.007
910	9.10	9.11	0.01	9.11	83.42	12.89	0.83	0.006	0.000	0.006
911	9.11	9.12	0.01	9.12	83.38	13.98	0.83	0.006	0.000	0.006
912	9.12	9.13	0.01	9.13	83.34	15.27	0.83	0.005	0.000	0.005
913	9.13	9.14	0.01	9.14	83.30	16.61	0.83	0.005	0.000	0.005
914	9.14	9.15	0.01	9.15	83.27	17.10	0.83	0.005	0.000	0.005
915	9.15	9.16	0.01	9.16	83.23	17.85	0.83	0.005	0.000	0.005
916	9.16	9.17	0.01	9.17	83.19	18.68	0.83	0.004	0.000	0.004
917	9.17	9.18	0.01	9.18	83.15	19.37	0.83	0.004	0.000	0.004
918	9.18	9.19	0.01	9.19	83.12	19.56	0.83	0.004	0.000	0.004
919	9.19	9.20	0.01	9.20	83.08	19.44	0.83	0.004	0.000	0.004
920	9.20	9.21	0.01	9.21	83.04	19.27	0.83	0.004	0.000	0.004

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
921	9.21	9.22	0.01	9.22	83.00	19.09	0.83	0.004	0.000	0.004
922	9.22	9.23	0.01	9.23	82.96	18.82	0.83	0.004	0.000	0.004
923	9.23	9.24	0.01	9.24	82.93	18.40	0.83	0.005	0.000	0.005
924	9.24	9.25	0.01	9.25	82.89	18.09	0.83	0.005	0.000	0.005
925	9.25	9.26	0.01	9.26	82.85	17.90	0.83	0.005	0.000	0.005
926	9.26	9.27	0.01	9.27	82.81	17.40	0.83	0.005	0.000	0.005
927	9.27	9.28	0.01	9.28	82.77	16.74	0.83	0.005	0.000	0.005
928	9.28	9.29	0.01	9.29	82.73	15.39	0.83	0.005	0.000	0.005
929	9.29	9.30	0.01	9.30	82.70	14.86	0.83	0.006	0.000	0.006
930	9.30	9.31	0.01	9.31	82.66	14.62	0.83	0.006	0.000	0.006
931	9.31	9.32	0.01	9.32	82.62	14.93	0.83	0.006	0.000	0.006
932	9.32	9.33	0.01	9.33	82.58	15.42	0.83	0.005	0.000	0.005
933	9.33	9.34	0.01	9.34	82.54	16.15	0.83	0.005	0.000	0.005
934	9.34	9.35	0.01	9.35	82.51	16.78	0.83	0.005	0.000	0.005
935	9.35	9.36	0.01	9.36	82.47	17.14	0.82	0.005	0.000	0.005
936	9.36	9.37	0.01	9.37	82.43	17.38	0.82	0.005	0.000	0.005
937	9.37	9.38	0.01	9.38	82.39	17.58	0.82	0.005	0.000	0.005
938	9.38	9.39	0.01	9.39	82.35	17.63	0.82	0.005	0.000	0.005
939	9.39	9.40	0.01	9.40	82.31	17.54	0.82	0.005	0.000	0.005
940	9.40	9.41	0.01	9.41	82.28	17.25	0.82	0.005	0.000	0.005
941	9.41	9.42	0.01	9.42	82.24	17.14	0.82	0.005	0.000	0.005
942	9.42	9.43	0.01	9.43	82.20	17.14	0.82	0.005	0.000	0.005
943	9.43	9.44	0.01	9.44	82.16	17.38	0.82	0.005	0.000	0.005
944	9.44	9.45	0.01	9.45	82.12	17.77	0.82	0.005	0.000	0.005
945	9.45	9.46	0.01	9.46	82.08	18.18	0.82	0.005	0.000	0.005
946	9.46	9.47	0.01	9.47	82.05	14.65	0.82	0.006	0.000	0.006
947	9.47	9.48	0.01	9.48	82.01	16.16	0.82	0.005	0.000	0.005
948	9.48	9.49	0.01	9.49	81.97	17.22	0.82	0.005	0.000	0.005
949	9.49	9.50	0.01	9.50	81.93	20.63	0.82	0.004	0.000	0.004
950	9.50	9.51	0.01	9.51	81.89	20.59	0.82	0.004	0.000	0.004
951	9.51	9.52	0.01	9.52	81.85	20.39	0.82	0.004	0.000	0.004
952	9.52	9.53	0.01	9.53	81.82	19.85	0.82	0.004	0.000	0.004
953	9.53	9.54	0.01	9.54	81.78	18.93	0.82	0.004	0.000	0.004
954	9.54	9.55	0.01	9.55	81.74	17.79	0.82	0.005	0.000	0.005
955	9.55	9.56	0.01	9.56	81.70	16.24	0.82	0.005	0.000	0.005
956	9.56	9.57	0.01	9.57	81.66	14.29	0.82	0.006	0.000	0.006
957	9.57	9.58	0.01	9.58	81.62	13.09	0.82	0.006	0.000	0.006
958	9.58	9.59	0.01	9.59	81.58	12.39	0.82	0.007	0.000	0.007
959	9.59	9.60	0.01	9.60	81.55	12.34	0.82	0.007	0.000	0.007
960	9.60	9.61	0.01	9.61	81.51	12.68	0.82	0.006	0.000	0.006
961	9.61	9.62	0.01	9.62	81.47	13.04	0.81	0.006	0.000	0.006
962	9.62	9.63	0.01	9.63	81.43	13.61	0.81	0.006	0.000	0.006
963	9.63	9.64	0.01	9.64	81.39	14.34	0.81	0.006	0.000	0.006
964	9.64	9.65	0.01	9.65	81.35	15.61	0.81	0.005	0.000	0.005
965	9.65	9.66	0.01	9.66	81.31	17.99	0.81	0.005	0.000	0.005
966	9.66	9.67	0.01	9.67	81.28	20.22	0.81	0.004	0.000	0.004

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
967	9.67	9.68	0.01	9.68	81.24	22.96	0.81	0.004	0.000	0.004
968	9.68	9.69	0.01	9.69	81.20	25.64	0.81	0.003	0.000	0.003
969	9.69	9.70	0.01	9.70	81.16	28.19	0.81	0.003	0.000	0.003
970	9.70	9.71	0.01	9.71	81.12	29.82	0.81	0.003	0.000	0.003
971	9.71	9.72	0.01	9.72	81.08	30.44	0.81	0.003	0.000	0.003
972	9.72	9.73	0.01	9.73	81.04	30.03	0.81	0.003	0.000	0.003
973	9.73	9.74	0.01	9.74	81.00	29.45	0.81	0.003	0.000	0.003
974	9.74	9.75	0.01	9.75	80.97	28.97	0.81	0.003	0.000	0.003
975	9.75	9.76	0.01	9.76	80.93	28.74	0.81	0.003	0.000	0.003
976	9.76	9.77	0.01	9.77	80.89	28.87	0.81	0.003	0.000	0.003
977	9.77	9.78	0.01	9.78	80.85	29.00	0.81	0.003	0.000	0.003
978	9.78	9.79	0.01	9.79	80.81	28.84	0.81	0.003	0.000	0.003
979	9.79	9.80	0.01	9.80	80.77	28.11	0.81	0.003	0.000	0.003
980	9.80	9.81	0.01	9.81	80.73	27.20	0.81	0.003	0.000	0.003
981	9.81	9.82	0.01	9.82	80.69	26.33	0.81	0.003	0.000	0.003
982	9.82	9.83	0.01	9.83	80.65	25.69	0.81	0.003	0.000	0.003
983	9.83	9.84	0.01	9.84	80.62	25.40	0.81	0.003	0.000	0.003
984	9.84	9.85	0.01	9.85	80.58	25.47	0.81	0.003	0.000	0.003
985	9.85	9.86	0.01	9.86	80.54	25.58	0.81	0.003	0.000	0.003
986	9.86	9.87	0.01	9.87	80.50	25.44	0.80	0.003	0.000	0.003
987	9.87	9.88	0.01	9.88	80.46	25.21	0.80	0.003	0.000	0.003
988	9.88	9.89	0.01	9.89	80.42	25.24	0.80	0.003	0.000	0.003
989	9.89	9.90	0.01	9.90	80.38	25.40	0.80	0.003	0.000	0.003
990	9.90	9.91	0.01	9.91	80.34	25.33	0.80	0.003	0.000	0.003
991	9.91	9.92	0.01	9.92	80.30	24.77	0.80	0.003	0.000	0.003
992	9.92	9.93	0.01	9.93	80.26	23.86	0.80	0.003	0.000	0.003
993	9.93	9.94	0.01	9.94	80.23	23.10	0.80	0.003	0.000	0.003
994	9.94	9.95	0.01	9.95	80.19	22.68	0.80	0.004	0.000	0.004
995	9.95	9.96	0.01	9.96	80.15	22.77	0.80	0.004	0.000	0.004
996	9.96	9.97	0.01	9.97	80.11	23.02	0.80	0.003	0.000	0.003
997	9.97	9.98	0.01	9.98	80.07	23.28	0.80	0.003	0.000	0.003
998	9.98	9.99	0.01	9.99	80.03	23.48	0.80	0.003	0.000	0.003
999	9.99	10.00	0.01	10.00	79.99	23.45	0.80	0.003	0.000	0.003
1000	10.00	10.01	0.01	10.01	79.95	23.13	0.80	0.003	0.000	0.003
1001	10.01	10.02	0.01	10.02	79.91	22.61	0.80	0.004	0.000	0.004
1002	10.02	10.03	0.01	10.03	79.87	22.15	0.80	0.004	0.000	0.004
1003	10.03	10.04	0.01	10.04	79.83	21.89	0.80	0.004	0.000	0.004
1004	10.04	10.05	0.01	10.05	79.80	21.87	0.80	0.004	0.000	0.004
1005	10.05	10.06	0.01	10.06	79.76	22.55	0.80	0.004	0.000	0.004
1006	10.06	10.07	0.01	10.07	79.72	23.55	0.80	0.003	0.000	0.003
1007	10.07	10.08	0.01	10.08	79.68	24.65	0.80	0.003	0.000	0.003
1008	10.08	10.09	0.01	10.09	79.64	25.26	0.80	0.003	0.000	0.003
1009	10.09	10.10	0.01	10.10	79.60	25.54	0.80	0.003	0.000	0.003
1010	10.10	10.11	0.01	10.11	79.56	25.46	0.80	0.003	0.000	0.003
1011	10.11	10.12	0.01	10.12	79.52	25.21	0.80	0.003	0.000	0.003
1012	10.12	10.13	0.01	10.13	79.48	24.98	0.79	0.003	0.000	0.003

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1013	10.13	10.14	0.01	10.14	79.44	24.91	0.79	0.003	0.000	0.003
1014	10.14	10.15	0.01	10.15	79.40	25.14	0.79	0.003	0.000	0.003
1015	10.15	10.16	0.01	10.16	79.36	25.39	0.79	0.003	0.000	0.003
1016	10.16	10.17	0.01	10.17	79.33	25.39	0.79	0.003	0.000	0.003
1017	10.17	10.18	0.01	10.18	79.29	24.92	0.79	0.003	0.000	0.003
1018	10.18	10.19	0.01	10.19	79.25	24.38	0.79	0.003	0.000	0.003
1019	10.19	10.20	0.01	10.20	79.21	24.17	0.79	0.003	0.000	0.003
1020	10.20	10.21	0.01	10.21	79.17	23.69	0.79	0.003	0.000	0.003
1021	10.21	10.22	0.01	10.22	79.13	22.39	0.79	0.004	0.000	0.004
1022	10.22	10.23	0.01	10.23	79.09	20.25	0.79	0.004	0.000	0.004
1023	10.23	10.24	0.01	10.24	79.05	17.56	0.79	0.005	0.000	0.005
1024	10.24	10.25	0.01	10.25	79.01	14.30	0.79	0.006	0.000	0.006
1025	10.25	10.26	0.01	10.26	78.97	12.36	0.79	0.006	0.000	0.006
1026	10.26	10.27	0.01	10.27	78.93	11.80	0.79	0.007	0.000	0.007
1027	10.27	10.28	0.01	10.28	78.89	12.15	0.79	0.006	0.000	0.006
1028	10.28	10.29	0.01	10.29	78.85	13.15	0.79	0.006	0.000	0.006
1029	10.29	10.30	0.01	10.30	78.81	14.53	0.79	0.005	0.000	0.005
1030	10.30	10.31	0.01	10.31	78.77	16.48	0.79	0.005	0.000	0.005
1031	10.31	10.32	0.01	10.32	78.74	18.90	0.79	0.004	0.000	0.004
1032	10.32	10.33	0.01	10.33	78.70	20.49	0.79	0.004	0.000	0.004
1033	10.33	10.34	0.01	10.34	78.66	22.25	0.79	0.004	0.000	0.004
1034	10.34	10.35	0.01	10.35	78.62	24.45	0.79	0.003	0.000	0.003
1035	10.35	10.36	0.01	10.36	78.58	25.75	0.79	0.003	0.000	0.003
1036	10.36	10.37	0.01	10.37	78.54	25.60	0.79	0.003	0.000	0.003
1037	10.37	10.38	0.01	10.38	78.50	23.64	0.78	0.003	0.000	0.003
1038	10.38	10.39	0.01	10.39	78.46	21.53	0.78	0.004	0.000	0.004
1039	10.39	10.40	0.01	10.40	78.42	19.95	0.78	0.004	0.000	0.004
1040	10.40	10.41	0.01	10.41	78.38	18.98	0.78	0.004	0.000	0.004
1041	10.41	10.42	0.01	10.42	78.34	18.85	0.78	0.004	0.000	0.004
1042	10.42	10.43	0.01	10.43	78.30	19.79	0.78	0.004	0.000	0.004
1043	10.43	10.44	0.01	10.44	78.26	21.40	0.78	0.004	0.000	0.004
1044	10.44	10.45	0.01	10.45	78.22	23.04	0.78	0.003	0.000	0.003
1045	10.45	10.46	0.01	10.46	78.18	21.01	0.78	0.004	0.000	0.004
1046	10.46	10.47	0.01	10.47	78.14	22.36	0.78	0.003	0.000	0.003
1047	10.47	10.48	0.01	10.48	78.10	22.72	0.78	0.003	0.000	0.003
1048	10.48	10.49	0.01	10.49	78.06	25.73	0.78	0.003	0.000	0.003
1049	10.49	10.50	0.01	10.50	78.03	24.72	0.78	0.003	0.000	0.003
1050	10.50	10.51	0.01	10.51	77.99	24.21	0.78	0.003	0.000	0.003
1051	10.51	10.52	0.01	10.52	77.95	24.15	0.78	0.003	0.000	0.003
1052	10.52	10.53	0.01	10.53	77.91	24.64	0.78	0.003	0.000	0.003
1053	10.53	10.54	0.01	10.54	77.87	25.92	0.78	0.003	0.000	0.003
1054	10.54	10.55	0.01	10.55	77.83	26.86	0.78	0.003	0.000	0.003
1055	10.55	10.56	0.01	10.56	77.79	27.13	0.78	0.003	0.000	0.003
1056	10.56	10.57	0.01	10.57	77.75	26.64	0.78	0.003	0.000	0.003
1057	10.57	10.58	0.01	10.58	77.71	26.21	0.78	0.003	0.000	0.003
1058	10.58	10.59	0.01	10.59	77.67	25.96	0.78	0.003	0.000	0.003

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1059	10.59	10.60	0.01	10.60	77.63	25.25	0.78	0.003	0.000	0.003
1060	10.60	10.61	0.01	10.61	77.59	24.34	0.78	0.003	0.000	0.003
1061	10.61	10.62	0.01	10.62	77.55	23.36	0.78	0.003	0.000	0.003
1062	10.62	10.63	0.01	10.63	77.51	22.73	0.78	0.003	0.000	0.003
1063	10.63	10.64	0.01	10.64	77.47	22.01	0.77	0.004	0.000	0.004
1064	10.64	10.65	0.01	10.65	77.43	21.34	0.77	0.004	0.000	0.004
1065	10.65	10.66	0.01	10.66	77.39	20.80	0.77	0.004	0.000	0.004
1066	10.66	10.67	0.01	10.67	77.35	20.69	0.77	0.004	0.000	0.004
1067	10.67	10.68	0.01	10.68	77.31	20.75	0.77	0.004	0.000	0.004
1068	10.68	10.69	0.01	10.69	77.27	21.05	0.77	0.004	0.000	0.004
1069	10.69	10.70	0.01	10.70	77.23	21.99	0.77	0.004	0.000	0.004
1070	10.70	10.71	0.01	10.71	77.19	23.18	0.77	0.003	0.000	0.003
1071	10.71	10.72	0.01	10.72	77.15	24.36	0.77	0.003	0.000	0.003
1072	10.72	10.73	0.01	10.73	77.12	25.00	0.77	0.003	0.000	0.003
1073	10.73	10.74	0.01	10.74	77.08	25.14	0.77	0.003	0.000	0.003
1074	10.74	10.75	0.01	10.75	77.04	24.75	0.77	0.003	0.000	0.003
1075	10.75	10.76	0.01	10.76	77.00	23.88	0.77	0.003	0.000	0.003
1076	10.76	10.77	0.01	10.77	76.96	22.89	0.77	0.003	0.000	0.003
1077	10.77	10.78	0.01	10.78	76.92	22.26	0.77	0.003	0.000	0.003
1078	10.78	10.79	0.01	10.79	76.88	21.98	0.77	0.003	0.000	0.003
1079	10.79	10.80	0.01	10.80	76.84	21.68	0.77	0.004	0.000	0.004
1080	10.80	10.81	0.01	10.81	76.80	21.16	0.77	0.004	0.000	0.004
1081	10.81	10.82	0.01	10.82	76.76	20.66	0.77	0.004	0.000	0.004
1082	10.82	10.83	0.01	10.83	76.72	20.75	0.77	0.004	0.000	0.004
1083	10.83	10.84	0.01	10.84	76.68	21.31	0.77	0.004	0.000	0.004
1084	10.84	10.85	0.01	10.85	76.64	22.18	0.77	0.003	0.000	0.003
1085	10.85	10.86	0.01	10.86	76.60	23.19	0.77	0.003	0.000	0.003
1086	10.86	10.87	0.01	10.87	76.56	23.79	0.77	0.003	0.000	0.003
1087	10.87	10.88	0.01	10.88	76.52	24.01	0.77	0.003	0.000	0.003
1088	10.88	10.89	0.01	10.89	76.48	23.93	0.76	0.003	0.000	0.003
1089	10.89	10.90	0.01	10.90	76.44	24.12	0.76	0.003	0.000	0.003
1090	10.90	10.91	0.01	10.91	76.40	24.42	0.76	0.003	0.000	0.003
1091	10.91	10.92	0.01	10.92	76.36	24.51	0.76	0.003	0.000	0.003
1092	10.92	10.93	0.01	10.93	76.32	24.45	0.76	0.003	0.000	0.003
1093	10.93	10.94	0.01	10.94	76.28	24.39	0.76	0.003	0.000	0.003
1094	10.94	10.95	0.01	10.95	76.24	24.80	0.76	0.003	0.000	0.003
1095	10.95	10.96	0.01	10.96	76.20	25.43	0.76	0.003	0.000	0.003
1096	10.96	10.97	0.01	10.97	76.16	25.96	0.76	0.003	0.000	0.003
1097	10.97	10.98	0.01	10.98	76.12	25.83	0.76	0.003	0.000	0.003
1098	10.98	10.99	0.01	10.99	76.08	24.97	0.76	0.003	0.000	0.003
1099	10.99	11.00	0.01	11.00	76.04	24.33	0.76	0.003	0.000	0.003
1100	11.00	11.01	0.01	11.01	76.00	24.38	0.76	0.003	0.000	0.003
1101	11.01	11.02	0.01	11.02	75.96	25.55	0.76	0.003	0.000	0.003
1102	11.02	11.03	0.01	11.03	75.92	26.95	0.76	0.003	0.000	0.003
1103	11.03	11.04	0.01	11.04	75.89	28.26	0.76	0.003	0.000	0.003
1104	11.04	11.05	0.01	11.05	75.85	29.13	0.76	0.003	0.000	0.003

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1105	11.05	11.06	0.01	11.06	75.81	29.82	0.76	0.003	0.000	0.003
1106	11.06	11.07	0.01	11.07	75.77	30.25	0.76	0.003	0.000	0.003
1107	11.07	11.08	0.01	11.08	75.73	30.49	0.76	0.002	0.000	0.002
1108	11.08	11.09	0.01	11.09	75.69	30.48	0.76	0.002	0.000	0.002
1109	11.09	11.10	0.01	11.10	75.65	30.40	0.76	0.002	0.000	0.002
1110	11.10	11.11	0.01	11.11	75.61	30.32	0.76	0.002	0.000	0.002
1111	11.11	11.12	0.01	11.12	75.57	30.26	0.76	0.002	0.000	0.002
1112	11.12	11.13	0.01	11.13	75.53	30.26	0.76	0.002	0.000	0.002
1113	11.13	11.14	0.01	11.14	75.49	30.36	0.75	0.002	0.000	0.002
1114	11.14	11.15	0.01	11.15	75.45	31.01	0.75	0.002	0.000	0.002
1115	11.15	11.16	0.01	11.16	75.41	31.97	0.75	0.002	0.000	0.002
1116	11.16	11.17	0.01	11.17	75.37	33.07	0.75	0.002	0.000	0.002
1117	11.17	11.18	0.01	11.18	75.33	33.69	0.75	0.002	0.000	0.002
1118	11.18	11.19	0.01	11.19	75.29	33.92	0.75	0.002	0.000	0.002
1119	11.19	11.20	0.01	11.20	75.25	33.84	0.75	0.002	0.000	0.002
1120	11.20	11.21	0.01	11.21	75.21	33.71	0.75	0.002	0.000	0.002
1121	11.21	11.22	0.01	11.22	75.17	33.68	0.75	0.002	0.000	0.002
1122	11.22	11.23	0.01	11.23	75.13	33.59	0.75	0.002	0.000	0.002
1123	11.23	11.24	0.01	11.24	75.09	33.36	0.75	0.002	0.000	0.002
1124	11.24	11.25	0.01	11.25	75.05	32.87	0.75	0.002	0.000	0.002
1125	11.25	11.26	0.01	11.26	75.01	32.31	0.75	0.002	0.000	0.002
1126	11.26	11.27	0.01	11.27	74.97	31.82	0.75	0.002	0.000	0.002
1127	11.27	11.28	0.01	11.28	74.93	32.05	0.75	0.002	0.000	0.002
1128	11.28	11.29	0.01	11.29	74.89	32.81	0.75	0.002	0.000	0.002
1129	11.29	11.30	0.01	11.30	74.85	33.75	0.75	0.002	0.000	0.002
1130	11.30	11.31	0.01	11.31	74.81	33.50	0.75	0.002	0.000	0.002
1131	11.31	11.32	0.01	11.32	74.77	32.20	0.75	0.002	0.000	0.002
1132	11.32	11.33	0.01	11.33	74.73	30.11	0.75	0.002	0.000	0.002
1133	11.33	11.34	0.01	11.34	74.69	27.77	0.75	0.003	0.000	0.003
1134	11.34	11.35	0.01	11.35	74.65	26.03	0.75	0.003	0.000	0.003
1135	11.35	11.36	0.01	11.36	74.61	25.02	0.75	0.003	0.000	0.003
1136	11.36	11.37	0.01	11.37	74.57	25.47	0.75	0.003	0.000	0.003
1137	11.37	11.38	0.01	11.38	74.53	26.51	0.75	0.003	0.000	0.003
1138	11.38	11.39	0.01	11.39	74.49	27.88	0.74	0.003	0.000	0.003
1139	11.39	11.40	0.01	11.40	74.46	28.79	0.74	0.003	0.000	0.003
1140	11.40	11.41	0.01	11.41	74.42	28.88	0.74	0.003	0.000	0.003
1141	11.41	11.42	0.01	11.42	74.38	28.12	0.74	0.003	0.000	0.003
1142	11.42	11.43	0.01	11.43	74.34	27.07	0.74	0.003	0.000	0.003
1143	11.43	11.44	0.01	11.44	74.30	26.10	0.74	0.003	0.000	0.003
1144	11.44	11.45	0.01	11.45	74.26	25.72	0.74	0.003	0.000	0.003
1145	11.45	11.46	0.01	11.46	74.22	23.79	0.74	0.003	0.000	0.003
1146	11.46	11.47	0.01	11.47	74.18	26.05	0.74	0.003	0.000	0.003
1147	11.47	11.48	0.01	11.48	74.14	28.42	0.74	0.003	0.000	0.003
1148	11.48	11.49	0.01	11.49	74.10	32.59	0.74	0.002	0.000	0.002
1149	11.49	11.50	0.01	11.50	74.06	31.90	0.74	0.002	0.000	0.002
1150	11.50	11.51	0.01	11.51	74.02	30.59	0.74	0.002	0.000	0.002

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1151	11.51	11.52	0.01	11.52	73.98	29.12	0.74	0.003	0.000	0.003
1152	11.52	11.53	0.01	11.53	73.94	28.17	0.74	0.003	0.000	0.003
1153	11.53	11.54	0.01	11.54	73.90	27.27	0.74	0.003	0.000	0.003
1154	11.54	11.55	0.01	11.55	73.86	26.11	0.74	0.003	0.000	0.003
1155	11.55	11.56	0.01	11.56	73.82	24.22	0.74	0.003	0.000	0.003
1156	11.56	11.57	0.01	11.57	73.78	22.03	0.74	0.003	0.000	0.003
1157	11.57	11.58	0.01	11.58	73.74	18.53	0.74	0.004	0.000	0.004
1158	11.58	11.59	0.01	11.59	73.70	15.16	0.74	0.005	0.000	0.005
1159	11.59	11.60	0.01	11.60	73.66	12.99	0.74	0.006	0.000	0.006
1160	11.60	11.61	0.01	11.61	73.62	11.74	0.74	0.006	0.000	0.006
1161	11.61	11.62	0.01	11.62	73.58	11.00	0.74	0.007	0.000	0.007
1162	11.62	11.63	0.01	11.63	73.54	10.30	0.74	0.007	0.000	0.007
1163	11.63	11.64	0.01	11.64	73.50	9.75	0.74	0.008	0.000	0.008
1164	11.64	11.65	0.01	11.65	73.46	9.60	0.73	0.008	0.000	0.008
1165	11.65	11.66	0.01	11.66	73.42	9.40	0.73	0.008	0.000	0.008
1166	11.66	11.67	0.01	11.67	73.38	9.24	0.73	0.008	0.000	0.008
1167	11.67	11.68	0.01	11.68	73.34	9.14	0.73	0.008	0.000	0.008
1168	11.68	11.69	0.01	11.69	73.30	9.16	0.73	0.008	0.000	0.008
1169	11.69	11.70	0.01	11.70	73.26	9.05	0.73	0.008	0.000	0.008
1170	11.70	11.71	0.01	11.71	73.22	8.63	0.73	0.008	0.000	0.008
1171	11.71	11.72	0.01	11.72	73.19	8.10	0.73	0.009	0.000	0.009
1172	11.72	11.73	0.01	11.73	73.15	7.73	0.73	0.009	0.000	0.009
1173	11.73	11.74	0.01	11.74	73.11	8.54	0.73	0.009	0.000	0.009
1174	11.74	11.75	0.01	11.75	73.07	10.07	0.73	0.007	0.000	0.007
1175	11.75	11.76	0.01	11.76	73.03	12.10	0.73	0.006	0.000	0.006
1176	11.76	11.77	0.01	11.77	72.99	13.84	0.73	0.005	0.000	0.005
1177	11.77	11.78	0.01	11.78	72.95	16.52	0.73	0.004	0.000	0.004
1178	11.78	11.79	0.01	11.79	72.91	19.32	0.73	0.004	0.000	0.004
1179	11.79	11.80	0.01	11.80	72.87	20.61	0.73	0.004	0.000	0.004
1180	11.80	11.81	0.01	11.81	72.83	19.35	0.73	0.004	0.000	0.004
1181	11.81	11.82	0.01	11.82	72.79	16.80	0.73	0.004	0.000	0.004
1182	11.82	11.83	0.01	11.83	72.75	13.95	0.73	0.005	0.000	0.005
1183	11.83	11.84	0.01	11.84	72.71	11.75	0.73	0.006	0.000	0.006
1184	11.84	11.85	0.01	11.85	72.67	10.41	0.73	0.007	0.000	0.007
1185	11.85	11.86	0.01	11.86	72.63	10.81	0.73	0.007	0.000	0.007
1186	11.86	11.87	0.01	11.87	72.59	11.97	0.73	0.006	0.000	0.006
1187	11.87	11.88	0.01	11.88	72.55	13.73	0.73	0.005	0.000	0.005
1188	11.88	11.89	0.01	11.89	72.51	15.76	0.73	0.005	0.000	0.005
1189	11.89	11.90	0.01	11.90	72.47	17.57	0.72	0.004	0.000	0.004
1190	11.90	11.91	0.01	11.91	72.43	19.13	0.72	0.004	0.000	0.004
1191	11.91	11.92	0.01	11.92	72.39	19.94	0.72	0.004	0.000	0.004
1192	11.92	11.93	0.01	11.93	72.35	20.71	0.72	0.003	0.000	0.003
1193	11.93	11.94	0.01	11.94	72.31	21.39	0.72	0.003	0.000	0.003
1194	11.94	11.95	0.01	11.95	72.27	21.83	0.72	0.003	0.000	0.003
1195	11.95	11.96	0.01	11.96	72.23	22.12	0.72	0.003	0.000	0.003
1196	11.96	11.97	0.01	11.97	72.20	22.23	0.72	0.003	0.000	0.003

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1197	11.97	11.98	0.01	11.98	72.16	21.91	0.72	0.003	0.000	0.003
1198	11.98	11.99	0.01	11.99	72.12	21.45	0.72	0.003	0.000	0.003
1199	11.99	12.00	0.01	12.00	72.08	20.62	0.72	0.003	0.000	0.003
1200	12.00	12.01	0.01	12.01	72.04	20.05	0.72	0.004	0.000	0.004
1201	12.01	12.02	0.01	12.02	72.00	19.39	0.72	0.004	0.000	0.004
1202	12.02	12.03	0.01	12.03	71.96	18.87	0.72	0.004	0.000	0.004
1203	12.03	12.04	0.01	12.04	71.92	18.56	0.72	0.004	0.000	0.004
1204	12.04	12.05	0.01	12.05	71.88	17.98	0.72	0.004	0.000	0.004
1205	12.05	12.06	0.01	12.06	71.84	17.55	0.72	0.004	0.000	0.004
1206	12.06	12.07	0.01	12.07	71.80	17.28	0.72	0.004	0.000	0.004
1207	12.07	12.08	0.01	12.08	71.76	17.07	0.72	0.004	0.000	0.004
1208	12.08	12.09	0.01	12.09	71.72	16.33	0.72	0.004	0.000	0.004
1209	12.09	12.10	0.01	12.10	71.68	15.17	0.72	0.005	0.000	0.005
1210	12.10	12.11	0.01	12.11	71.64	13.99	0.72	0.005	0.000	0.005
1211	12.11	12.12	0.01	12.12	71.60	13.39	0.72	0.005	0.000	0.005
1212	12.12	12.13	0.01	12.13	71.56	13.46	0.72	0.005	0.000	0.005
1213	12.13	12.14	0.01	12.14	71.52	13.90	0.72	0.005	0.000	0.005
1214	12.14	12.15	0.01	12.15	71.48	14.00	0.71	0.005	0.000	0.005
1215	12.15	12.16	0.01	12.16	71.44	13.28	0.71	0.005	0.000	0.005
1216	12.16	12.17	0.01	12.17	71.41	12.42	0.71	0.006	0.000	0.006
1217	12.17	12.18	0.01	12.18	71.37	11.67	0.71	0.006	0.000	0.006
1218	12.18	12.19	0.01	12.19	71.33	11.32	0.71	0.006	0.000	0.006
1219	12.19	12.20	0.01	12.20	71.29	11.29	0.71	0.006	0.000	0.006
1220	12.20	12.21	0.01	12.21	71.25	11.46	0.71	0.006	0.000	0.006
1221	12.21	12.22	0.01	12.22	71.21	11.86	0.71	0.006	0.000	0.006
1222	12.22	12.23	0.01	12.23	71.17	12.27	0.71	0.006	0.000	0.006
1223	12.23	12.24	0.01	12.24	71.13	12.69	0.71	0.006	0.000	0.006
1224	12.24	12.25	0.01	12.25	71.09	12.93	0.71	0.006	0.000	0.006
1225	12.25	12.26	0.01	12.26	71.05	13.08	0.71	0.005	0.000	0.005
1226	12.26	12.27	0.01	12.27	71.01	13.12	0.71	0.005	0.000	0.005
1227	12.27	12.28	0.01	12.28	70.97	13.19	0.71	0.005	0.000	0.005
1228	12.28	12.29	0.01	12.29	70.93	13.35	0.71	0.005	0.000	0.005
1229	12.29	12.30	0.01	12.30	70.89	13.53	0.71	0.005	0.000	0.005
1230	12.30	12.31	0.01	12.31	70.85	13.71	0.71	0.005	0.000	0.005
1231	12.31	12.32	0.01	12.32	70.81	13.87	0.71	0.005	0.000	0.005
1232	12.32	12.33	0.01	12.33	70.78	14.03	0.71	0.005	0.000	0.005
1233	12.33	12.34	0.01	12.34	70.74	14.19	0.71	0.005	0.000	0.005
1234	12.34	12.35	0.01	12.35	70.70	14.40	0.71	0.005	0.000	0.005
1235	12.35	12.36	0.01	12.36	70.66	14.68	0.71	0.005	0.000	0.005
1236	12.36	12.37	0.01	12.37	70.62	14.99	0.71	0.005	0.000	0.005
1237	12.37	12.38	0.01	12.38	70.58	15.21	0.71	0.005	0.000	0.005
1238	12.38	12.39	0.01	12.39	70.54	15.34	0.71	0.005	0.000	0.005
1239	12.39	12.40	0.01	12.40	70.50	15.42	0.70	0.005	0.000	0.005
1240	12.40	12.41	0.01	12.41	70.46	15.46	0.70	0.005	0.000	0.005
1241	12.41	12.42	0.01	12.42	70.42	15.60	0.70	0.005	0.000	0.005
1242	12.42	12.43	0.01	12.43	70.38	16.15	0.70	0.004	0.000	0.004

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1243	12.43	12.44	0.01	12.44	70.34	16.97	0.70	0.004	0.000	0.004
1244	12.44	12.45	0.01	12.45	70.30	18.02	0.70	0.004	0.000	0.004
1245	12.45	12.46	0.01	12.46	70.26	18.74	0.70	0.004	0.000	0.004
1246	12.46	12.47	0.01	12.47	70.23	20.91	0.70	0.003	0.000	0.003
1247	12.47	12.48	0.01	12.48	70.19	22.45	0.70	0.003	0.000	0.003
1248	12.48	12.49	0.01	12.49	70.15	22.79	0.70	0.003	0.000	0.003
1249	12.49	12.50	0.01	12.50	70.11	21.62	0.70	0.003	0.000	0.003
1250	12.50	12.51	0.01	12.51	70.07	20.38	0.70	0.003	0.000	0.003
1251	12.51	12.52	0.01	12.52	70.03	19.57	0.70	0.004	0.000	0.004
1252	12.52	12.53	0.01	12.53	69.99	18.94	0.70	0.004	0.000	0.004
1253	12.53	12.54	0.01	12.54	69.95	18.34	0.70	0.004	0.000	0.004
1254	12.54	12.55	0.01	12.55	69.91	18.04	0.70	0.004	0.000	0.004
1255	12.55	12.56	0.01	12.56	69.87	17.90	0.70	0.004	0.000	0.004
1256	12.56	12.57	0.01	12.57	69.83	17.98	0.70	0.004	0.000	0.004
1257	12.57	12.58	0.01	12.58	69.79	18.19	0.70	0.004	0.000	0.004
1258	12.58	12.59	0.01	12.59	69.75	18.46	0.70	0.004	0.000	0.004
1259	12.59	12.60	0.01	12.60	69.72	18.60	0.70	0.004	0.000	0.004
1260	12.60	12.61	0.01	12.61	69.68	18.70	0.70	0.004	0.000	0.004
1261	12.61	12.62	0.01	12.62	69.64	18.71	0.70	0.004	0.000	0.004
1262	12.62	12.63	0.01	12.63	69.60	18.79	0.70	0.004	0.000	0.004
1263	12.63	12.64	0.01	12.64	69.56	18.80	0.70	0.004	0.000	0.004
1264	12.64	12.65	0.01	12.65	69.52	18.76	0.70	0.004	0.000	0.004
1265	12.65	12.66	0.01	12.66	69.48	18.61	0.69	0.004	0.000	0.004
1266	12.66	12.67	0.01	12.67	69.44	18.19	0.69	0.004	0.000	0.004
1267	12.67	12.68	0.01	12.68	69.40	17.73	0.69	0.004	0.000	0.004
1268	12.68	12.69	0.01	12.69	69.36	17.23	0.69	0.004	0.000	0.004
1269	12.69	12.70	0.01	12.70	69.32	16.91	0.69	0.004	0.000	0.004
1270	12.70	12.71	0.01	12.71	69.29	16.68	0.69	0.004	0.000	0.004
1271	12.71	12.72	0.01	12.72	69.25	16.58	0.69	0.004	0.000	0.004
1272	12.72	12.73	0.01	12.73	69.21	16.60	0.69	0.004	0.000	0.004
1273	12.73	12.74	0.01	12.74	69.17	16.68	0.69	0.004	0.000	0.004
1274	12.74	12.75	0.01	12.75	69.13	16.82	0.69	0.004	0.000	0.004
1275	12.75	12.76	0.01	12.76	69.09	16.80	0.69	0.004	0.000	0.004
1276	12.76	12.77	0.01	12.77	69.05	16.73	0.69	0.004	0.000	0.004
1277	12.77	12.78	0.01	12.78	69.01	16.56	0.69	0.004	0.000	0.004
1278	12.78	12.79	0.01	12.79	68.97	16.42	0.69	0.004	0.000	0.004
1279	12.79	12.80	0.01	12.80	68.93	16.35	0.69	0.004	0.000	0.004
1280	12.80	12.81	0.01	12.81	68.90	16.39	0.69	0.004	0.000	0.004
1281	12.81	12.82	0.01	12.82	68.86	16.65	0.69	0.004	0.000	0.004
1282	12.82	12.83	0.01	12.83	68.82	16.97	0.69	0.004	0.000	0.004
1283	12.83	12.84	0.01	12.84	68.78	17.16	0.69	0.004	0.000	0.004
1284	12.84	12.85	0.01	12.85	68.74	17.18	0.69	0.004	0.000	0.004
1285	12.85	12.86	0.01	12.86	68.70	16.95	0.69	0.004	0.000	0.004
1286	12.86	12.87	0.01	12.87	68.66	16.78	0.69	0.004	0.000	0.004
1287	12.87	12.88	0.01	12.88	68.62	16.65	0.69	0.004	0.000	0.004
1288	12.88	12.89	0.01	12.89	68.58	16.76	0.69	0.004	0.000	0.004

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1289	12.89	12.90	0.01	12.90	68.55	16.99	0.69	0.004	0.000	0.004
1290	12.90	12.91	0.01	12.91	68.51	17.46	0.69	0.004	0.000	0.004
1291	12.91	12.92	0.01	12.92	68.47	18.31	0.68	0.004	0.000	0.004
1292	12.92	12.93	0.01	12.93	68.43	19.18	0.68	0.004	0.000	0.004
1293	12.93	12.94	0.01	12.94	68.39	19.79	0.68	0.003	0.000	0.003
1294	12.94	12.95	0.01	12.95	68.35	19.75	0.68	0.003	0.000	0.003
1295	12.95	12.96	0.01	12.96	68.31	19.59	0.68	0.003	0.000	0.003
1296	12.96	12.97	0.01	12.97	68.27	19.66	0.68	0.003	0.000	0.003
1297	12.97	12.98	0.01	12.98	68.24	20.01	0.68	0.003	0.000	0.003
1298	12.98	12.99	0.01	12.99	68.20	20.21	0.68	0.003	0.000	0.003
1299	12.99	13.00	0.01	13.00	68.16	19.73	0.68	0.003	0.000	0.003
1300	13.00	13.01	0.01	13.01	68.12	19.14	0.68	0.004	0.000	0.004
1301	13.01	13.02	0.01	13.02	68.08	18.69	0.68	0.004	0.000	0.004
1302	13.02	13.03	0.01	13.03	68.04	18.63	0.68	0.004	0.000	0.004
1303	13.03	13.04	0.01	13.04	68.00	18.53	0.68	0.004	0.000	0.004
1304	13.04	13.05	0.01	13.05	67.96	18.41	0.68	0.004	0.000	0.004
1305	13.05	13.06	0.01	13.06	67.93	18.46	0.68	0.004	0.000	0.004
1306	13.06	13.07	0.01	13.07	67.89	19.18	0.68	0.004	0.000	0.004
1307	13.07	13.08	0.01	13.08	67.85	20.21	0.68	0.003	0.000	0.003
1308	13.08	13.09	0.01	13.09	67.81	20.62	0.68	0.003	0.000	0.003
1309	13.09	13.10	0.01	13.10	67.77	17.62	0.68	0.004	0.000	0.004
1310	13.10	13.11	0.01	13.11	67.73	13.59	0.68	0.005	0.000	0.005
1311	13.11	13.12	0.01	13.12	67.69	9.76	0.68	0.007	0.000	0.007
1312	13.12	13.13	0.01	13.13	67.65	7.48	0.68	0.009	0.000	0.009
1313	13.13	13.14	0.01	13.14	67.62	6.00	0.68	0.011	0.000	0.011
1314	13.14	13.15	0.01	13.15	67.58	5.22	0.68	0.013	0.000	0.013
1315	13.15	13.16	0.01	13.16	67.54	5.45	0.68	0.012	0.000	0.012
1316	13.16	13.17	0.01	13.17	67.50	6.01	0.68	0.011	0.000	0.011
1317	13.17	13.18	0.01	13.18	67.46	6.69	0.67	0.010	0.000	0.010
1318	13.18	13.19	0.01	13.19	67.42	7.18	0.67	0.009	0.000	0.009
1319	13.19	13.20	0.01	13.20	67.38	7.29	0.67	0.009	0.000	0.009
1320	13.20	13.21	0.01	13.21	67.35	6.99	0.67	0.010	0.000	0.010
1321	13.21	13.22	0.01	13.22	67.31	6.53	0.67	0.010	0.000	0.010
1322	13.22	13.23	0.01	13.23	67.27	6.39	0.67	0.011	0.000	0.011
1323	13.23	13.24	0.01	13.24	67.23	6.58	0.67	0.010	0.000	0.010
1324	13.24	13.25	0.01	13.25	67.19	6.57	0.67	0.010	0.000	0.010
1325	13.25	13.26	0.01	13.26	67.15	6.29	0.67	0.011	0.000	0.011
1326	13.26	13.27	0.01	13.27	67.12	5.80	0.67	0.012	0.000	0.012
1327	13.27	13.28	0.01	13.28	67.08	5.37	0.67	0.012	0.000	0.012
1328	13.28	13.29	0.01	13.29	67.04	5.03	0.67	0.013	0.000	0.013
1329	13.29	13.30	0.01	13.30	67.00	4.90	0.67	0.014	0.000	0.014
1330	13.30	13.31	0.01	13.31	66.96	4.98	0.67	0.013	0.000	0.013
1331	13.31	13.32	0.01	13.32	66.92	5.14	0.67	0.013	0.000	0.013
1332	13.32	13.33	0.01	13.33	66.88	5.28	0.67	0.013	0.000	0.013
1333	13.33	13.34	0.01	13.34	66.85	5.88	0.67	0.011	0.000	0.011
1334	13.34	13.35	0.01	13.35	66.81	6.89	0.67	0.010	0.000	0.010

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1335	13.35	13.36	0.01	13.36	66.77	8.58	0.67	0.008	0.000	0.008
1336	13.36	13.37	0.01	13.37	66.73	11.35	0.67	0.006	0.000	0.006
1337	13.37	13.38	0.01	13.38	66.69	14.66	0.67	0.005	0.000	0.005
1338	13.38	13.39	0.01	13.39	66.65	18.23	0.67	0.004	0.000	0.004
1339	13.39	13.40	0.01	13.40	66.62	20.68	0.67	0.003	0.000	0.003
1340	13.40	13.41	0.01	13.41	66.58	22.03	0.67	0.003	0.000	0.003
1341	13.41	13.42	0.01	13.42	66.54	21.74	0.67	0.003	0.000	0.003
1342	13.42	13.43	0.01	13.43	66.50	18.67	0.67	0.004	0.000	0.004
1343	13.43	13.44	0.01	13.44	66.46	15.13	0.66	0.004	0.000	0.004
1344	13.44	13.45	0.01	13.45	66.42	8.29	0.66	0.008	0.000	0.008
1345	13.45	13.46	0.01	13.46	66.39	7.68	0.66	0.009	0.000	0.009
1346	13.46	13.47	0.01	13.47	66.35	7.48	0.66	0.009	0.000	0.009
1347	13.47	13.48	0.01	13.48	66.31	11.30	0.66	0.006	0.000	0.006
1348	13.48	13.49	0.01	13.49	66.27	10.55	0.66	0.006	0.000	0.006
1349	13.49	13.50	0.01	13.50	66.23	9.88	0.66	0.007	0.000	0.007
1350	13.50	13.51	0.01	13.51	66.20	8.90	0.66	0.007	0.000	0.007
1351	13.51	13.52	0.01	13.52	66.16	7.57	0.66	0.009	0.000	0.009
1352	13.52	13.53	0.01	13.53	66.12	6.09	0.66	0.011	0.000	0.011
1353	13.53	13.54	0.01	13.54	66.08	4.65	0.66	0.014	0.000	0.014
1354	13.54	13.55	0.01	13.55	66.04	3.90	0.66	0.017	0.000	0.017
1355	13.55	13.56	0.01	13.56	66.00	3.55	0.66	0.019	0.000	0.019
1356	13.56	13.57	0.01	13.57	65.97	3.48	0.66	0.019	0.000	0.019
1357	13.57	13.58	0.01	13.58	65.93	3.25	0.66	0.020	0.000	0.020
1358	13.58	13.59	0.01	13.59	65.89	3.01	0.66	0.022	0.000	0.022
1359	13.59	13.60	0.01	13.60	65.85	2.84	0.66	0.023	0.000	0.023
1360	13.60	13.61	0.01	13.61	65.81	3.01	0.66	0.022	0.000	0.022
1361	13.61	13.62	0.01	13.62	65.78	3.29	0.66	0.020	0.000	0.020
1362	13.62	13.63	0.01	13.63	65.74	3.61	0.66	0.018	0.000	0.018
1363	13.63	13.64	0.01	13.64	65.70	3.93	0.66	0.017	0.000	0.017
1364	13.64	13.65	0.01	13.65	65.66	4.26	0.66	0.015	0.000	0.015
1365	13.65	13.66	0.01	13.66	65.62	4.58	0.66	0.014	0.000	0.014
1366	13.66	13.67	0.01	13.67	65.59	4.77	0.66	0.014	0.000	0.014
1367	13.67	13.68	0.01	13.68	65.55	4.77	0.66	0.014	0.000	0.014
1368	13.68	13.69	0.01	13.69	65.51	4.56	0.66	0.014	0.000	0.014
1369	13.69	13.70	0.01	13.70	65.47	4.10	0.65	0.016	0.000	0.016
1370	13.70	13.71	0.01	13.71	65.43	3.70	0.65	0.018	0.000	0.018
1371	13.71	13.72	0.01	13.72	65.40	3.46	0.65	0.019	0.000	0.019
1372	13.72	13.73	0.01	13.73	65.36	3.46	0.65	0.019	0.000	0.019
1373	13.73	13.74	0.01	13.74	65.32	3.52	0.65	0.019	0.000	0.019
1374	13.74	13.75	0.01	13.75	65.28	3.58	0.65	0.018	0.000	0.018
1375	13.75	13.76	0.01	13.76	65.24	3.63	0.65	0.018	0.000	0.018
1376	13.76	13.77	0.01	13.77	65.21	3.73	0.65	0.017	0.000	0.017
1377	13.77	13.78	0.01	13.78	65.17	3.94	0.65	0.017	0.000	0.017
1378	13.78	13.79	0.01	13.79	65.13	4.19	0.65	0.016	0.000	0.016
1379	13.79	13.80	0.01	13.80	65.09	4.30	0.65	0.015	0.000	0.015
1380	13.80	13.81	0.01	13.81	65.06	4.16	0.65	0.016	0.000	0.016

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1381	13.81	13.82	0.01	13.82	65.02	3.87	0.65	0.017	0.000	0.017
1382	13.82	13.83	0.01	13.83	64.98	3.55	0.65	0.018	0.000	0.018
1383	13.83	13.84	0.01	13.84	64.94	3.26	0.65	0.020	0.000	0.020
1384	13.84	13.85	0.01	13.85	64.90	3.12	0.65	0.021	0.000	0.021
1385	13.85	13.86	0.01	13.86	64.87	3.13	0.65	0.021	0.000	0.021
1386	13.86	13.87	0.01	13.87	64.83	3.33	0.65	0.019	0.000	0.019
1387	13.87	13.88	0.01	13.88	64.79	3.44	0.65	0.019	0.000	0.019
1388	13.88	13.89	0.01	13.89	64.75	3.49	0.65	0.019	0.000	0.019
1389	13.89	13.90	0.01	13.90	64.72	3.44	0.65	0.019	0.000	0.019
1390	13.90	13.91	0.01	13.91	64.68	3.26	0.65	0.020	0.000	0.020
1391	13.91	13.92	0.01	13.92	64.64	3.04	0.65	0.021	0.000	0.021
1392	13.92	13.93	0.01	13.93	64.60	2.90	0.65	0.022	0.000	0.022
1393	13.93	13.94	0.01	13.94	64.57	2.89	0.65	0.022	0.000	0.022
1394	13.94	13.95	0.01	13.95	64.53	2.94	0.65	0.022	0.000	0.022
1395	13.95	13.96	0.01	13.96	64.49	3.17	0.64	0.020	0.000	0.020
1396	13.96	13.97	0.01	13.97	64.45	3.57	0.64	0.018	0.000	0.018
1397	13.97	13.98	0.01	13.98	64.42	4.23	0.64	0.015	0.000	0.015
1398	13.98	13.99	0.01	13.99	64.38	5.68	0.64	0.011	0.000	0.011
1399	13.99	14.00	0.01	14.00	64.34	7.94	0.64	0.008	0.000	0.008
1400	14.00	14.01	0.01	14.01	64.30	10.92	0.64	0.006	0.000	0.006
1401	14.01	14.02	0.01	14.02	64.27	13.67	0.64	0.005	0.000	0.005
1402	14.02	14.03	0.01	14.03	64.23	15.45	0.64	0.004	0.000	0.004
1403	14.03	14.04	0.01	14.04	64.19	15.86	0.64	0.004	0.000	0.004
1404	14.04	14.05	0.01	14.05	64.15	14.57	0.64	0.004	0.000	0.004
1405	14.05	14.06	0.01	14.06	64.12	13.47	0.64	0.005	0.000	0.005
1406	14.06	14.07	0.01	14.07	64.08	13.00	0.64	0.005	0.000	0.005
1407	14.07	14.08	0.01	14.08	64.04	14.09	0.64	0.005	0.000	0.005
1408	14.08	14.09	0.01	14.09	64.00	15.76	0.64	0.004	0.000	0.004
1409	14.09	14.10	0.01	14.10	63.97	17.68	0.64	0.004	0.000	0.004
1410	14.10	14.11	0.01	14.11	63.93	18.20	0.64	0.004	0.000	0.004
1411	14.11	14.12	0.01	14.12	63.89	17.75	0.64	0.004	0.000	0.004
1412	14.12	14.13	0.01	14.13	63.85	16.61	0.64	0.004	0.000	0.004
1413	14.13	14.14	0.01	14.14	63.82	15.28	0.64	0.004	0.000	0.004
1414	14.14	14.15	0.01	14.15	63.78	14.03	0.64	0.005	0.000	0.005
1415	14.15	14.16	0.01	14.16	63.74	12.87	0.64	0.005	0.000	0.005
1416	14.16	14.17	0.01	14.17	63.70	12.19	0.64	0.005	0.000	0.005
1417	14.17	14.18	0.01	14.18	63.67	11.75	0.64	0.005	0.000	0.005
1418	14.18	14.19	0.01	14.19	63.63	11.48	0.64	0.006	0.000	0.006
1419	14.19	14.20	0.01	14.20	63.59	11.14	0.64	0.006	0.000	0.006
1420	14.20	14.21	0.01	14.21	63.56	10.76	0.64	0.006	0.000	0.006
1421	14.21	14.22	0.01	14.22	63.52	10.28	0.64	0.006	0.000	0.006
1422	14.22	14.23	0.01	14.23	63.48	9.54	0.63	0.007	0.000	0.007
1423	14.23	14.24	0.01	14.24	63.44	8.79	0.63	0.007	0.000	0.007
1424	14.24	14.25	0.01	14.25	63.41	8.15	0.63	0.008	0.000	0.008
1425	14.25	14.26	0.01	14.26	63.37	7.75	0.63	0.008	0.000	0.008
1426	14.26	14.27	0.01	14.27	63.33	7.48	0.63	0.008	0.000	0.008

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1427	14.27	14.28	0.01	14.28	63.29	7.27	0.63	0.009	0.000	0.009
1428	14.28	14.29	0.01	14.29	63.26	7.23	0.63	0.009	0.000	0.009
1429	14.29	14.30	0.01	14.30	63.22	7.28	0.63	0.009	0.000	0.009
1430	14.30	14.31	0.01	14.31	63.18	7.59	0.63	0.008	0.000	0.008
1431	14.31	14.32	0.01	14.32	63.15	8.00	0.63	0.008	0.000	0.008
1432	14.32	14.33	0.01	14.33	63.11	8.44	0.63	0.007	0.000	0.007
1433	14.33	14.34	0.01	14.34	63.07	8.71	0.63	0.007	0.000	0.007
1434	14.34	14.35	0.01	14.35	63.04	8.97	0.63	0.007	0.000	0.007
1435	14.35	14.36	0.01	14.36	63.00	9.27	0.63	0.007	0.000	0.007
1436	14.36	14.37	0.01	14.37	62.96	9.44	0.63	0.007	0.000	0.007
1437	14.37	14.38	0.01	14.38	62.92	9.09	0.63	0.007	0.000	0.007
1438	14.38	14.39	0.01	14.39	62.89	8.44	0.63	0.007	0.000	0.007
1439	14.39	14.40	0.01	14.40	62.85	7.57	0.63	0.008	0.000	0.008
1440	14.40	14.41	0.01	14.41	62.81	6.83	0.63	0.009	0.000	0.009
1441	14.41	14.42	0.01	14.42	62.78	6.09	0.63	0.010	0.000	0.010
1442	14.42	14.43	0.01	14.43	62.74	5.34	0.63	0.012	0.000	0.012
1443	14.43	14.44	0.01	14.44	62.70	4.73	0.63	0.013	0.000	0.013
1444	14.44	14.45	0.01	14.45	62.67	3.18	0.63	0.020	0.000	0.020
1445	14.45	14.46	0.01	14.46	62.63	3.53	0.63	0.018	0.000	0.018
1446	14.46	14.47	0.01	14.47	62.59	3.86	0.63	0.016	0.000	0.016
1447	14.47	14.48	0.01	14.48	62.56	5.22	0.63	0.012	0.000	0.012
1448	14.48	14.49	0.01	14.49	62.52	4.70	0.63	0.013	0.000	0.013
1449	14.49	14.50	0.01	14.50	62.48	4.29	0.62	0.015	0.000	0.015
1450	14.50	14.51	0.01	14.51	62.44	4.10	0.62	0.015	0.000	0.015
1451	14.51	14.52	0.01	14.52	62.41	3.99	0.62	0.016	0.000	0.016
1452	14.52	14.53	0.01	14.53	62.37	3.92	0.62	0.016	0.000	0.016
1453	14.53	14.54	0.01	14.54	62.33	3.96	0.62	0.016	0.000	0.016
1454	14.54	14.55	0.01	14.55	62.30	4.02	0.62	0.016	0.000	0.016
1455	14.55	14.56	0.01	14.56	62.26	4.13	0.62	0.015	0.000	0.015
1456	14.56	14.57	0.01	14.57	62.22	4.34	0.62	0.014	0.000	0.014
1457	14.57	14.58	0.01	14.58	62.19	4.59	0.62	0.014	0.000	0.014
1458	14.58	14.59	0.01	14.59	62.15	4.89	0.62	0.013	0.000	0.013
1459	14.59	14.60	0.01	14.60	62.11	5.19	0.62	0.012	0.000	0.012
1460	14.60	14.61	0.01	14.61	62.08	5.43	0.62	0.011	0.000	0.011
1461	14.61	14.62	0.01	14.62	62.04	5.53	0.62	0.011	0.000	0.011
1462	14.62	14.63	0.01	14.63	62.00	5.34	0.62	0.012	0.000	0.012
1463	14.63	14.64	0.01	14.64	61.97	4.91	0.62	0.013	0.000	0.013
1464	14.64	14.65	0.01	14.65	61.93	4.35	0.62	0.014	0.000	0.014
1465	14.65	14.66	0.01	14.66	61.89	3.69	0.62	0.017	0.000	0.017
1466	14.66	14.67	0.01	14.67	61.86	3.18	0.62	0.019	0.000	0.019
1467	14.67	14.68	0.01	14.68	61.82	2.82	0.62	0.022	0.000	0.022
1468	14.68	14.69	0.01	14.69	61.79	2.63	0.62	0.023	0.000	0.023
1469	14.69	14.70	0.01	14.70	61.75	2.53	0.62	0.024	0.000	0.024
1470	14.70	14.71	0.01	14.71	61.71	2.51	0.62	0.025	0.000	0.025
1471	14.71	14.72	0.01	14.72	61.68	2.72	0.62	0.023	0.000	0.023
1472	14.72	14.73	0.01	14.73	61.64	3.04	0.62	0.020	0.000	0.020

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1473	14.73	14.74	0.01	14.74	61.60	3.56	0.62	0.017	0.000	0.017
1474	14.74	14.75	0.01	14.75	61.57	4.01	0.62	0.015	0.000	0.015
1475	14.75	14.76	0.01	14.76	61.53	4.41	0.62	0.014	0.000	0.014
1476	14.76	14.77	0.01	14.77	61.49	4.66	0.61	0.013	0.000	0.013
1477	14.77	14.78	0.01	14.78	61.46	4.88	0.61	0.013	0.000	0.013
1478	14.78	14.79	0.01	14.79	61.42	5.13	0.61	0.012	0.000	0.012
1479	14.79	14.80	0.01	14.80	61.38	5.52	0.61	0.011	0.000	0.011
1480	14.80	14.81	0.01	14.81	61.35	6.07	0.61	0.010	0.000	0.010
1481	14.81	14.82	0.01	14.82	61.31	6.72	0.61	0.009	0.000	0.009
1482	14.82	14.83	0.01	14.83	61.28	7.61	0.61	0.008	0.000	0.008
1483	14.83	14.84	0.01	14.84	61.24	8.65	0.61	0.007	0.000	0.007
1484	14.84	14.85	0.01	14.85	61.20	10.35	0.61	0.006	0.000	0.006
1485	14.85	14.86	0.01	14.86	61.17	13.82	0.61	0.004	0.000	0.004
1486	14.86	14.87	0.01	14.87	61.13	18.28	0.61	0.003	0.000	0.003
1487	14.87	14.88	0.01	14.88	61.09	22.88	0.61	0.003	0.000	0.003
1488	14.88	14.89	0.01	14.89	61.06	24.97	0.61	0.002	0.000	0.002
1489	14.89	14.90	0.01	14.90	61.02	25.12	0.61	0.002	0.000	0.002
1490	14.90	14.91	0.01	14.91	60.99	23.68	0.61	0.003	0.000	0.003
1491	14.91	14.92	0.01	14.92	60.95	20.85	0.61	0.003	0.000	0.003
1492	14.92	14.93	0.01	14.93	60.91	18.23	0.61	0.003	0.000	0.003
1493	14.93	14.94	0.01	14.94	60.88	16.00	0.61	0.004	0.000	0.004
1494	14.94	14.95	0.01	14.95	60.84	14.47	0.61	0.004	0.000	0.004
1495	14.95	14.96	0.01	14.96	60.81	13.42	0.61	0.005	0.000	0.005
1496	14.96	14.97	0.01	14.97	60.77	12.75	0.61	0.005	0.000	0.005
1497	14.97	14.98	0.01	14.98	60.73	12.20	0.61	0.005	0.000	0.005
1498	14.98	14.99	0.01	14.99	60.70	11.59	0.61	0.005	0.000	0.005
1499	14.99	15.00	0.01	15.00	60.66	11.00	0.61	0.006	0.000	0.006
1500	15.00	15.01	0.01	15.01	60.63	10.68	0.61	0.006	0.000	0.006
1501	15.01	15.02	0.01	15.02	60.59	10.45	0.61	0.006	0.000	0.006
1502	15.02	15.03	0.01	15.03	60.55	10.21	0.61	0.006	0.000	0.006
1503	15.03	15.04	0.01	15.04	60.52	10.06	0.61	0.006	0.000	0.006
1504	15.04	15.05	0.01	15.05	60.48	10.07	0.60	0.006	0.000	0.006
1505	15.05	15.06	0.01	15.06	60.45	10.33	0.60	0.006	0.000	0.006
1506	15.06	15.07	0.01	15.07	60.41	10.67	0.60	0.006	0.000	0.006
1507	15.07	15.08	0.01	15.08	60.37	10.91	0.60	0.006	0.000	0.006
1508	15.08	15.09	0.01	15.09	60.34	11.00	0.60	0.005	0.000	0.005
1509	15.09	15.10	0.01	15.10	60.30	11.07	0.60	0.005	0.000	0.005
1510	15.10	15.11	0.01	15.11	60.27	11.18	0.60	0.005	0.000	0.005
1511	15.11	15.12	0.01	15.12	60.23	11.32	0.60	0.005	0.000	0.005
1512	15.12	15.13	0.01	15.13	60.19	11.52	0.60	0.005	0.000	0.005
1513	15.13	15.14	0.01	15.14	60.16	11.75	0.60	0.005	0.000	0.005
1514	15.14	15.15	0.01	15.15	60.12	12.08	0.60	0.005	0.000	0.005
1515	15.15	15.16	0.01	15.16	60.09	12.53	0.60	0.005	0.000	0.005
1516	15.16	15.17	0.01	15.17	60.05	12.96	0.60	0.005	0.000	0.005
1517	15.17	15.18	0.01	15.18	60.02	13.53	0.60	0.004	0.000	0.004
1518	15.18	15.19	0.01	15.19	59.98	13.80	0.60	0.004	0.000	0.004

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1519	15.19	15.20	0.01	15.20	59.94	13.80	0.60	0.004	0.000	0.004
1520	15.20	15.21	0.01	15.21	59.91	13.10	0.60	0.005	0.000	0.005
1521	15.21	15.22	0.01	15.22	59.87	12.28	0.60	0.005	0.000	0.005
1522	15.22	15.23	0.01	15.23	59.84	11.43	0.60	0.005	0.000	0.005
1523	15.23	15.24	0.01	15.24	59.80	10.62	0.60	0.006	0.000	0.006
1524	15.24	15.25	0.01	15.25	59.77	9.77	0.60	0.006	0.000	0.006
1525	15.25	15.26	0.01	15.26	59.73	8.97	0.60	0.007	0.000	0.007
1526	15.26	15.27	0.01	15.27	59.70	8.20	0.60	0.007	0.000	0.007
1527	15.27	15.28	0.01	15.28	59.66	7.44	0.60	0.008	0.000	0.008
1528	15.28	15.29	0.01	15.29	59.62	6.66	0.60	0.009	0.000	0.009
1529	15.29	15.30	0.01	15.30	59.59	5.92	0.60	0.010	0.000	0.010
1530	15.30	15.31	0.01	15.31	59.55	5.28	0.60	0.011	0.000	0.011
1531	15.31	15.32	0.01	15.32	59.52	4.84	0.60	0.012	0.000	0.012
1532	15.32	15.33	0.01	15.33	59.48	4.73	0.59	0.013	0.000	0.013
1533	15.33	15.34	0.01	15.34	59.45	5.04	0.59	0.012	0.000	0.012
1534	15.34	15.35	0.01	15.35	59.41	6.69	0.59	0.009	0.000	0.009
1535	15.35	15.36	0.01	15.36	59.38	9.30	0.59	0.006	0.000	0.006
1536	15.36	15.37	0.01	15.37	59.34	12.36	0.59	0.005	0.000	0.005
1537	15.37	15.38	0.01	15.38	59.31	14.04	0.59	0.004	0.000	0.004
1538	15.38	15.39	0.01	15.39	59.27	14.44	0.59	0.004	0.000	0.004
1539	15.39	15.40	0.01	15.40	59.24	13.80	0.59	0.004	0.000	0.004
1540	15.40	15.41	0.01	15.41	59.20	12.37	0.59	0.005	0.000	0.005
1541	15.41	15.42	0.01	15.42	59.16	10.77	0.59	0.005	0.000	0.005
1542	15.42	15.43	0.01	15.43	59.13	9.45	0.59	0.006	0.000	0.006
1543	15.43	15.44	0.01	15.44	59.09	8.62	0.59	0.007	0.000	0.007
1544	15.44	15.45	0.01	15.45	59.06	8.24	0.59	0.007	0.000	0.007
1545	15.45	15.46	0.01	15.46	59.02	8.32	0.59	0.007	0.000	0.007
1546	15.46	15.47	0.01	15.47	58.99	8.32	0.59	0.007	0.000	0.007
1547	15.47	15.48	0.01	15.48	58.95	8.28	0.59	0.007	0.000	0.007
1548	15.48	15.49	0.01	15.49	58.92	7.92	0.59	0.007	0.000	0.007
1549	15.49	15.50	0.01	15.50	58.88	7.53	0.59	0.008	0.000	0.008
1550	15.50	15.51	0.01	15.51	58.85	7.15	0.59	0.008	0.000	0.008
1551	15.51	15.52	0.01	15.52	58.81	6.85	0.59	0.009	0.000	0.009
1552	15.52	15.53	0.01	15.53	58.78	6.78	0.59	0.009	0.000	0.009
1553	15.53	15.54	0.01	15.54	58.74	6.80	0.59	0.009	0.000	0.009
1554	15.54	15.55	0.01	15.55	58.71	6.84	0.59	0.009	0.000	0.009
1555	15.55	15.56	0.01	15.56	58.67	6.82	0.59	0.009	0.000	0.009
1556	15.56	15.57	0.01	15.57	58.64	6.96	0.59	0.008	0.000	0.008
1557	15.57	15.58	0.01	15.58	58.60	7.25	0.59	0.008	0.000	0.008
1558	15.58	15.59	0.01	15.59	58.57	7.83	0.59	0.007	0.000	0.007
1559	15.59	15.60	0.01	15.60	58.53	8.15	0.59	0.007	0.000	0.007
1560	15.60	15.61	0.01	15.61	58.50	7.94	0.58	0.007	0.000	0.007
1561	15.61	15.62	0.01	15.62	58.46	6.73	0.58	0.009	0.000	0.009
1562	15.62	15.63	0.01	15.63	58.43	5.33	0.58	0.011	0.000	0.011
1563	15.63	15.64	0.01	15.64	58.39	4.10	0.58	0.014	0.000	0.014
1564	15.64	15.65	0.01	15.65	58.36	3.19	0.58	0.018	0.000	0.018

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1565	15.65	15.66	0.01	15.66	58.32	2.59	0.58	0.023	0.000	0.023
1566	15.66	15.67	0.01	15.67	58.29	2.23	0.58	0.026	0.000	0.026
1567	15.67	15.68	0.01	15.68	58.25	2.09	0.58	0.028	0.000	0.028
1568	15.68	15.69	0.01	15.69	58.22	1.98	0.58	0.029	0.000	0.029
1569	15.69	15.70	0.01	15.70	58.18	1.85	0.58	0.031	0.000	0.031
1570	15.70	15.71	0.01	15.71	58.15	1.83	0.58	0.032	0.000	0.032
1571	15.71	15.72	0.01	15.72	58.11	1.92	0.58	0.030	0.000	0.030
1572	15.72	15.73	0.01	15.73	58.08	2.15	0.58	0.027	0.000	0.027
1573	15.73	15.74	0.01	15.74	58.04	2.46	0.58	0.024	0.000	0.024
1574	15.74	15.75	0.01	15.75	58.01	2.72	0.58	0.021	0.000	0.021
1575	15.75	15.76	0.01	15.76	57.97	2.93	0.58	0.020	0.000	0.020
1576	15.76	15.77	0.01	15.77	57.94	3.14	0.58	0.018	0.000	0.018
1577	15.77	15.78	0.01	15.78	57.91	3.30	0.58	0.018	0.000	0.018
1578	15.78	15.79	0.01	15.79	57.87	3.39	0.58	0.017	0.000	0.017
1579	15.79	15.80	0.01	15.80	57.84	3.35	0.58	0.017	0.000	0.017
1580	15.80	15.81	0.01	15.81	57.80	3.31	0.58	0.017	0.000	0.017
1581	15.81	15.82	0.01	15.82	57.77	3.21	0.58	0.018	0.000	0.018
1582	15.82	15.83	0.01	15.83	57.73	2.95	0.58	0.020	0.000	0.020
1583	15.83	15.84	0.01	15.84	57.70	2.68	0.58	0.022	0.000	0.022
1584	15.84	15.85	0.01	15.85	57.66	2.45	0.58	0.024	0.000	0.024
1585	15.85	15.86	0.01	15.86	57.63	2.23	0.58	0.026	0.000	0.026
1586	15.86	15.87	0.01	15.87	57.59	2.06	0.58	0.028	0.000	0.028
1587	15.87	15.88	0.01	15.88	57.56	1.91	0.58	0.030	0.000	0.030
1588	15.88	15.89	0.01	15.89	57.53	1.84	0.58	0.031	0.000	0.031
1589	15.89	15.90	0.01	15.90	57.49	1.80	0.57	0.032	0.000	0.032
1590	15.90	15.91	0.01	15.91	57.46	1.79	0.57	0.032	0.000	0.032
1591	15.91	15.92	0.01	15.92	57.42	1.86	0.57	0.031	0.000	0.031
1592	15.92	15.93	0.01	15.93	57.39	1.93	0.57	0.030	0.000	0.030
1593	15.93	15.94	0.01	15.94	57.35	2.01	0.57	0.029	0.000	0.029
1594	15.94	15.95	0.01	15.95	57.32	2.04	0.57	0.028	0.000	0.028
1595	15.95	15.96	0.01	15.96	57.28	2.06	0.57	0.028	0.000	0.028
1596	15.96	15.97	0.01	15.97	57.25	2.09	0.57	0.027	0.000	0.027
1597	15.97	15.98	0.01	15.98	57.22	2.20	0.57	0.026	0.000	0.026
1598	15.98	15.99	0.01	15.99	57.18	2.36	0.57	0.024	0.000	0.024
1599	15.99	16.00	0.01	16.00	57.15	2.59	0.57	0.022	0.000	0.022
1600	16.00	16.01	0.01	16.01	57.11	2.88	0.57	0.020	0.000	0.020
1601	16.01	16.02	0.01	16.02	57.08	3.17	0.57	0.018	0.000	0.018
1602	16.02	16.03	0.01	16.03	57.04	3.38	0.57	0.017	0.000	0.017
1603	16.03	16.04	0.01	16.04	57.01	3.51	0.57	0.016	0.000	0.016
1604	16.04	16.05	0.01	16.05	56.98	3.66	0.57	0.016	0.000	0.016
1605	16.05	16.06	0.01	16.06	56.94	3.92	0.57	0.015	0.000	0.015
1606	16.06	16.07	0.01	16.07	56.91	4.16	0.57	0.014	0.000	0.014
1607	16.07	16.08	0.01	16.08	56.87	4.37	0.57	0.013	0.000	0.013
1608	16.08	16.09	0.01	16.09	56.84	4.49	0.57	0.013	0.000	0.013
1609	16.09	16.10	0.01	16.10	56.81	4.55	0.57	0.012	0.000	0.012
1610	16.10	16.11	0.01	16.11	56.77	4.48	0.57	0.013	0.000	0.013

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1611	16.11	16.12	0.01	16.12	56.74	4.30	0.57	0.013	0.000	0.013
1612	16.12	16.13	0.01	16.13	56.70	3.88	0.57	0.015	0.000	0.015
1613	16.13	16.14	0.01	16.14	56.67	3.46	0.57	0.016	0.000	0.016
1614	16.14	16.15	0.01	16.15	56.64	3.07	0.57	0.018	0.000	0.018
1615	16.15	16.16	0.01	16.16	56.60	2.77	0.57	0.020	0.000	0.020
1616	16.16	16.17	0.01	16.17	56.57	2.57	0.57	0.022	0.000	0.022
1617	16.17	16.18	0.01	16.18	56.53	2.50	0.57	0.023	0.000	0.023
1618	16.18	16.19	0.01	16.19	56.50	2.73	0.56	0.021	0.000	0.021
1619	16.19	16.20	0.01	16.20	56.47	3.02	0.56	0.019	0.000	0.019
1620	16.20	16.21	0.01	16.21	56.43	3.33	0.56	0.017	0.000	0.017
1621	16.21	16.22	0.01	16.22	56.40	3.44	0.56	0.016	0.000	0.016
1622	16.22	16.23	0.01	16.23	56.36	3.49	0.56	0.016	0.000	0.016
1623	16.23	16.24	0.01	16.24	56.33	3.53	0.56	0.016	0.000	0.016
1624	16.24	16.25	0.01	16.25	56.30	3.68	0.56	0.015	0.000	0.015
1625	16.25	16.26	0.01	16.26	56.26	3.93	0.56	0.014	0.000	0.014
1626	16.26	16.27	0.01	16.27	56.23	4.22	0.56	0.013	0.000	0.013
1627	16.27	16.28	0.01	16.28	56.20	4.37	0.56	0.013	0.000	0.013
1628	16.28	16.29	0.01	16.29	56.16	4.39	0.56	0.013	0.000	0.013
1629	16.29	16.30	0.01	16.30	56.13	4.13	0.56	0.014	0.000	0.014
1630	16.30	16.31	0.01	16.31	56.09	3.79	0.56	0.015	0.000	0.015
1631	16.31	16.32	0.01	16.32	56.06	3.38	0.56	0.017	0.000	0.017
1632	16.32	16.33	0.01	16.33	56.03	3.04	0.56	0.018	0.000	0.018
1633	16.33	16.34	0.01	16.34	55.99	2.72	0.56	0.021	0.000	0.021
1634	16.34	16.35	0.01	16.35	55.96	2.50	0.56	0.022	0.000	0.022
1635	16.35	16.36	0.01	16.36	55.93	2.42	0.56	0.023	0.000	0.023
1636	16.36	16.37	0.01	16.37	55.89	2.52	0.56	0.022	0.000	0.022
1637	16.37	16.38	0.01	16.38	55.86	2.76	0.56	0.020	0.000	0.020
1638	16.38	16.39	0.01	16.39	55.83	3.07	0.56	0.018	0.000	0.018
1639	16.39	16.40	0.01	16.40	55.79	3.24	0.56	0.017	0.000	0.017
1640	16.40	16.41	0.01	16.41	55.76	3.25	0.56	0.017	0.000	0.017
1641	16.41	16.42	0.01	16.42	55.72	3.15	0.56	0.018	0.000	0.018
1642	16.42	16.43	0.01	16.43	55.69	2.95	0.56	0.019	0.000	0.019
1643	16.43	16.44	0.01	16.44	55.66	2.97	0.56	0.019	0.000	0.019
1644	16.44	16.45	0.01	16.45	55.62	3.11	0.56	0.018	0.000	0.018
1645	16.45	16.46	0.01	16.46	55.59	3.24	0.56	0.017	0.000	0.017
1646	16.46	16.47	0.01	16.47	55.56	3.18	0.56	0.017	0.000	0.017
1647	16.47	16.48	0.01	16.48	55.52	3.01	0.56	0.018	0.000	0.018
1648	16.48	16.49	0.01	16.49	55.49	2.86	0.55	0.019	0.000	0.019
1649	16.49	16.50	0.01	16.50	55.46	2.76	0.55	0.020	0.000	0.020
1650	16.50	16.51	0.01	16.51	55.42	2.69	0.55	0.021	0.000	0.021
1651	16.51	16.52	0.01	16.52	55.39	2.67	0.55	0.021	0.000	0.021
1652	16.52	16.53	0.01	16.53	55.36	2.61	0.55	0.021	0.000	0.021
1653	16.53	16.54	0.01	16.54	55.32	2.42	0.55	0.023	0.000	0.023
1654	16.54	16.55	0.01	16.55	55.29	2.20	0.55	0.025	0.000	0.025
1655	16.55	16.56	0.01	16.56	55.26	2.01	0.55	0.028	0.000	0.028
1656	16.56	16.57	0.01	16.57	55.22	1.89	0.55	0.029	0.000	0.029

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1657	16.57	16.58	0.01	16.58	55.19	1.79	0.55	0.031	0.000	0.031
1658	16.58	16.59	0.01	16.59	55.16	1.69	0.55	0.033	0.000	0.033
1659	16.59	16.60	0.01	16.60	55.12	1.66	0.55	0.033	0.000	0.033
1660	16.60	16.61	0.01	16.61	55.09	1.66	0.55	0.033	0.000	0.033
1661	16.61	16.62	0.01	16.62	55.06	1.66	0.55	0.033	0.000	0.033
1662	16.62	16.63	0.01	16.63	55.03	1.63	0.55	0.034	0.000	0.034
1663	16.63	16.64	0.01	16.64	54.99	1.57	0.55	0.035	0.000	0.035
1664	16.64	16.65	0.01	16.65	54.96	1.51	0.55	0.036	0.000	0.036
1665	16.65	16.66	0.01	16.66	54.93	1.46	0.55	0.038	0.000	0.038
1666	16.66	16.67	0.01	16.67	54.89	1.39	0.55	0.039	0.000	0.039
1667	16.67	16.68	0.01	16.68	54.86	1.38	0.55	0.040	0.000	0.040
1668	16.68	16.69	0.01	16.69	54.83	1.42	0.55	0.039	0.000	0.039
1669	16.69	16.70	0.01	16.70	54.79	1.54	0.55	0.036	0.000	0.036
1670	16.70	16.71	0.01	16.71	54.76	1.71	0.55	0.032	0.000	0.032
1671	16.71	16.72	0.01	16.72	54.73	1.92	0.55	0.028	0.000	0.028
1672	16.72	16.73	0.01	16.73	54.70	2.10	0.55	0.026	0.000	0.026
1673	16.73	16.74	0.01	16.74	54.66	2.22	0.55	0.025	0.000	0.025
1674	16.74	16.75	0.01	16.75	54.63	2.29	0.55	0.024	0.000	0.024
1675	16.75	16.76	0.01	16.76	54.60	2.32	0.55	0.024	0.000	0.024
1676	16.76	16.77	0.01	16.77	54.56	2.30	0.55	0.024	0.000	0.024
1677	16.77	16.78	0.01	16.78	54.53	2.20	0.55	0.025	0.000	0.025
1678	16.78	16.79	0.01	16.79	54.50	2.10	0.54	0.026	0.000	0.026
1679	16.79	16.80	0.01	16.80	54.47	1.98	0.54	0.028	0.000	0.028
1680	16.80	16.81	0.01	16.81	54.43	1.88	0.54	0.029	0.000	0.029
1681	16.81	16.82	0.01	16.82	54.40	1.82	0.54	0.030	0.000	0.030
1682	16.82	16.83	0.01	16.83	54.37	1.84	0.54	0.029	0.000	0.029
1683	16.83	16.84	0.01	16.84	54.33	1.99	0.54	0.027	0.000	0.027
1684	16.84	16.85	0.01	16.85	54.30	2.14	0.54	0.025	0.000	0.025
1685	16.85	16.86	0.01	16.86	54.27	2.26	0.54	0.024	0.000	0.024
1686	16.86	16.87	0.01	16.87	54.24	2.27	0.54	0.024	0.000	0.024
1687	16.87	16.88	0.01	16.88	54.20	2.24	0.54	0.024	0.000	0.024
1688	16.88	16.89	0.01	16.89	54.17	2.22	0.54	0.024	0.000	0.024
1689	16.89	16.90	0.01	16.90	54.14	2.25	0.54	0.024	0.000	0.024
1690	16.90	16.91	0.01	16.91	54.11	2.40	0.54	0.023	0.000	0.023
1691	16.91	16.92	0.01	16.92	54.07	2.59	0.54	0.021	0.000	0.021
1692	16.92	16.93	0.01	16.93	54.04	2.73	0.54	0.020	0.000	0.020
1693	16.93	16.94	0.01	16.94	54.01	2.74	0.54	0.020	0.000	0.020
1694	16.94	16.95	0.01	16.95	53.98	2.65	0.54	0.020	0.000	0.020
1695	16.95	16.96	0.01	16.96	53.94	2.52	0.54	0.021	0.000	0.021
1696	16.96	16.97	0.01	16.97	53.91	2.43	0.54	0.022	0.000	0.022
1697	16.97	16.98	0.01	16.98	53.88	2.36	0.54	0.023	0.000	0.023
1698	16.98	16.99	0.01	16.99	53.85	2.21	0.54	0.024	0.000	0.024
1699	16.99	17.00	0.01	17.00	53.81	2.07	0.54	0.026	0.000	0.026
1700	17.00	17.01	0.01	17.01	53.78	1.94	0.54	0.028	0.000	0.028
1701	17.01	17.02	0.01	17.02	53.75	1.87	0.54	0.029	0.000	0.029
1702	17.02	17.03	0.01	17.03	53.72	1.77	0.54	0.030	0.000	0.030

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1703	17.03	17.04	0.01	17.04	53.68	1.61	0.54	0.033	0.000	0.033
1704	17.04	17.05	0.01	17.05	53.65	1.49	0.54	0.036	0.000	0.036
1705	17.05	17.06	0.01	17.06	53.62	1.41	0.54	0.038	0.000	0.038
1706	17.06	17.07	0.01	17.07	53.59	1.44	0.54	0.037	0.000	0.037
1707	17.07	17.08	0.01	17.08	53.55	1.49	0.54	0.036	0.000	0.036
1708	17.08	17.09	0.01	17.09	53.52	1.54	0.54	0.035	0.000	0.035
1709	17.09	17.10	0.01	17.10	53.49	1.54	0.53	0.035	0.000	0.035
1710	17.10	17.11	0.01	17.11	53.46	1.53	0.53	0.035	0.000	0.035
1711	17.11	17.12	0.01	17.12	53.43	1.54	0.53	0.035	0.000	0.035
1712	17.12	17.13	0.01	17.13	53.39	1.56	0.53	0.034	0.000	0.034
1713	17.13	17.14	0.01	17.14	53.36	1.52	0.53	0.035	0.000	0.035
1714	17.14	17.15	0.01	17.15	53.33	1.45	0.53	0.037	0.000	0.037
1715	17.15	17.16	0.01	17.16	53.30	1.35	0.53	0.039	0.000	0.039
1716	17.16	17.17	0.01	17.17	53.26	1.30	0.53	0.041	0.000	0.041
1717	17.17	17.18	0.01	17.18	53.23	1.23	0.53	0.043	0.000	0.043
1718	17.18	17.19	0.01	17.19	53.20	1.15	0.53	0.046	0.000	0.046
1719	17.19	17.20	0.01	17.20	53.17	1.08	0.53	0.049	0.000	0.049
1720	17.20	17.21	0.01	17.21	53.14	1.02	0.53	0.052	0.000	0.052
1721	17.21	17.22	0.01	17.22	53.10	1.02	0.53	0.052	0.000	0.052
1722	17.22	17.23	0.01	17.23	53.07	1.06	0.53	0.050	0.000	0.050
1723	17.23	17.24	0.01	17.24	53.04	1.10	0.53	0.048	0.000	0.048
1724	17.24	17.25	0.01	17.25	53.01	1.11	0.53	0.048	0.000	0.048
1725	17.25	17.26	0.01	17.26	52.98	1.10	0.53	0.048	0.000	0.048
1726	17.26	17.27	0.01	17.27	52.94	1.09	0.53	0.049	0.000	0.049
1727	17.27	17.28	0.01	17.28	52.91	1.06	0.53	0.050	0.000	0.050
1728	17.28	17.29	0.01	17.29	52.88	1.04	0.53	0.051	0.000	0.051
1729	17.29	17.30	0.01	17.30	52.85	1.00	0.53	0.053	0.000	0.053
1730	17.30	17.31	0.01	17.31	52.82	0.98	0.53	0.054	0.000	0.054
1731	17.31	17.32	0.01	17.32	52.79	0.99	0.53	0.053	0.000	0.053
1732	17.32	17.33	0.01	17.33	52.75	1.00	0.53	0.053	0.000	0.053
1733	17.33	17.34	0.01	17.34	52.72	1.03	0.53	0.051	0.000	0.051
1734	17.34	17.35	0.01	17.35	52.69	1.07	0.53	0.049	0.000	0.049
1735	17.35	17.36	0.01	17.36	52.66	1.10	0.53	0.048	0.000	0.048
1736	17.36	17.37	0.01	17.37	52.63	1.10	0.53	0.048	0.000	0.048
1737	17.37	17.38	0.01	17.38	52.59	1.06	0.53	0.049	0.000	0.049
1738	17.38	17.39	0.01	17.39	52.56	0.99	0.53	0.053	0.000	0.053
1739	17.39	17.40	0.01	17.40	52.53	0.91	0.53	0.058	0.000	0.058
1740	17.40	17.41	0.01	17.41	52.50	0.85	0.52	0.062	0.000	0.062
1741	17.41	17.42	0.01	17.42	52.47	0.80	0.52	0.065	0.000	0.065
1742	17.42	17.43	0.01	17.43	52.44	0.77	0.52	0.068	0.000	0.068
1743	17.43	17.44	0.01	17.44	52.41	0.64	0.52	0.082	0.000	0.082
1744	17.44	17.45	0.01	17.45	52.37	0.64	0.52	0.082	0.000	0.082
1745	17.45	17.46	0.01	17.46	52.34	0.64	0.52	0.082	0.000	0.082
1746	17.46	17.47	0.01	17.47	52.31	0.94	0.52	0.056	0.000	0.056
1747	17.47	17.48	0.01	17.48	52.28	0.96	0.52	0.055	0.000	0.055
1748	17.48	17.49	0.01	17.49	52.25	1.07	0.52	0.049	0.000	0.049

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1749	17.49	17.50	0.01	17.50	52.22	1.29	0.52	0.040	0.000	0.040
1750	17.50	17.51	0.01	17.51	52.18	1.56	0.52	0.034	0.000	0.034
1751	17.51	17.52	0.01	17.52	52.15	1.70	0.52	0.031	0.000	0.031
1752	17.52	17.53	0.01	17.53	52.12	1.70	0.52	0.031	0.000	0.031
1753	17.53	17.54	0.01	17.54	52.09	1.60	0.52	0.033	0.000	0.033
1754	17.54	17.55	0.01	17.55	52.06	1.46	0.52	0.036	0.000	0.036
1755	17.55	17.56	0.01	17.56	52.03	1.27	0.52	0.041	0.000	0.041
1756	17.56	17.57	0.01	17.57	52.00	1.08	0.52	0.048	0.000	0.048
1757	17.57	17.58	0.01	17.58	51.96	0.92	0.52	0.057	0.000	0.057
1758	17.58	17.59	0.01	17.59	51.93	0.83	0.52	0.063	0.000	0.063
1759	17.59	17.60	0.01	17.60	51.90	0.76	0.52	0.068	0.000	0.068
1760	17.60	17.61	0.01	17.61	51.87	0.72	0.52	0.072	0.000	0.072
1761	17.61	17.62	0.01	17.62	51.84	0.71	0.52	0.073	0.000	0.073
1762	17.62	17.63	0.01	17.63	51.81	0.74	0.52	0.070	0.000	0.070
1763	17.63	17.64	0.01	17.64	51.78	0.87	0.52	0.059	0.000	0.059
1764	17.64	17.65	0.01	17.65	51.75	1.03	0.52	0.050	0.000	0.050
1765	17.65	17.66	0.01	17.66	51.71	1.19	0.52	0.043	0.000	0.043
1766	17.66	17.67	0.01	17.67	51.68	1.22	0.52	0.042	0.000	0.042
1767	17.67	17.68	0.01	17.68	51.65	1.19	0.52	0.044	0.000	0.044
1768	17.68	17.69	0.01	17.69	51.62	1.05	0.52	0.049	0.000	0.049
1769	17.69	17.70	0.01	17.70	51.59	0.91	0.52	0.057	0.000	0.057
1770	17.70	17.71	0.01	17.71	51.56	0.80	0.52	0.065	0.000	0.065
1771	17.71	17.72	0.01	17.72	51.53	0.77	0.52	0.067	0.000	0.067
1772	17.72	17.73	0.01	17.73	51.50	0.77	0.51	0.067	0.000	0.067
1773	17.73	17.74	0.01	17.74	51.47	0.81	0.51	0.063	0.000	0.063
1774	17.74	17.75	0.01	17.75	51.44	0.85	0.51	0.061	0.000	0.061
1775	17.75	17.76	0.01	17.76	51.40	0.86	0.51	0.060	0.000	0.060
1776	17.76	17.77	0.01	17.77	51.37	0.74	0.51	0.070	0.000	0.070
1777	17.77	17.78	0.01	17.78	51.34	0.65	0.51	0.079	0.000	0.079
1778	17.78	17.79	0.01	17.79	51.31	0.65	0.51	0.079	0.000	0.079
1779	17.79	17.80	0.01	17.80	51.28	0.65	0.51	0.078	0.000	0.078
1780	17.80	17.81	0.01	17.81	51.25	0.65	0.51	0.078	0.000	0.078
1781	17.81	17.82	0.01	17.82	51.22	0.65	0.51	0.078	0.000	0.078
1782	17.82	17.83	0.01	17.83	51.19	0.66	0.51	0.078	0.000	0.078
1783	17.83	17.84	0.01	17.84	51.16	0.66	0.51	0.078	0.000	0.078
1784	17.84	17.85	0.01	17.85	51.13	0.66	0.51	0.078	0.000	0.078
1785	17.85	17.86	0.01	17.86	51.10	0.66	0.51	0.078	0.000	0.078
1786	17.86	17.87	0.01	17.87	51.06	0.66	0.51	0.078	0.000	0.078
1787	17.87	17.88	0.01	17.88	51.03	0.66	0.51	0.078	0.000	0.078
1788	17.88	17.89	0.01	17.89	51.00	0.66	0.51	0.078	0.000	0.078
1789	17.89	17.90	0.01	17.90	50.97	0.66	0.51	0.078	0.000	0.078
1790	17.90	17.91	0.01	17.91	50.94	0.66	0.51	0.077	0.000	0.077
1791	17.91	17.92	0.01	17.92	50.91	0.66	0.51	0.077	0.000	0.077
1792	17.92	17.93	0.01	17.93	50.88	0.66	0.51	0.077	0.000	0.077
1793	17.93	17.94	0.01	17.94	50.85	0.66	0.51	0.077	0.000	0.077
1794	17.94	17.95	0.01	17.95	50.82	0.66	0.51	0.077	0.000	0.077

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1795	17.95	17.96	0.01	17.96	50.79	0.66	0.51	0.077	0.000	0.077
1796	17.96	17.97	0.01	17.97	50.76	0.66	0.51	0.077	0.000	0.077
1797	17.97	17.98	0.01	17.98	50.73	0.73	0.51	0.070	0.000	0.070
1798	17.98	17.99	0.01	17.99	50.70	0.94	0.51	0.054	0.000	0.054
1799	17.99	18.00	0.01	18.00	50.67	1.21	0.51	0.042	0.000	0.042
1800	18.00	18.01	0.01	18.01	50.64	1.43	0.51	0.035	0.000	0.035
1801	18.01	18.02	0.01	18.02	50.61	1.60	0.51	0.032	0.000	0.032
1802	18.02	18.03	0.01	18.03	50.57	1.67	0.51	0.030	0.000	0.030
1803	18.03	18.04	0.01	18.04	50.54	1.64	0.51	0.031	0.000	0.031
1804	18.04	18.05	0.01	18.05	50.51	1.57	0.51	0.032	0.000	0.032
1805	18.05	18.06	0.01	18.06	50.48	1.54	0.50	0.033	0.000	0.033
1806	18.06	18.07	0.01	18.07	50.45	1.53	0.50	0.033	0.000	0.033
1807	18.07	18.08	0.01	18.08	50.42	1.49	0.50	0.034	0.000	0.034
1808	18.08	18.09	0.01	18.09	50.39	1.40	0.50	0.036	0.000	0.036
1809	18.09	18.10	0.01	18.10	50.36	1.35	0.50	0.037	0.000	0.037
1810	18.10	18.11	0.01	18.11	50.33	1.39	0.50	0.036	0.000	0.036
1811	18.11	18.12	0.01	18.12	50.30	1.56	0.50	0.032	0.000	0.032
1812	18.12	18.13	0.01	18.13	50.27	1.82	0.50	0.028	0.000	0.028
1813	18.13	18.14	0.01	18.14	50.24	2.34	0.50	0.022	0.000	0.022
1814	18.14	18.15	0.01	18.15	50.21	3.00	0.50	0.017	0.000	0.017
1815	18.15	18.16	0.01	18.16	50.18	3.80	0.50	0.013	0.000	0.013
1816	18.16	18.17	0.01	18.17	50.15	4.43	0.50	0.011	0.000	0.011
1817	18.17	18.18	0.01	18.18	50.12	5.07	0.50	0.010	0.000	0.010
1818	18.18	18.19	0.01	18.19	50.09	5.49	0.50	0.009	0.000	0.009
1819	18.19	18.20	0.01	18.20	50.06	5.77	0.50	0.009	0.000	0.009
1820	18.20	18.21	0.01	18.21	50.03	5.85	0.50	0.009	0.000	0.009
1821	18.21	18.22	0.01	18.22	50.00	5.86	0.50	0.009	0.000	0.009
1822	18.22	18.23	0.01	18.23	49.97	5.17	0.50	0.010	0.000	0.010
1823	18.23	18.24	0.01	18.24	49.94	4.25	0.50	0.012	0.000	0.012
1824	18.24	18.25	0.01	18.25	49.91	3.20	0.50	0.016	0.000	0.016
1825	18.25	18.26	0.01	18.26	49.88	2.51	0.50	0.020	0.000	0.020
1826	18.26	18.27	0.01	18.27	49.85	1.79	0.50	0.028	0.000	0.028
1827	18.27	18.28	0.01	18.28	49.82	1.31	0.50	0.038	0.000	0.038
1828	18.28	18.29	0.01	18.29	49.79	1.06	0.50	0.047	0.000	0.047
1829	18.29	18.30	0.01	18.30	49.76	1.20	0.50	0.041	0.000	0.041
1830	18.30	18.31	0.01	18.31	49.73	1.87	0.50	0.027	0.000	0.027
1831	18.31	18.32	0.01	18.32	49.70	2.68	0.50	0.019	0.000	0.019
1832	18.32	18.33	0.01	18.33	49.67	3.30	0.50	0.015	0.000	0.015
1833	18.33	18.34	0.01	18.34	49.64	3.36	0.50	0.015	0.000	0.015
1834	18.34	18.35	0.01	18.35	49.61	3.46	0.50	0.014	0.000	0.014
1835	18.35	18.36	0.01	18.36	49.58	3.63	0.50	0.014	0.000	0.014
1836	18.36	18.37	0.01	18.37	49.55	3.81	0.50	0.013	0.000	0.013
1837	18.37	18.38	0.01	18.38	49.52	3.95	0.50	0.013	0.000	0.013
1838	18.38	18.39	0.01	18.39	49.49	4.27	0.49	0.012	0.000	0.012
1839	18.39	18.40	0.01	18.40	49.46	4.69	0.49	0.011	0.000	0.011
1840	18.40	18.41	0.01	18.41	49.43	5.32	0.49	0.009	0.000	0.009

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1841	18.41	18.42	0.01	18.42	49.40	5.91	0.49	0.008	0.000	0.008
1842	18.42	18.43	0.01	18.43	49.37	6.31	0.49	0.008	0.000	0.008
1843	18.43	18.44	0.01	18.44	49.34	8.10	0.49	0.006	0.000	0.006
1844	18.44	18.45	0.01	18.45	49.31	9.04	0.49	0.005	0.000	0.005
1845	18.45	18.46	0.01	18.46	49.28	9.84	0.49	0.005	0.000	0.005
1846	18.46	18.47	0.01	18.47	49.25	8.45	0.49	0.006	0.000	0.006
1847	18.47	18.48	0.01	18.48	49.22	7.28	0.49	0.007	0.000	0.007
1848	18.48	18.49	0.01	18.49	49.19	6.10	0.49	0.008	0.000	0.008
1849	18.49	18.50	0.01	18.50	49.16	5.12	0.49	0.010	0.000	0.010
1850	18.50	18.51	0.01	18.51	49.13	4.68	0.49	0.011	0.000	0.011
1851	18.51	18.52	0.01	18.52	49.10	4.49	0.49	0.011	0.000	0.011
1852	18.52	18.53	0.01	18.53	49.08	4.52	0.49	0.011	0.000	0.011
1853	18.53	18.54	0.01	18.54	49.05	4.67	0.49	0.010	0.000	0.010
1854	18.54	18.55	0.01	18.55	49.02	4.89	0.49	0.010	0.000	0.010
1855	18.55	18.56	0.01	18.56	48.99	5.20	0.49	0.009	0.000	0.009
1856	18.56	18.57	0.01	18.57	48.96	5.56	0.49	0.009	0.000	0.009
1857	18.57	18.58	0.01	18.58	48.93	5.83	0.49	0.008	0.000	0.008
1858	18.58	18.59	0.01	18.59	48.90	6.06	0.49	0.008	0.000	0.008
1859	18.59	18.60	0.01	18.60	48.87	6.17	0.49	0.008	0.000	0.008
1860	18.60	18.61	0.01	18.61	48.84	6.33	0.49	0.008	0.000	0.008
1861	18.61	18.62	0.01	18.62	48.81	6.34	0.49	0.008	0.000	0.008
1862	18.62	18.63	0.01	18.63	48.78	6.15	0.49	0.008	0.000	0.008
1863	18.63	18.64	0.01	18.64	48.75	5.74	0.49	0.008	0.000	0.008
1864	18.64	18.65	0.01	18.65	48.72	5.14	0.49	0.009	0.000	0.009
1865	18.65	18.66	0.01	18.66	48.69	4.61	0.49	0.011	0.000	0.011
1866	18.66	18.67	0.01	18.67	48.66	4.16	0.49	0.012	0.000	0.012
1867	18.67	18.68	0.01	18.68	48.63	3.89	0.49	0.013	0.000	0.013
1868	18.68	18.69	0.01	18.69	48.61	3.55	0.49	0.014	0.000	0.014
1869	18.69	18.70	0.01	18.70	48.58	3.21	0.49	0.015	0.000	0.015
1870	18.70	18.71	0.01	18.71	48.55	2.91	0.49	0.017	0.000	0.017
1871	18.71	18.72	0.01	18.72	48.52	2.71	0.49	0.018	0.000	0.018
1872	18.72	18.73	0.01	18.73	48.49	2.56	0.48	0.019	0.000	0.019
1873	18.73	18.74	0.01	18.74	48.46	2.45	0.48	0.020	0.000	0.020
1874	18.74	18.75	0.01	18.75	48.43	2.34	0.48	0.021	0.000	0.021
1875	18.75	18.76	0.01	18.76	48.40	2.26	0.48	0.021	0.000	0.021
1876	18.76	18.77	0.01	18.77	48.37	2.05	0.48	0.024	0.000	0.024
1877	18.77	18.78	0.01	18.78	48.34	1.80	0.48	0.027	0.000	0.027
1878	18.78	18.79	0.01	18.79	48.31	1.51	0.48	0.032	0.000	0.032
1879	18.79	18.80	0.01	18.80	48.28	1.31	0.48	0.037	0.000	0.037
1880	18.80	18.81	0.01	18.81	48.26	1.16	0.48	0.042	0.000	0.042
1881	18.81	18.82	0.01	18.82	48.23	1.02	0.48	0.047	0.000	0.047
1882	18.82	18.83	0.01	18.83	48.20	0.91	0.48	0.053	0.000	0.053
1883	18.83	18.84	0.01	18.84	48.17	0.81	0.48	0.060	0.000	0.060
1884	18.84	18.85	0.01	18.85	48.14	0.73	0.48	0.066	0.000	0.066
1885	18.85	18.86	0.01	18.86	48.11	0.69	0.48	0.069	0.000	0.069
1886	18.86	18.87	0.01	18.87	48.08	0.69	0.48	0.069	0.000	0.069

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1887	18.87	18.88	0.01	18.88	48.05	0.69	0.48	0.069	0.000	0.069
1888	18.88	18.89	0.01	18.89	48.02	0.69	0.48	0.069	0.000	0.069
1889	18.89	18.90	0.01	18.90	48.00	0.69	0.48	0.069	0.000	0.069
1890	18.90	18.91	0.01	18.91	47.97	0.69	0.48	0.069	0.000	0.069
1891	18.91	18.92	0.01	18.92	47.94	0.70	0.48	0.069	0.000	0.069
1892	18.92	18.93	0.01	18.93	47.91	0.70	0.48	0.069	0.000	0.069
1893	18.93	18.94	0.01	18.94	47.88	0.70	0.48	0.069	0.000	0.069
1894	18.94	18.95	0.01	18.95	47.85	0.70	0.48	0.069	0.000	0.069
1895	18.95	18.96	0.01	18.96	47.82	0.70	0.48	0.069	0.000	0.069
1896	18.96	18.97	0.01	18.97	47.79	0.70	0.48	0.069	0.000	0.069
1897	18.97	18.98	0.01	18.98	47.77	0.73	0.48	0.065	0.000	0.065
1898	18.98	18.99	0.01	18.99	47.74	0.81	0.48	0.059	0.000	0.059
1899	18.99	19.00	0.01	19.00	47.71	0.92	0.48	0.052	0.000	0.052
1900	19.00	19.01	0.01	19.01	47.68	1.03	0.48	0.046	0.000	0.046
1901	19.01	19.02	0.01	19.02	47.65	1.21	0.48	0.040	0.000	0.040
1902	19.02	19.03	0.01	19.03	47.62	1.40	0.48	0.034	0.000	0.034
1903	19.03	19.04	0.01	19.04	47.59	1.62	0.48	0.029	0.000	0.029
1904	19.04	19.05	0.01	19.05	47.57	1.84	0.48	0.026	0.000	0.026
1905	19.05	19.06	0.01	19.06	47.54	2.15	0.48	0.022	0.000	0.022
1906	19.06	19.07	0.01	19.07	47.51	2.79	0.48	0.017	0.000	0.017
1907	19.07	19.08	0.01	19.08	47.48	3.65	0.47	0.013	0.000	0.013
1908	19.08	19.09	0.01	19.09	47.45	4.79	0.47	0.010	0.000	0.010
1909	19.09	19.10	0.01	19.10	47.42	5.93	0.47	0.008	0.000	0.008
1910	19.10	19.11	0.01	19.11	47.39	7.53	0.47	0.006	0.000	0.006
1911	19.11	19.12	0.01	19.12	47.37	8.99	0.47	0.005	0.000	0.005
1912	19.12	19.13	0.01	19.13	47.34	10.06	0.47	0.005	0.000	0.005
1913	19.13	19.14	0.01	19.14	47.31	10.03	0.47	0.005	0.000	0.005
1914	19.14	19.15	0.01	19.15	47.28	8.63	0.47	0.005	0.000	0.005
1915	19.15	19.16	0.01	19.16	47.25	6.81	0.47	0.007	0.000	0.007
1916	19.16	19.17	0.01	19.17	47.22	5.07	0.47	0.009	0.000	0.009
1917	19.17	19.18	0.01	19.18	47.20	4.11	0.47	0.011	0.000	0.011
1918	19.18	19.19	0.01	19.19	47.17	3.18	0.47	0.015	0.000	0.015
1919	19.19	19.20	0.01	19.20	47.14	2.50	0.47	0.019	0.000	0.019
1920	19.20	19.21	0.01	19.21	47.11	2.00	0.47	0.024	0.000	0.024
1921	19.21	19.22	0.01	19.22	47.08	1.75	0.47	0.027	0.000	0.027
1922	19.22	19.23	0.01	19.23	47.05	1.47	0.47	0.032	0.000	0.032
1923	19.23	19.24	0.01	19.24	47.03	1.22	0.47	0.039	0.000	0.039
1924	19.24	19.25	0.01	19.25	47.00	1.02	0.47	0.046	0.000	0.046
1925	19.25	19.26	0.01	19.26	46.97	0.91	0.47	0.052	0.000	0.052
1926	19.26	19.27	0.01	19.27	46.94	0.81	0.47	0.058	0.000	0.058
1927	19.27	19.28	0.01	19.28	46.91	0.75	0.47	0.063	0.000	0.063
1928	19.28	19.29	0.01	19.29	46.89	0.74	0.47	0.064	0.000	0.064
1929	19.29	19.30	0.01	19.30	46.86	0.80	0.47	0.058	0.000	0.058
1930	19.30	19.31	0.01	19.31	46.83	0.98	0.47	0.048	0.000	0.048
1931	19.31	19.32	0.01	19.32	46.80	1.51	0.47	0.031	0.000	0.031
1932	19.32	19.33	0.01	19.33	46.77	2.34	0.47	0.020	0.000	0.020

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1933	19.33	19.34	0.01	19.34	46.75	3.38	0.47	0.014	0.000	0.014
1934	19.34	19.35	0.01	19.35	46.72	4.04	0.47	0.012	0.000	0.012
1935	19.35	19.36	0.01	19.36	46.69	4.24	0.47	0.011	0.000	0.011
1936	19.36	19.37	0.01	19.37	46.66	3.93	0.47	0.012	0.000	0.012
1937	19.37	19.38	0.01	19.38	46.63	3.27	0.47	0.014	0.000	0.014
1938	19.38	19.39	0.01	19.39	46.61	2.56	0.47	0.018	0.000	0.018
1939	19.39	19.40	0.01	19.40	46.58	1.81	0.47	0.026	0.000	0.026
1940	19.40	19.41	0.01	19.41	46.55	1.24	0.47	0.038	0.000	0.038
1941	19.41	19.42	0.01	19.42	46.52	0.83	0.47	0.056	0.000	0.056
1942	19.42	19.43	0.01	19.43	46.49	0.71	0.46	0.065	0.000	0.065
1943	19.43	19.44	0.01	19.44	46.47	0.71	0.46	0.065	0.000	0.065
1944	19.44	19.45	0.01	19.45	46.44	0.71	0.46	0.065	0.000	0.065
1945	19.45	19.46	0.01	19.46	46.41	0.74	0.46	0.063	0.000	0.063
1946	19.46	19.47	0.01	19.47	46.38	0.72	0.46	0.065	0.000	0.065
1947	19.47	19.48	0.01	19.48	46.35	0.72	0.46	0.065	0.000	0.065
1948	19.48	19.49	0.01	19.49	46.33	0.72	0.46	0.065	0.000	0.065
1949	19.49	19.50	0.01	19.50	46.30	0.72	0.46	0.065	0.000	0.065
1950	19.50	19.51	0.01	19.51	46.27	0.72	0.46	0.065	0.000	0.065
1951	19.51	19.52	0.01	19.52	46.24	0.72	0.46	0.064	0.000	0.064
1952	19.52	19.53	0.01	19.53	46.22	0.72	0.46	0.064	0.000	0.064
1953	19.53	19.54	0.01	19.54	46.19	0.72	0.46	0.064	0.000	0.064
1954	19.54	19.55	0.01	19.55	46.16	0.72	0.46	0.064	0.000	0.064
1955	19.55	19.56	0.01	19.56	46.13	0.72	0.46	0.064	0.000	0.064
1956	19.56	19.57	0.01	19.57	46.11	0.72	0.46	0.064	0.000	0.064
1957	19.57	19.58	0.01	19.58	46.08	0.74	0.46	0.062	0.000	0.062
1958	19.58	19.59	0.01	19.59	46.05	0.78	0.46	0.059	0.000	0.059
1959	19.59	19.60	0.01	19.60	46.02	0.86	0.46	0.053	0.000	0.053
1960	19.60	19.61	0.01	19.61	46.00	0.99	0.46	0.046	0.000	0.046
1961	19.61	19.62	0.01	19.62	45.97	1.11	0.46	0.041	0.000	0.041
1962	19.62	19.63	0.01	19.63	45.94	1.16	0.46	0.039	0.000	0.039
1963	19.63	19.64	0.01	19.64	45.91	1.11	0.46	0.041	0.000	0.041
1964	19.64	19.65	0.01	19.65	45.89	0.99	0.46	0.046	0.000	0.046
1965	19.65	19.66	0.01	19.66	45.86	0.80	0.46	0.057	0.000	0.057
1966	19.66	19.67	0.01	19.67	45.83	0.72	0.46	0.063	0.000	0.063
1967	19.67	19.68	0.01	19.68	45.80	0.72	0.46	0.063	0.000	0.063
1968	19.68	19.69	0.01	19.69	45.78	0.72	0.46	0.063	0.000	0.063
1969	19.69	19.70	0.01	19.70	45.75	0.72	0.46	0.063	0.000	0.063
1970	19.70	19.71	0.01	19.71	45.72	0.72	0.46	0.063	0.000	0.063
1971	19.71	19.72	0.01	19.72	45.69	0.72	0.46	0.063	0.000	0.063
1972	19.72	19.73	0.01	19.73	45.67	0.72	0.46	0.063	0.000	0.063
1973	19.73	19.74	0.01	19.74	45.64	0.73	0.46	0.063	0.000	0.063
1974	19.74	19.75	0.01	19.75	45.61	0.90	0.46	0.051	0.000	0.051
1975	19.75	19.76	0.01	19.76	45.59	1.20	0.46	0.038	0.000	0.038
1976	19.76	19.77	0.01	19.77	45.56	1.19	0.46	0.038	0.000	0.038
1977	19.77	19.78	0.01	19.78	45.53	1.02	0.46	0.045	0.000	0.045
1978	19.78	19.79	0.01	19.79	45.50	0.84	0.46	0.054	0.000	0.054

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1979	19.79	19.80	0.01	19.80	45.48	0.94	0.45	0.049	0.000	0.049
1980	19.80	19.81	0.01	19.81	45.45	1.21	0.45	0.038	0.000	0.038
1981	19.81	19.82	0.01	19.82	45.42	1.68	0.45	0.027	0.000	0.027
1982	19.82	19.83	0.01	19.83	45.39	2.14	0.45	0.021	0.000	0.021
1983	19.83	19.84	0.01	19.84	45.37	2.76	0.45	0.016	0.000	0.016
1984	19.84	19.85	0.01	19.85	45.34	3.41	0.45	0.013	0.000	0.013
1985	19.85	19.86	0.01	19.86	45.31	4.02	0.45	0.011	0.000	0.011
1986	19.86	19.87	0.01	19.87	45.29	4.35	0.45	0.010	0.000	0.010
1987	19.87	19.88	0.01	19.88	45.26	4.77	0.45	0.009	0.000	0.009
1988	19.88	19.89	0.01	19.89	45.23	5.38	0.45	0.008	0.000	0.008
1989	19.89	19.90	0.01	19.90	45.21	6.33	0.45	0.007	0.000	0.007
1990	19.90	19.91	0.01	19.91	45.18	7.48	0.45	0.006	0.000	0.006
1991	19.91	19.92	0.01	19.92	45.15	8.80	0.45	0.005	0.000	0.005
1992	19.92	19.93	0.01	19.93	45.12	10.35	0.45	0.004	0.000	0.004
1993	19.93	19.94	0.01	19.94	45.10	11.56	0.45	0.004	0.000	0.004
1994	19.94	19.95	0.01	19.95	45.07	12.36	0.45	0.004	0.000	0.004
1995	19.95	19.96	0.01	19.96	45.04	12.52	0.45	0.004	0.000	0.004
1996	19.96	19.97	0.01	19.97	45.02	12.44	0.45	0.004	0.000	0.004
1997	19.97	19.98	0.01	19.98	44.99	12.22	0.45	0.004	0.000	0.004
1998	19.98	19.99	0.01	19.99	44.96	11.80	0.45	0.004	0.000	0.004
1999	19.99	20.00	0.01	20.00	44.94	11.20	0.45	0.004	0.000	0.004
2000	20.00	20.01	0.01	20.01	44.91	9.86	0.45	0.005	0.000	0.005
2001	20.01	20.02	0.01	20.02	44.88	8.38	0.45	0.005	0.000	0.005
2002	20.02	20.03	0.01	20.03	44.86	6.98	0.45	0.006	0.000	0.006
2003	20.03	20.04	0.01	20.04	44.83	6.06	0.45	0.007	0.000	0.007
2004	20.04	20.05	0.01	20.05	44.80	5.43	0.45	0.008	0.000	0.008
2005	20.05	20.06	0.01	20.06	44.78	5.03	0.45	0.009	0.000	0.009
2006	20.06	20.07	0.01	20.07	44.75	4.85	0.45	0.009	0.000	0.009
2007	20.07	20.08	0.01	20.08	44.72	4.76	0.45	0.009	0.000	0.009
2008	20.08	20.09	0.01	20.09	44.70	4.77	0.45	0.009	0.000	0.009
2009	20.09	20.10	0.01	20.10	44.67	4.92	0.45	0.009	0.000	0.009
2010	20.10	20.11	0.01	20.11	44.64	5.18	0.45	0.009	0.000	0.009
2011	20.11	20.12	0.01	20.12	44.62	5.71	0.45	0.008	0.000	0.008
2012	20.12	20.13	0.01	20.13	44.59	6.36	0.45	0.007	0.000	0.007
2013	20.13	20.14	0.01	20.14	44.56	7.23	0.45	0.006	0.000	0.006
2014	20.14	20.15	0.01	20.15	44.54	8.08	0.45	0.006	0.000	0.006
2015	20.15	20.16	0.01	20.16	44.51	8.89	0.45	0.005	0.000	0.005
2016	20.16	20.17	0.01	20.17	44.48	10.02	0.44	0.004	0.000	0.004
2017	20.17	20.18	0.01	20.18	44.46	11.30	0.44	0.004	0.000	0.004
2018	20.18	20.19	0.01	20.19	44.43	12.98	0.44	0.003	0.000	0.003
2019	20.19	20.20	0.01	20.20	44.40	14.37	0.44	0.003	0.000	0.003
2020	20.20	20.21	0.01	20.21	44.38	15.06	0.44	0.003	0.000	0.003
2021	20.21	20.22	0.01	20.22	44.35	14.58	0.44	0.003	0.000	0.003
2022	20.22	20.23	0.01	20.23	44.32	13.47	0.44	0.003	0.000	0.003
2023	20.23	20.24	0.01	20.24	44.30	12.69	0.44	0.003	0.000	0.003
2024	20.24	20.25	0.01	20.25	44.27	13.50	0.44	0.003	0.000	0.003

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
2025	20.25	20.26	0.01	20.26	44.25	16.12	0.44	0.003	0.000	0.003
2026	20.26	20.27	0.01	20.27	44.22	20.81	0.44	0.002	0.000	0.002
2027	20.27	20.28	0.01	20.28	44.19	26.98	0.44	0.002	0.000	0.002
2028	20.28	20.29	0.01	20.29	44.17	35.95	0.44	0.001	0.000	0.001
2029	20.29	20.30	0.01	20.30	44.14	40.76	0.44	0.001	0.000	0.001
2030	20.30	20.31	0.01	20.31	44.11	44.95	0.44	0.001	0.000	0.001
2031	20.31	20.32	0.01	20.32	44.09	48.38	0.44	0.001	0.000	0.001
2032	20.32	20.33	0.01	20.33	44.06	54.14	0.44	0.001	0.000	0.001
2033	20.33	20.34	0.01	20.34	44.04	60.89	0.44	0.001	0.000	0.001
2034	20.34	20.35	0.01	20.35	44.01	68.50	0.44	0.001	0.000	0.001
2035	20.35	20.36	0.01	20.36	43.98	77.64	0.44	0.001	0.000	0.001
2036	20.36	20.37	0.01	20.37	43.96	86.49	0.44	0.001	0.000	0.001
2037	20.37	20.38	0.01	20.38	43.93	94.66	0.44	0.000	0.000	0.000
2038	20.38	20.39	0.01	20.39	43.91	99.01	0.44	0.000	0.000	0.000
2039	20.39	20.40	0.01	20.40	43.88	103.23	0.44	0.000	0.000	0.000
2040	20.40	20.41	0.01	20.41	43.85	106.46	0.44	0.000	0.000	0.000
2041	20.41	20.42	0.01	20.42	43.83	108.93	0.44	0.000	0.000	0.000
2042	20.42	20.43	0.01	20.43	43.80	107.68	0.44	0.000	0.000	0.000
2043	20.43	20.44	0.01	20.44	43.77	107.40	0.44	0.000	0.000	0.000
2044	20.44	20.45	0.01	20.45	43.75	108.29	0.44	0.000	0.000	0.000
2045	20.45	20.46	0.01	20.46	43.72	111.94	0.44	0.000	0.000	0.000
2046	20.46	20.47	0.01	20.47	43.70	114.90	0.44	0.000	0.000	0.000
2047	20.47	20.48	0.01	20.48	43.67	117.89	0.44	0.000	0.000	0.000
2048	20.48	20.49	0.01	20.49	43.64	124.37	0.44	0.000	0.000	0.000
2049	20.49	20.50	0.01	20.50	43.62	132.61	0.44	0.000	0.000	0.000
2050	20.50	20.51	0.01	20.51	43.59	142.17	0.44	0.000	0.000	0.000
2051	20.51	20.52	0.01	20.52	43.57	150.18	0.44	0.000	0.000	0.000
2052	20.52	20.53	0.01	20.53	43.54	158.98	0.44	0.000	0.000	0.000
2053	20.53	20.54	0.01	20.54	43.52	167.13	0.44	0.000	0.000	0.000
2054	20.54	20.55	0.01	20.55	43.49	175.51	0.43	0.000	0.000	0.000
2055	20.55	20.56	0.01	20.56	43.46	183.22	0.43	0.000	0.000	0.000
2056	20.56	20.57	0.01	20.57	43.44	192.05	0.43	0.000	0.000	0.000
2057	20.57	20.58	0.01	20.58	43.41	199.40	0.43	0.000	0.000	0.000
2058	20.58	20.59	0.01	20.59	43.39	205.04	0.43	0.000	0.000	0.000
2059	20.59	20.60	0.01	20.60	43.36	205.93	0.43	0.000	0.000	0.000
2060	20.60	20.61	0.01	20.61	43.34	204.68	0.43	0.000	0.000	0.000
2061	20.61	20.62	0.01	20.62	43.31	201.36	0.43	0.000	0.000	0.000
2062	20.62	20.63	0.01	20.63	43.28	199.41	0.43	0.000	0.000	0.000
2063	20.63	20.64	0.01	20.64	43.26	198.67	0.43	0.000	0.000	0.000
2064	20.64	20.65	0.01	20.65	43.23	199.33	0.43	0.000	0.000	0.000
2065	20.65	20.66	0.01	20.66	43.21	200.36	0.43	0.000	0.000	0.000
2066	20.66	20.67	0.01	20.67	43.18	200.34	0.43	0.000	0.000	0.000
2067	20.67	20.68	0.01	20.68	43.16	197.65	0.43	0.000	0.000	0.000
2068	20.68	20.69	0.01	20.69	43.13	193.97	0.43	0.000	0.000	0.000
2069	20.69	20.70	0.01	20.70	43.10	189.54	0.43	0.000	0.000	0.000
2070	20.70	20.71	0.01	20.71	43.08	186.42	0.43	0.000	0.000	0.000

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2071	20.71	20.72	0.01	20.72	43.05	181.60	0.43	0.000	0.000	0.000
2072	20.72	20.73	0.01	20.73	43.03	177.62	0.43	0.000	0.000	0.000
2073	20.73	20.74	0.01	20.74	43.00	173.86	0.43	0.000	0.000	0.000
2074	20.74	20.75	0.01	20.75	42.98	171.27	0.43	0.000	0.000	0.000
2075	20.75	20.76	0.01	20.76	42.95	167.45	0.43	0.000	0.000	0.000
2076	20.76	20.77	0.01	20.77	42.93	162.45	0.43	0.000	0.000	0.000
2077	20.77	20.78	0.01	20.78	42.90	158.11	0.43	0.000	0.000	0.000
2078	20.78	20.79	0.01	20.79	42.88	155.60	0.43	0.000	0.000	0.000
2079	20.79	20.80	0.01	20.80	42.85	155.15	0.43	0.000	0.000	0.000
2080	20.80	20.81	0.01	20.81	42.82	153.86	0.43	0.000	0.000	0.000
2081	20.81	20.82	0.01	20.82	42.80	150.38	0.43	0.000	0.000	0.000
2082	20.82	20.83	0.01	20.83	42.77	145.77	0.43	0.000	0.000	0.000
2083	20.83	20.84	0.01	20.84	42.75	141.65	0.43	0.000	0.000	0.000
2084	20.84	20.85	0.01	20.85	42.72	139.13	0.43	0.000	0.000	0.000
2085	20.85	20.86	0.01	20.86	42.70	137.45	0.43	0.000	0.000	0.000
2086	20.86	20.87	0.01	20.87	42.67	136.03	0.43	0.000	0.000	0.000
2087	20.87	20.88	0.01	20.88	42.65	133.89	0.43	0.000	0.000	0.000
2088	20.88	20.89	0.01	20.89	42.62	131.91	0.43	0.000	0.000	0.000
2089	20.89	20.90	0.01	20.90	42.60	130.83	0.43	0.000	0.000	0.000
2090	20.90	20.91	0.01	20.91	42.57	132.40	0.43	0.000	0.000	0.000
2091	20.91	20.92	0.01	20.92	42.55	135.91	0.43	0.000	0.000	0.000
2092	20.92	20.93	0.01	20.93	42.52	140.37	0.43	0.000	0.000	0.000
2093	20.93	20.94	0.01	20.94	42.50	144.31	0.42	0.000	0.000	0.000
2094	20.94	20.95	0.01	20.95	42.47	147.22	0.42	0.000	0.000	0.000
2095	20.95	20.96	0.01	20.96	42.45	148.73	0.42	0.000	0.000	0.000
2096	20.96	20.97	0.01	20.97	42.42	149.35	0.42	0.000	0.000	0.000
2097	20.97	20.98	0.01	20.98	42.40	148.89	0.42	0.000	0.000	0.000
2098	20.98	20.99	0.01	20.99	42.37	148.95	0.42	0.000	0.000	0.000
2099	20.99	21.00	0.01	21.00	42.35	149.67	0.42	0.000	0.000	0.000
2100	21.00	21.01	0.01	21.01	42.32	150.88	0.42	0.000	0.000	0.000
2101	21.01	21.02	0.01	21.02	42.30	152.73	0.42	0.000	0.000	0.000
2102	21.02	21.03	0.01	21.03	42.27	154.73	0.42	0.000	0.000	0.000
2103	21.03	21.04	0.01	21.04	42.25	158.45	0.42	0.000	0.000	0.000
2104	21.04	21.05	0.01	21.05	42.22	162.93	0.42	0.000	0.000	0.000
2105	21.05	21.06	0.01	21.06	42.20	167.74	0.42	0.000	0.000	0.000
2106	21.06	21.07	0.01	21.07	42.17	170.91	0.42	0.000	0.000	0.000
2107	21.07	21.08	0.01	21.08	42.15	169.50	0.42	0.000	0.000	0.000
2108	21.08	21.09	0.01	21.09	42.12	165.59	0.42	0.000	0.000	0.000
2109	21.09	21.10	0.01	21.10	42.10	160.44	0.42	0.000	0.000	0.000
2110	21.10	21.11	0.01	21.11	42.07	156.76	0.42	0.000	0.000	0.000
2111	21.11	21.12	0.01	21.12	42.05	151.17	0.42	0.000	0.000	0.000
2112	21.12	21.13	0.01	21.13	42.02	145.69	0.42	0.000	0.000	0.000
2113	21.13	21.14	0.01	21.14	42.00	140.34	0.42	0.000	0.000	0.000
2114	21.14	21.15	0.01	21.15	41.97	136.94	0.42	0.000	0.000	0.000
2115	21.15	21.16	0.01	21.16	41.95	130.94	0.42	0.000	0.000	0.000
2116	21.16	21.17	0.01	21.17	41.92	124.44	0.42	0.000	0.000	0.000

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2117	21.17	21.18	0.01	21.18	41.90	117.60	0.42	0.000	0.000	0.000
2118	21.18	21.19	0.01	21.19	41.87	112.78	0.42	0.000	0.000	0.000
2119	21.19	21.20	0.01	21.20	41.85	108.90	0.42	0.000	0.000	0.000
2120	21.20	21.21	0.01	21.21	41.82	106.74	0.42	0.000	0.000	0.000
2121	21.21	21.22	0.01	21.22	41.80	106.28	0.42	0.000	0.000	0.000
2122	21.22	21.23	0.01	21.23	41.77	106.03	0.42	0.000	0.000	0.000
2123	21.23	21.24	0.01	21.24	41.75	105.19	0.42	0.000	0.000	0.000
2124	21.24	21.25	0.01	21.25	41.73	104.67	0.42	0.000	0.000	0.000
2125	21.25	21.26	0.01	21.26	41.70	105.81	0.42	0.000	0.000	0.000
2126	21.26	21.27	0.01	21.27	41.68	109.00	0.42	0.000	0.000	0.000
2127	21.27	21.28	0.01	21.28	41.65	113.87	0.42	0.000	0.000	0.000
2128	21.28	21.29	0.01	21.29	41.63	118.02	0.42	0.000	0.000	0.000
2129	21.29	21.30	0.01	21.30	41.60	119.94	0.42	0.000	0.000	0.000
2130	21.30	21.31	0.01	21.31	41.58	117.97	0.42	0.000	0.000	0.000
2131	21.31	21.32	0.01	21.32	41.55	112.06	0.42	0.000	0.000	0.000
2132	21.32	21.33	0.01	21.33	41.53	105.26	0.42	0.000	0.000	0.000
2133	21.33	21.34	0.01	21.34	41.50	99.13	0.42	0.000	0.000	0.000
2134	21.34	21.35	0.01	21.35	41.48	95.76	0.41	0.000	0.000	0.000
2135	21.35	21.36	0.01	21.36	41.46	92.26	0.41	0.000	0.000	0.000
2136	21.36	21.37	0.01	21.37	41.43	89.38	0.41	0.000	0.000	0.000
2137	21.37	21.38	0.01	21.38	41.41	86.38	0.41	0.000	0.000	0.000
2138	21.38	21.39	0.01	21.39	41.38	85.15	0.41	0.000	0.000	0.000
2139	21.39	21.40	0.01	21.40	41.36	84.65	0.41	0.000	0.000	0.000
2140	21.40	21.41	0.01	21.41	41.33	85.45	0.41	0.000	0.000	0.000
2141	21.41	21.42	0.01	21.42	41.31	86.99	0.41	0.000	0.000	0.000
2142	21.42	21.43	0.01	21.43	41.29	90.40	0.41	0.000	0.000	0.000
2143	21.43	21.44	0.01	21.44	41.26	95.27	0.41	0.000	0.000	0.000
2144	21.44	21.45	0.01	21.45	41.24	101.74	0.41	0.000	0.000	0.000
2145	21.45	21.46	0.01	21.46	41.21	106.31	0.41	0.000	0.000	0.000
2146	21.46	21.47	0.01	21.47	41.19	109.23	0.41	0.000	0.000	0.000
2147	21.47	21.48	0.01	21.48	41.16	110.25	0.41	0.000	0.000	0.000
2148	21.48	21.49	0.01	21.49	41.14	112.37	0.41	0.000	0.000	0.000
2149	21.49	21.50	0.01	21.50	41.12	117.05	0.41	0.000	0.000	0.000
2150	21.50	21.51	0.01	21.51	41.09	122.46	0.41	0.000	0.000	0.000
2151	21.51	21.52	0.01	21.52	41.07	127.19	0.41	0.000	0.000	0.000
2152	21.52	21.53	0.01	21.53	41.04	129.67	0.41	0.000	0.000	0.000
2153	21.53	21.54	0.01	21.54	41.02	130.32	0.41	0.000	0.000	0.000
2154	21.54	21.55	0.01	21.55	40.99	128.48	0.41	0.000	0.000	0.000
2155	21.55	21.56	0.01	21.56	40.97	124.41	0.41	0.000	0.000	0.000
2156	21.56	21.57	0.01	21.57	40.95	119.58	0.41	0.000	0.000	0.000
2157	21.57	21.58	0.01	21.58	40.92	114.41	0.41	0.000	0.000	0.000
2158	21.58	21.59	0.01	21.59	40.90	110.69	0.41	0.000	0.000	0.000
2159	21.59	21.60	0.01	21.60	40.87	107.67	0.41	0.000	0.000	0.000
2160	21.60	21.61	0.01	21.61	40.85	105.90	0.41	0.000	0.000	0.000
2161	21.61	21.62	0.01	21.62	40.83	103.87	0.41	0.000	0.000	0.000
2162	21.62	21.63	0.01	21.63	40.80	102.78	0.41	0.000	0.000	0.000

:: Tabular results ::

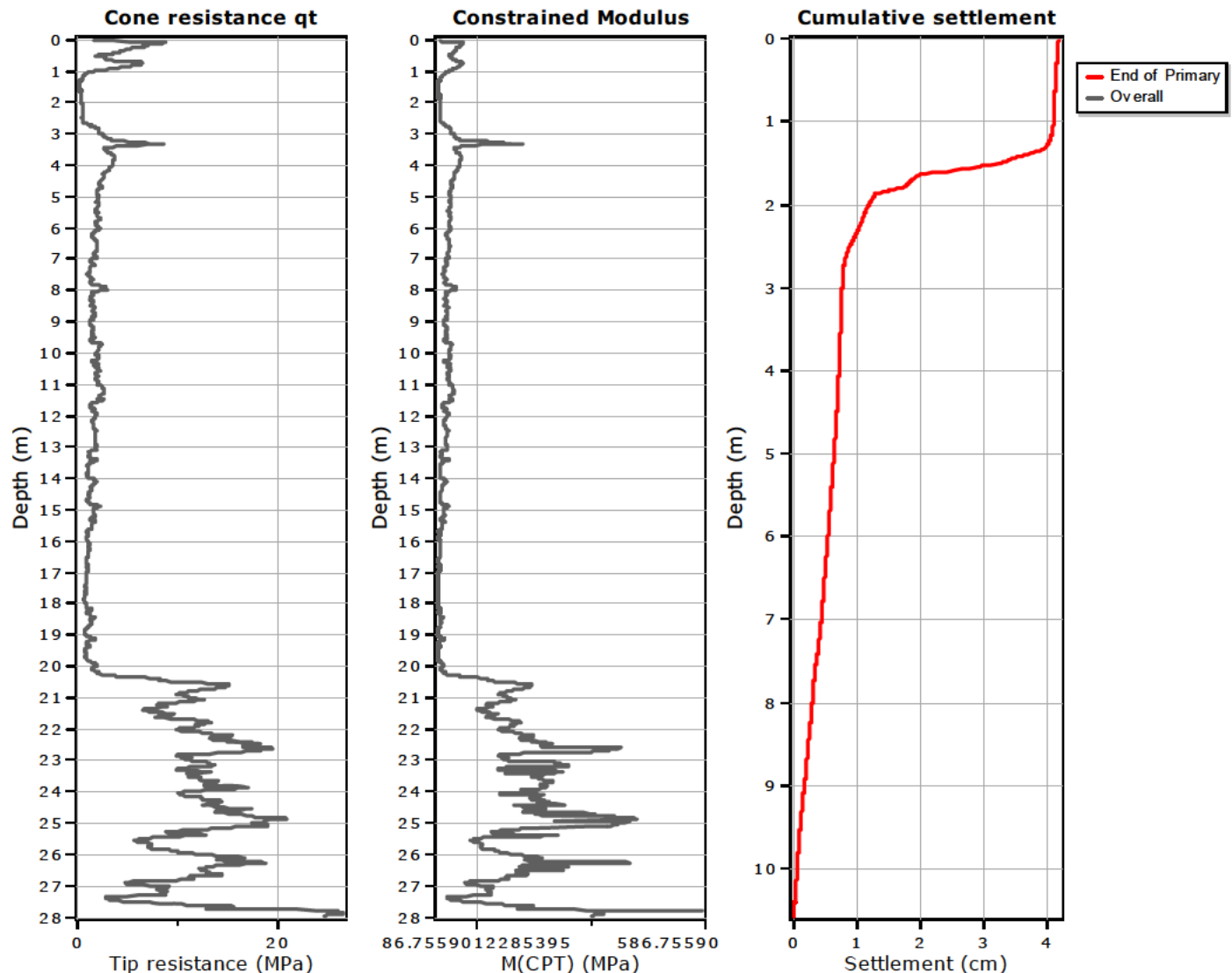
Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	$M_{(CPT)}$ (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
2163	21.63	21.64	0.01	21.64	40.78	103.51	0.41	0.000	0.000	0.000
2164	21.64	21.65	0.01	21.65	40.75	106.01	0.41	0.000	0.000	0.000
2165	21.65	21.66	0.01	21.66	40.73	113.86	0.41	0.000	0.000	0.000
2166	21.66	21.67	0.01	21.67	40.71	123.65	0.41	0.000	0.000	0.000
2167	21.67	21.68	0.01	21.68	40.68	134.96	0.41	0.000	0.000	0.000
2168	21.68	21.69	0.01	21.69	40.66	142.99	0.41	0.000	0.000	0.000
2169	21.69	21.70	0.01	21.70	40.64	150.27	0.41	0.000	0.000	0.000
2170	21.70	21.71	0.01	21.71	40.61	155.94	0.41	0.000	0.000	0.000
2171	21.71	21.72	0.01	21.72	40.59	160.61	0.41	0.000	0.000	0.000
2172	21.72	21.73	0.01	21.73	40.56	164.35	0.41	0.000	0.000	0.000
2173	21.73	21.74	0.01	21.74	40.54	169.97	0.41	0.000	0.000	0.000
2174	21.74	21.75	0.01	21.75	40.52	174.23	0.41	0.000	0.000	0.000
2175	21.75	21.76	0.01	21.76	40.49	176.58	0.40	0.000	0.000	0.000
2176	21.76	21.77	0.01	21.77	40.47	176.24	0.40	0.000	0.000	0.000
2177	21.77	21.78	0.01	21.78	40.45	177.50	0.40	0.000	0.000	0.000
2178	21.78	21.79	0.01	21.79	40.42	179.25	0.40	0.000	0.000	0.000
2179	21.79	21.80	0.01	21.80	40.40	179.81	0.40	0.000	0.000	0.000
2180	21.80	21.81	0.01	21.81	40.37	178.59	0.40	0.000	0.000	0.000
2181	21.81	21.82	0.01	21.82	40.35	176.42	0.40	0.000	0.000	0.000
2182	21.82	21.83	0.01	21.83	40.33	173.94	0.40	0.000	0.000	0.000
2183	21.83	21.84	0.01	21.84	40.30	170.57	0.40	0.000	0.000	0.000
2184	21.84	21.85	0.01	21.85	40.28	167.27	0.40	0.000	0.000	0.000
2185	21.85	21.86	0.01	21.86	40.26	163.67	0.40	0.000	0.000	0.000
2186	21.86	21.87	0.01	21.87	40.23	160.54	0.40	0.000	0.000	0.000
2187	21.87	21.88	0.01	21.88	40.21	158.59	0.40	0.000	0.000	0.000
2188	21.88	21.89	0.01	21.89	40.19	158.81	0.40	0.000	0.000	0.000

Total primary settlement: 35.41**Total secondary settlement: 0.00****Total calculated settlement: 35.41****Abbreviations**

Start depth:	Start depth of soil layer (penetration depth measured from ground free surface)
End depth:	End depth of soil layer (penetration depth measured from ground free surface)
Thickness:	Thickness of soil layer
Relative depth:	Depth of calculation relative to footing
Iz:	Stress influence factor
Delta P:	Footing imposed stress:
Eff. stress:	Effective stress
$M_{(CPT)}$:	Constrained modulus from CPT
Settlement:	Primary settlement
Second. settlement:	Secondary settlements due to creep



Settlements calculation according to theory of elasticity*



Calculation properties

Footing type: Rectangular

Footing width: 25.00 (m)

L/B: 1.0

Footing pressure: 25.00 (kPa)

Embedment depth: 0.00 (m)

Footing is rigid: No

Remove excavation load: No

Apply 20% rule: Yes

Calculate secondary settlements: No

Time period for primary consolidation: N/A

Time period for second. settlements: N/A

* Primary settlements calculation is performed according to the following formula:

$$S = \sum \frac{\Delta \sigma_v}{M_{CPT}} \Delta z$$

* Secondary (creep) settlements calculation is performed according to the following formula:

$$S = C_\alpha \cdot \Delta z \cdot \log(t/t_p)$$

where t_p is the duration of primary consolidation

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1	0.01	0.02	0.01	0.02	25.00	2.29	1.00	0.011	0.000	0.011
2	0.02	0.03	0.01	0.03	25.00	3.05	1.00	0.008	0.000	0.008
3	0.03	0.04	0.01	0.04	25.00	5.08	1.00	0.005	0.000	0.005
4	0.04	0.05	0.01	0.05	25.00	7.60	1.00	0.003	0.000	0.003
5	0.05	0.06	0.01	0.06	25.00	10.24	1.00	0.002	0.000	0.002
6	0.06	0.07	0.01	0.07	25.00	44.05	1.00	0.001	0.000	0.001
7	0.07	0.08	0.01	0.08	25.00	50.73	1.00	0.000	0.000	0.000
8	0.08	0.09	0.01	0.09	25.00	53.97	1.00	0.000	0.000	0.000
9	0.09	0.10	0.01	0.09	25.00	51.72	1.00	0.000	0.000	0.000
10	0.10	0.11	0.01	0.10	25.00	52.69	1.00	0.000	0.000	0.000
11	0.11	0.12	0.01	0.12	25.00	53.55	1.00	0.000	0.000	0.000
12	0.12	0.13	0.01	0.13	25.00	53.29	1.00	0.000	0.000	0.000
13	0.13	0.14	0.01	0.14	25.00	52.37	1.00	0.000	0.000	0.000
14	0.14	0.15	0.01	0.15	25.00	51.86	1.00	0.000	0.000	0.000
15	0.15	0.16	0.01	0.16	25.00	51.66	1.00	0.000	0.000	0.000
16	0.16	0.17	0.01	0.17	25.00	51.20	1.00	0.000	0.000	0.000
17	0.17	0.18	0.01	0.18	25.00	50.57	1.00	0.000	0.000	0.000
18	0.18	0.19	0.01	0.19	25.00	49.92	1.00	0.001	0.000	0.001
19	0.19	0.20	0.01	0.20	25.00	49.24	1.00	0.001	0.000	0.001
20	0.20	0.21	0.01	0.21	25.00	47.74	1.00	0.001	0.000	0.001
21	0.21	0.22	0.01	0.22	25.00	47.21	1.00	0.001	0.000	0.001
22	0.22	0.23	0.01	0.23	25.00	46.45	1.00	0.001	0.000	0.001
23	0.23	0.24	0.01	0.24	25.00	44.97	1.00	0.001	0.000	0.001
24	0.24	0.25	0.01	0.25	25.00	43.51	1.00	0.001	0.000	0.001
25	0.25	0.26	0.01	0.26	25.00	40.91	1.00	0.001	0.000	0.001
26	0.26	0.27	0.01	0.27	25.00	39.60	1.00	0.001	0.000	0.001
27	0.27	0.28	0.01	0.28	25.00	37.27	1.00	0.001	0.000	0.001
28	0.28	0.29	0.01	0.28	25.00	38.40	1.00	0.001	0.000	0.001
29	0.29	0.30	0.01	0.30	25.00	39.26	1.00	0.001	0.000	0.001
30	0.30	0.31	0.01	0.31	25.00	39.53	1.00	0.001	0.000	0.001
31	0.31	0.32	0.01	0.32	25.00	38.75	1.00	0.001	0.000	0.001
32	0.32	0.33	0.01	0.33	25.00	37.78	1.00	0.001	0.000	0.001
33	0.33	0.34	0.01	0.34	25.00	37.16	1.00	0.001	0.000	0.001
34	0.34	0.35	0.01	0.35	25.00	36.66	1.00	0.001	0.000	0.001
35	0.35	0.36	0.01	0.36	25.00	36.39	1.00	0.001	0.000	0.001
36	0.36	0.37	0.01	0.36	25.00	36.45	1.00	0.001	0.000	0.001
37	0.37	0.38	0.01	0.37	25.00	35.86	1.00	0.001	0.000	0.001
38	0.38	0.39	0.01	0.38	25.00	34.77	1.00	0.001	0.000	0.001
39	0.39	0.40	0.01	0.39	25.00	33.29	1.00	0.001	0.000	0.001
40	0.40	0.41	0.01	0.40	25.00	32.58	1.00	0.001	0.000	0.001
41	0.41	0.42	0.01	0.41	25.00	31.21	1.00	0.001	0.000	0.001
42	0.42	0.43	0.01	0.42	25.00	31.02	1.00	0.001	0.000	0.001
43	0.43	0.44	0.01	0.43	25.00	30.45	1.00	0.001	0.000	0.001
44	0.44	0.45	0.01	0.44	25.00	31.13	1.00	0.001	0.000	0.001
45	0.45	0.46	0.01	0.45	25.00	29.42	1.00	0.001	0.000	0.001
46	0.46	0.47	0.01	0.46	25.00	27.85	1.00	0.001	0.000	0.001

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
47	0.47	0.48	0.01	0.47	25.00	26.76	1.00	0.001	0.000	0.001
48	0.48	0.49	0.01	0.48	25.00	21.51	1.00	0.001	0.000	0.001
49	0.49	0.50	0.01	0.49	25.00	21.76	1.00	0.001	0.000	0.001
50	0.50	0.51	0.01	0.50	25.00	21.57	1.00	0.001	0.000	0.001
51	0.51	0.52	0.01	0.51	25.00	25.89	1.00	0.001	0.000	0.001
52	0.52	0.53	0.01	0.52	25.00	25.73	1.00	0.001	0.000	0.001
53	0.53	0.54	0.01	0.53	25.00	25.89	1.00	0.001	0.000	0.001
54	0.54	0.55	0.01	0.54	25.00	28.15	1.00	0.001	0.000	0.001
55	0.55	0.56	0.01	0.55	25.00	28.83	1.00	0.001	0.000	0.001
56	0.56	0.57	0.01	0.56	25.00	29.76	1.00	0.001	0.000	0.001
57	0.57	0.58	0.01	0.57	25.00	28.67	1.00	0.001	0.000	0.001
58	0.58	0.59	0.01	0.58	25.00	29.65	1.00	0.001	0.000	0.001
59	0.59	0.60	0.01	0.59	25.00	29.72	1.00	0.001	0.000	0.001
60	0.60	0.61	0.01	0.60	25.00	30.44	1.00	0.001	0.000	0.001
61	0.61	0.62	0.01	0.61	25.00	31.09	1.00	0.001	0.000	0.001
62	0.62	0.63	0.01	0.62	25.00	32.77	1.00	0.001	0.000	0.001
63	0.63	0.64	0.01	0.63	25.00	34.94	1.00	0.001	0.000	0.001
64	0.64	0.65	0.01	0.64	25.00	36.24	1.00	0.001	0.000	0.001
65	0.65	0.66	0.01	0.65	25.00	38.32	1.00	0.001	0.000	0.001
66	0.66	0.67	0.01	0.66	25.00	40.42	1.00	0.001	0.000	0.001
67	0.67	0.68	0.01	0.67	25.00	43.37	1.00	0.001	0.000	0.001
68	0.68	0.69	0.01	0.68	25.00	45.21	1.00	0.001	0.000	0.001
69	0.69	0.70	0.01	0.69	25.00	47.56	1.00	0.001	0.000	0.001
70	0.70	0.71	0.01	0.70	25.00	49.39	1.00	0.001	0.000	0.001
71	0.71	0.72	0.01	0.71	25.00	51.57	1.00	0.000	0.000	0.000
72	0.72	0.73	0.01	0.72	25.00	52.51	1.00	0.000	0.000	0.000
73	0.73	0.74	0.01	0.73	25.00	53.05	1.00	0.000	0.000	0.000
74	0.74	0.75	0.01	0.74	25.00	53.84	1.00	0.000	0.000	0.000
75	0.75	0.76	0.01	0.75	25.00	53.56	1.00	0.000	0.000	0.000
76	0.76	0.77	0.01	0.76	25.00	53.42	1.00	0.000	0.000	0.000
77	0.77	0.78	0.01	0.77	25.00	51.70	1.00	0.000	0.000	0.000
78	0.78	0.79	0.01	0.78	25.00	50.08	1.00	0.000	0.000	0.000
79	0.79	0.80	0.01	0.79	25.00	48.85	1.00	0.001	0.000	0.001
80	0.80	0.81	0.01	0.80	25.00	47.97	1.00	0.001	0.000	0.001
81	0.81	0.82	0.01	0.81	24.99	47.80	1.00	0.001	0.000	0.001
82	0.82	0.83	0.01	0.82	24.99	47.37	1.00	0.001	0.000	0.001
83	0.83	0.84	0.01	0.83	24.99	47.15	1.00	0.001	0.000	0.001
84	0.84	0.85	0.01	0.84	24.99	46.36	1.00	0.001	0.000	0.001
85	0.85	0.86	0.01	0.85	24.99	45.02	1.00	0.001	0.000	0.001
86	0.86	0.87	0.01	0.86	24.99	44.02	1.00	0.001	0.000	0.001
87	0.87	0.88	0.01	0.87	24.99	42.78	1.00	0.001	0.000	0.001
88	0.88	0.89	0.01	0.88	24.99	41.89	1.00	0.001	0.000	0.001
89	0.89	0.90	0.01	0.89	24.99	39.91	1.00	0.001	0.000	0.001
90	0.90	0.91	0.01	0.90	24.99	38.06	1.00	0.001	0.000	0.001
91	0.91	0.92	0.01	0.91	24.99	35.96	1.00	0.001	0.000	0.001
92	0.92	0.93	0.01	0.92	24.99	34.06	1.00	0.001	0.000	0.001

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
93	0.93	0.94	0.01	0.93	24.99	32.31	1.00	0.001	0.000	0.001
94	0.94	0.95	0.01	0.94	24.99	30.78	1.00	0.001	0.000	0.001
95	0.95	0.96	0.01	0.95	24.99	29.01	1.00	0.001	0.000	0.001
96	0.96	0.97	0.01	0.96	24.99	28.16	1.00	0.001	0.000	0.001
97	0.97	0.98	0.01	0.97	24.99	26.59	1.00	0.001	0.000	0.001
98	0.98	0.99	0.01	0.98	24.99	25.48	1.00	0.001	0.000	0.001
99	0.99	1.00	0.01	0.99	24.99	23.58	1.00	0.001	0.000	0.001
100	1.00	1.01	0.01	1.00	24.99	22.10	1.00	0.001	0.000	0.001
101	1.01	1.02	0.01	1.01	24.99	21.02	1.00	0.001	0.000	0.001
102	1.02	1.03	0.01	1.02	24.99	18.98	1.00	0.001	0.000	0.001
103	1.03	1.04	0.01	1.03	24.99	17.61	1.00	0.001	0.000	0.001
104	1.04	1.05	0.01	1.04	24.99	16.52	1.00	0.002	0.000	0.002
105	1.05	1.06	0.01	1.05	24.99	16.53	1.00	0.002	0.000	0.002
106	1.06	1.07	0.01	1.06	24.99	16.23	1.00	0.002	0.000	0.002
107	1.07	1.08	0.01	1.07	24.99	15.65	1.00	0.002	0.000	0.002
108	1.08	1.09	0.01	1.08	24.99	15.45	1.00	0.002	0.000	0.002
109	1.09	1.10	0.01	1.09	24.99	15.02	1.00	0.002	0.000	0.002
110	1.10	1.11	0.01	1.10	24.99	14.32	1.00	0.002	0.000	0.002
111	1.11	1.12	0.01	1.11	24.99	8.20	1.00	0.003	0.000	0.003
112	1.12	1.13	0.01	1.12	24.99	7.82	1.00	0.003	0.000	0.003
113	1.13	1.14	0.01	1.13	24.99	7.33	1.00	0.003	0.000	0.003
114	1.14	1.15	0.01	1.14	24.99	6.55	1.00	0.004	0.000	0.004
115	1.15	1.16	0.01	1.15	24.99	6.17	1.00	0.004	0.000	0.004
116	1.16	1.17	0.01	1.16	24.98	5.97	1.00	0.004	0.000	0.004
117	1.17	1.18	0.01	1.17	24.98	6.00	1.00	0.004	0.000	0.004
118	1.18	1.19	0.01	1.18	24.98	5.71	1.00	0.004	0.000	0.004
119	1.19	1.20	0.01	1.19	24.98	5.60	1.00	0.004	0.000	0.004
120	1.20	1.21	0.01	1.20	24.98	5.48	1.00	0.005	0.000	0.005
121	1.21	1.22	0.01	1.21	24.98	5.53	1.00	0.005	0.000	0.005
122	1.22	1.23	0.01	1.22	24.98	5.26	1.00	0.005	0.000	0.005
123	1.23	1.24	0.01	1.23	24.98	4.84	1.00	0.005	0.000	0.005
124	1.24	1.25	0.01	1.24	24.98	4.36	1.00	0.006	0.000	0.006
125	1.25	1.26	0.01	1.25	24.98	4.04	1.00	0.006	0.000	0.006
126	1.26	1.27	0.01	1.26	24.98	3.71	1.00	0.007	0.000	0.007
127	1.27	1.28	0.01	1.27	24.98	3.43	1.00	0.007	0.000	0.007
128	1.28	1.29	0.01	1.28	24.98	2.75	1.00	0.009	0.000	0.009
129	1.29	1.30	0.01	1.29	24.98	2.13	1.00	0.012	0.000	0.012
130	1.30	1.31	0.01	1.30	24.98	1.52	1.00	0.016	0.000	0.016
131	1.31	1.32	0.01	1.31	24.98	1.29	1.00	0.019	0.000	0.019
132	1.32	1.33	0.01	1.32	24.98	1.02	1.00	0.024	0.000	0.024
133	1.33	1.34	0.01	1.33	24.98	0.75	1.00	0.033	0.000	0.033
134	1.34	1.35	0.01	1.34	24.98	0.54	1.00	0.046	0.000	0.046
135	1.35	1.36	0.01	1.35	24.98	0.45	1.00	0.055	0.000	0.055
136	1.36	1.37	0.01	1.36	24.98	0.49	1.00	0.051	0.000	0.051
137	1.37	1.38	0.01	1.37	24.98	0.54	1.00	0.047	0.000	0.047
138	1.38	1.39	0.01	1.38	24.97	0.62	1.00	0.041	0.000	0.041

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
139	1.39	1.40	0.01	1.39	24.97	0.66	1.00	0.038	0.000	0.038
140	1.40	1.41	0.01	1.40	24.97	0.67	1.00	0.037	0.000	0.037
141	1.41	1.42	0.01	1.41	24.97	0.65	1.00	0.039	0.000	0.039
142	1.42	1.43	0.01	1.42	24.97	0.60	1.00	0.041	0.000	0.041
143	1.43	1.44	0.01	1.43	24.97	0.65	1.00	0.038	0.000	0.038
144	1.44	1.45	0.01	1.44	24.97	0.68	1.00	0.037	0.000	0.037
145	1.45	1.46	0.01	1.45	24.97	0.74	1.00	0.034	0.000	0.034
146	1.46	1.47	0.01	1.46	24.97	0.76	1.00	0.033	0.000	0.033
147	1.47	1.48	0.01	1.47	24.97	0.76	1.00	0.033	0.000	0.033
148	1.48	1.49	0.01	1.48	24.97	0.79	1.00	0.032	0.000	0.032
149	1.49	1.50	0.01	1.49	24.97	0.74	1.00	0.034	0.000	0.034
150	1.50	1.51	0.01	1.50	24.97	0.17	1.00	0.144	0.000	0.144
151	1.51	1.52	0.01	1.51	24.97	0.18	1.00	0.140	0.000	0.140
152	1.52	1.53	0.01	1.52	24.97	0.92	1.00	0.027	0.000	0.027
153	1.53	1.54	0.01	1.53	24.97	0.94	1.00	0.026	0.000	0.026
154	1.54	1.55	0.01	1.54	24.97	0.19	1.00	0.133	0.000	0.133
155	1.55	1.56	0.01	1.55	24.96	0.20	1.00	0.123	0.000	0.123
156	1.56	1.57	0.01	1.56	24.96	0.21	1.00	0.119	0.000	0.119
157	1.57	1.58	0.01	1.57	24.96	1.27	1.00	0.020	0.000	0.020
158	1.58	1.59	0.01	1.58	24.96	0.22	1.00	0.112	0.000	0.112
159	1.59	1.60	0.01	1.59	24.96	0.24	1.00	0.106	0.000	0.106
160	1.60	1.61	0.01	1.60	24.96	0.24	1.00	0.103	0.000	0.103
161	1.61	1.62	0.01	1.61	24.96	0.25	1.00	0.099	0.000	0.099
162	1.62	1.63	0.01	1.62	24.96	0.23	1.00	0.107	0.000	0.107
163	1.63	1.64	0.01	1.63	24.96	1.25	1.00	0.020	0.000	0.020
164	1.64	1.65	0.01	1.64	24.96	1.24	1.00	0.020	0.000	0.020
165	1.65	1.66	0.01	1.65	24.96	1.28	1.00	0.019	0.000	0.019
166	1.66	1.67	0.01	1.66	24.96	1.29	1.00	0.019	0.000	0.019
167	1.67	1.68	0.01	1.67	24.96	1.35	1.00	0.018	0.000	0.018
168	1.68	1.69	0.01	1.68	24.96	1.33	1.00	0.019	0.000	0.019
169	1.69	1.70	0.01	1.69	24.95	1.39	1.00	0.018	0.000	0.018
170	1.70	1.71	0.01	1.70	24.95	1.42	1.00	0.018	0.000	0.018
171	1.71	1.72	0.01	1.71	24.95	1.67	1.00	0.015	0.000	0.015
172	1.72	1.73	0.01	1.72	24.95	1.95	1.00	0.013	0.000	0.013
173	1.73	1.74	0.01	1.73	24.95	2.16	1.00	0.012	0.000	0.012
174	1.74	1.75	0.01	1.74	24.95	1.84	1.00	0.014	0.000	0.014
175	1.75	1.76	0.01	1.75	24.95	1.68	1.00	0.015	0.000	0.015
176	1.76	1.77	0.01	1.76	24.95	1.66	1.00	0.015	0.000	0.015
177	1.77	1.78	0.01	1.77	24.95	2.01	1.00	0.012	0.000	0.012
178	1.78	1.79	0.01	1.78	24.95	2.08	1.00	0.012	0.000	0.012
179	1.79	1.80	0.01	1.79	24.95	0.32	1.00	0.078	0.000	0.078
180	1.80	1.81	0.01	1.80	24.95	0.33	1.00	0.077	0.000	0.077
181	1.81	1.82	0.01	1.81	24.94	0.34	1.00	0.074	0.000	0.074
182	1.82	1.83	0.01	1.82	24.94	3.37	1.00	0.007	0.000	0.007
183	1.83	1.84	0.01	1.83	24.94	0.36	1.00	0.070	0.000	0.070
184	1.84	1.85	0.01	1.84	24.94	0.36	1.00	0.069	0.000	0.069

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
185	1.85	1.86	0.01	1.85	24.94	0.39	1.00	0.065	0.000	0.065
186	1.86	1.87	0.01	1.86	24.94	3.03	1.00	0.008	0.000	0.008
187	1.87	1.88	0.01	1.87	24.94	3.12	1.00	0.008	0.000	0.008
188	1.88	1.89	0.01	1.88	24.94	3.00	1.00	0.008	0.000	0.008
189	1.89	1.90	0.01	1.89	24.94	3.17	1.00	0.008	0.000	0.008
190	1.90	1.91	0.01	1.90	24.94	3.33	1.00	0.007	0.000	0.007
191	1.91	1.92	0.01	1.91	24.93	3.50	1.00	0.007	0.000	0.007
192	1.92	1.93	0.01	1.92	24.93	3.69	1.00	0.007	0.000	0.007
193	1.93	1.94	0.01	1.93	24.93	3.36	1.00	0.007	0.000	0.007
194	1.94	1.95	0.01	1.94	24.93	3.15	1.00	0.008	0.000	0.008
195	1.95	1.96	0.01	1.95	24.93	3.19	1.00	0.008	0.000	0.008
196	1.96	1.97	0.01	1.96	24.93	3.25	1.00	0.008	0.000	0.008
197	1.97	1.98	0.01	1.97	24.93	3.46	1.00	0.007	0.000	0.007
198	1.98	1.99	0.01	1.98	24.93	3.46	1.00	0.007	0.000	0.007
199	1.99	2.00	0.01	1.99	24.93	3.31	1.00	0.008	0.000	0.008
200	2.00	2.01	0.01	2.00	24.93	3.37	1.00	0.007	0.000	0.007
201	2.01	2.02	0.01	2.01	24.92	3.16	1.00	0.008	0.000	0.008
202	2.02	2.03	0.01	2.02	24.92	3.54	1.00	0.007	0.000	0.007
203	2.03	2.04	0.01	2.03	24.92	3.49	1.00	0.007	0.000	0.007
204	2.04	2.05	0.01	2.04	24.92	3.84	1.00	0.006	0.000	0.006
205	2.05	2.06	0.01	2.05	24.92	3.97	1.00	0.006	0.000	0.006
206	2.06	2.07	0.01	2.06	24.92	4.21	1.00	0.006	0.000	0.006
207	2.07	2.08	0.01	2.07	24.92	4.05	1.00	0.006	0.000	0.006
208	2.08	2.09	0.01	2.08	24.92	4.41	1.00	0.006	0.000	0.006
209	2.09	2.10	0.01	2.09	24.91	4.46	1.00	0.006	0.000	0.006
210	2.10	2.11	0.01	2.10	24.91	5.18	1.00	0.005	0.000	0.005
211	2.11	2.12	0.01	2.11	24.91	5.22	1.00	0.005	0.000	0.005
212	2.12	2.13	0.01	2.12	24.91	5.47	1.00	0.005	0.000	0.005
213	2.13	2.14	0.01	2.13	24.91	5.61	1.00	0.004	0.000	0.004
214	2.14	2.15	0.01	2.14	24.91	5.57	1.00	0.004	0.000	0.004
215	2.15	2.16	0.01	2.15	24.91	5.60	1.00	0.004	0.000	0.004
216	2.16	2.17	0.01	2.16	24.91	5.56	1.00	0.004	0.000	0.004
217	2.17	2.18	0.01	2.17	24.90	5.68	1.00	0.004	0.000	0.004
218	2.18	2.19	0.01	2.18	24.90	5.43	1.00	0.005	0.000	0.005
219	2.19	2.20	0.01	2.19	24.90	4.94	1.00	0.005	0.000	0.005
220	2.20	2.21	0.01	2.20	24.90	4.41	1.00	0.006	0.000	0.006
221	2.21	2.22	0.01	2.21	24.90	4.25	1.00	0.006	0.000	0.006
222	2.22	2.23	0.01	2.22	24.90	4.16	1.00	0.006	0.000	0.006
223	2.23	2.24	0.01	2.23	24.90	4.35	1.00	0.006	0.000	0.006
224	2.24	2.25	0.01	2.24	24.90	4.27	1.00	0.006	0.000	0.006
225	2.25	2.26	0.01	2.25	24.89	4.70	1.00	0.005	0.000	0.005
226	2.26	2.27	0.01	2.26	24.89	4.53	1.00	0.005	0.000	0.005
227	2.27	2.28	0.01	2.27	24.89	4.43	1.00	0.006	0.000	0.006
228	2.28	2.29	0.01	2.28	24.89	3.96	1.00	0.006	0.000	0.006
229	2.29	2.30	0.01	2.29	24.89	3.72	1.00	0.007	0.000	0.007
230	2.30	2.31	0.01	2.30	24.89	3.81	1.00	0.007	0.000	0.007

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
231	2.31	2.32	0.01	2.31	24.89	4.00	1.00	0.006	0.000	0.006
232	2.32	2.33	0.01	2.32	24.88	4.02	1.00	0.006	0.000	0.006
233	2.33	2.34	0.01	2.33	24.88	4.07	1.00	0.006	0.000	0.006
234	2.34	2.35	0.01	2.34	24.88	3.74	1.00	0.007	0.000	0.007
235	2.35	2.36	0.01	2.35	24.88	3.60	1.00	0.007	0.000	0.007
236	2.36	2.37	0.01	2.36	24.88	3.72	1.00	0.007	0.000	0.007
237	2.37	2.38	0.01	2.37	24.88	3.85	1.00	0.006	0.000	0.006
238	2.38	2.39	0.01	2.38	24.88	4.12	1.00	0.006	0.000	0.006
239	2.39	2.40	0.01	2.39	24.87	3.94	0.99	0.006	0.000	0.006
240	2.40	2.41	0.01	2.40	24.87	4.12	0.99	0.006	0.000	0.006
241	2.41	2.42	0.01	2.41	24.87	3.92	0.99	0.006	0.000	0.006
242	2.42	2.43	0.01	2.42	24.87	3.98	0.99	0.006	0.000	0.006
243	2.43	2.44	0.01	2.43	24.87	3.96	0.99	0.006	0.000	0.006
244	2.44	2.45	0.01	2.44	24.87	4.21	0.99	0.006	0.000	0.006
245	2.45	2.46	0.01	2.45	24.86	3.75	0.99	0.007	0.000	0.007
246	2.46	2.47	0.01	2.46	24.86	3.47	0.99	0.007	0.000	0.007
247	2.47	2.48	0.01	2.47	24.86	3.38	0.99	0.007	0.000	0.007
248	2.48	2.49	0.01	2.48	24.86	3.32	0.99	0.007	0.000	0.007
249	2.49	2.50	0.01	2.49	24.86	3.54	0.99	0.007	0.000	0.007
250	2.50	2.51	0.01	2.50	24.86	3.64	0.99	0.007	0.000	0.007
251	2.51	2.52	0.01	2.51	24.85	4.66	0.99	0.005	0.000	0.005
252	2.52	2.53	0.01	2.52	24.85	5.26	0.99	0.005	0.000	0.005
253	2.53	2.54	0.01	2.53	24.85	5.79	0.99	0.004	0.000	0.004
254	2.54	2.55	0.01	2.54	24.85	5.72	0.99	0.004	0.000	0.004
255	2.55	2.56	0.01	2.55	24.85	5.43	0.99	0.005	0.000	0.005
256	2.56	2.57	0.01	2.56	24.85	5.16	0.99	0.005	0.000	0.005
257	2.57	2.58	0.01	2.57	24.84	4.96	0.99	0.005	0.000	0.005
258	2.58	2.59	0.01	2.58	24.84	4.74	0.99	0.005	0.000	0.005
259	2.59	2.60	0.01	2.59	24.84	4.74	0.99	0.005	0.000	0.005
260	2.60	2.61	0.01	2.60	24.84	4.75	0.99	0.005	0.000	0.005
261	2.61	2.62	0.01	2.61	24.84	4.94	0.99	0.005	0.000	0.005
262	2.62	2.63	0.01	2.62	24.84	5.43	0.99	0.005	0.000	0.005
263	2.63	2.64	0.01	2.63	24.83	6.28	0.99	0.004	0.000	0.004
264	2.64	2.65	0.01	2.64	24.83	7.00	0.99	0.004	0.000	0.004
265	2.65	2.66	0.01	2.65	24.83	7.81	0.99	0.003	0.000	0.003
266	2.66	2.67	0.01	2.66	24.83	9.36	0.99	0.003	0.000	0.003
267	2.67	2.68	0.01	2.67	24.83	11.10	0.99	0.002	0.000	0.002
268	2.68	2.69	0.01	2.68	24.82	12.94	0.99	0.002	0.000	0.002
269	2.69	2.70	0.01	2.69	24.82	14.61	0.99	0.002	0.000	0.002
270	2.70	2.71	0.01	2.70	24.82	15.82	0.99	0.002	0.000	0.002
271	2.71	2.72	0.01	2.71	24.82	16.93	0.99	0.001	0.000	0.001
272	2.72	2.73	0.01	2.72	24.82	16.91	0.99	0.001	0.000	0.001
273	2.73	2.74	0.01	2.73	24.82	16.51	0.99	0.002	0.000	0.002
274	2.74	2.75	0.01	2.74	24.81	16.29	0.99	0.002	0.000	0.002
275	2.75	2.76	0.01	2.75	24.81	16.92	0.99	0.001	0.000	0.001
276	2.76	2.77	0.01	2.76	24.81	18.45	0.99	0.001	0.000	0.001

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
277	2.77	2.78	0.01	2.77	24.81	20.34	0.99	0.001	0.000	0.001
278	2.78	2.79	0.01	2.78	24.81	21.94	0.99	0.001	0.000	0.001
279	2.79	2.80	0.01	2.79	24.80	23.37	0.99	0.001	0.000	0.001
280	2.80	2.81	0.01	2.80	24.80	24.47	0.99	0.001	0.000	0.001
281	2.81	2.82	0.01	2.81	24.80	25.34	0.99	0.001	0.000	0.001
282	2.82	2.83	0.01	2.82	24.80	26.03	0.99	0.001	0.000	0.001
283	2.83	2.84	0.01	2.83	24.79	26.48	0.99	0.001	0.000	0.001
284	2.84	2.85	0.01	2.84	24.79	26.86	0.99	0.001	0.000	0.001
285	2.85	2.86	0.01	2.85	24.79	27.20	0.99	0.001	0.000	0.001
286	2.86	2.87	0.01	2.86	24.79	27.49	0.99	0.001	0.000	0.001
287	2.87	2.88	0.01	2.87	24.79	27.79	0.99	0.001	0.000	0.001
288	2.88	2.89	0.01	2.88	24.78	27.99	0.99	0.001	0.000	0.001
289	2.89	2.90	0.01	2.89	24.78	27.96	0.99	0.001	0.000	0.001
290	2.90	2.91	0.01	2.90	24.78	27.70	0.99	0.001	0.000	0.001
291	2.91	2.92	0.01	2.91	24.78	27.39	0.99	0.001	0.000	0.001
292	2.92	2.93	0.01	2.92	24.78	27.12	0.99	0.001	0.000	0.001
293	2.93	2.94	0.01	2.93	24.77	27.00	0.99	0.001	0.000	0.001
294	2.94	2.95	0.01	2.94	24.77	26.95	0.99	0.001	0.000	0.001
295	2.95	2.96	0.01	2.95	24.77	27.26	0.99	0.001	0.000	0.001
296	2.96	2.97	0.01	2.96	24.77	27.73	0.99	0.001	0.000	0.001
297	2.97	2.98	0.01	2.97	24.76	28.51	0.99	0.001	0.000	0.001
298	2.98	2.99	0.01	2.98	24.76	29.94	0.99	0.001	0.000	0.001
299	2.99	3.00	0.01	2.99	24.76	31.57	0.99	0.001	0.000	0.001
300	3.00	3.01	0.01	3.00	24.76	33.15	0.99	0.001	0.000	0.001
301	3.01	3.02	0.01	3.01	24.76	33.85	0.99	0.001	0.000	0.001
302	3.02	3.03	0.01	3.02	24.75	34.21	0.99	0.001	0.000	0.001
303	3.03	3.04	0.01	3.03	24.75	34.26	0.99	0.001	0.000	0.001
304	3.04	3.05	0.01	3.04	24.75	33.98	0.99	0.001	0.000	0.001
305	3.05	3.06	0.01	3.05	24.75	33.74	0.99	0.001	0.000	0.001
306	3.06	3.07	0.01	3.06	24.74	33.64	0.99	0.001	0.000	0.001
307	3.07	3.08	0.01	3.07	24.74	34.18	0.99	0.001	0.000	0.001
308	3.08	3.09	0.01	3.08	24.74	34.92	0.99	0.001	0.000	0.001
309	3.09	3.10	0.01	3.09	24.74	35.80	0.99	0.001	0.000	0.001
310	3.10	3.11	0.01	3.10	24.73	36.63	0.99	0.001	0.000	0.001
311	3.11	3.12	0.01	3.11	24.73	37.55	0.99	0.001	0.000	0.001
312	3.12	3.13	0.01	3.12	24.73	38.63	0.99	0.001	0.000	0.001
313	3.13	3.14	0.01	3.13	24.73	40.24	0.99	0.001	0.000	0.001
314	3.14	3.15	0.01	3.14	24.72	41.77	0.99	0.001	0.000	0.001
315	3.15	3.16	0.01	3.15	24.72	43.09	0.99	0.001	0.000	0.001
316	3.16	3.17	0.01	3.16	24.72	43.77	0.99	0.001	0.000	0.001
317	3.17	3.18	0.01	3.17	24.72	44.34	0.99	0.001	0.000	0.001
318	3.18	3.19	0.01	3.18	24.71	45.06	0.99	0.001	0.000	0.001
319	3.19	3.20	0.01	3.19	24.71	46.03	0.99	0.001	0.000	0.001
320	3.20	3.21	0.01	3.20	24.71	47.65	0.99	0.001	0.000	0.001
321	3.21	3.22	0.01	3.21	24.71	50.58	0.99	0.000	0.000	0.000
322	3.22	3.23	0.01	3.22	24.70	54.98	0.99	0.000	0.000	0.000

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
323	3.23	3.24	0.01	3.23	24.70	103.56	0.99	0.000	0.000	0.000
324	3.24	3.25	0.01	3.24	24.70	111.40	0.99	0.000	0.000	0.000
325	3.25	3.26	0.01	3.25	24.70	118.60	0.99	0.000	0.000	0.000
326	3.26	3.27	0.01	3.26	24.69	125.49	0.99	0.000	0.000	0.000
327	3.27	3.28	0.01	3.27	24.69	134.65	0.99	0.000	0.000	0.000
328	3.28	3.29	0.01	3.28	24.69	144.37	0.99	0.000	0.000	0.000
329	3.29	3.30	0.01	3.29	24.69	92.63	0.99	0.000	0.000	0.000
330	3.30	3.31	0.01	3.30	24.68	162.91	0.99	0.000	0.000	0.000
331	3.31	3.32	0.01	3.31	24.68	171.98	0.99	0.000	0.000	0.000
332	3.32	3.33	0.01	3.32	24.68	180.61	0.99	0.000	0.000	0.000
333	3.33	3.34	0.01	3.33	24.67	185.03	0.99	0.000	0.000	0.000
334	3.34	3.35	0.01	3.34	24.67	183.42	0.99	0.000	0.000	0.000
335	3.35	3.36	0.01	3.35	24.67	96.80	0.99	0.000	0.000	0.000
336	3.36	3.37	0.01	3.36	24.67	81.70	0.99	0.000	0.000	0.000
337	3.37	3.38	0.01	3.37	24.66	70.08	0.99	0.000	0.000	0.000
338	3.38	3.39	0.01	3.38	24.66	62.53	0.99	0.000	0.000	0.000
339	3.39	3.40	0.01	3.39	24.66	56.45	0.99	0.000	0.000	0.000
340	3.40	3.41	0.01	3.40	24.65	51.79	0.99	0.000	0.000	0.000
341	3.41	3.42	0.01	3.41	24.65	47.99	0.99	0.001	0.000	0.001
342	3.42	3.43	0.01	3.42	24.65	45.64	0.99	0.001	0.000	0.001
343	3.43	3.44	0.01	3.43	24.65	43.52	0.99	0.001	0.000	0.001
344	3.44	3.45	0.01	3.44	24.64	40.54	0.99	0.001	0.000	0.001
345	3.45	3.46	0.01	3.45	24.64	37.98	0.99	0.001	0.000	0.001
346	3.46	3.47	0.01	3.46	24.64	36.12	0.99	0.001	0.000	0.001
347	3.47	3.48	0.01	3.47	24.63	35.85	0.99	0.001	0.000	0.001
348	3.48	3.49	0.01	3.48	24.63	36.61	0.99	0.001	0.000	0.001
349	3.49	3.50	0.01	3.49	24.63	37.29	0.99	0.001	0.000	0.001
350	3.50	3.51	0.01	3.50	24.63	37.82	0.99	0.001	0.000	0.001
351	3.51	3.52	0.01	3.51	24.62	37.54	0.98	0.001	0.000	0.001
352	3.52	3.53	0.01	3.52	24.62	37.40	0.98	0.001	0.000	0.001
353	3.53	3.54	0.01	3.53	24.62	37.46	0.98	0.001	0.000	0.001
354	3.54	3.55	0.01	3.54	24.61	37.55	0.98	0.001	0.000	0.001
355	3.55	3.56	0.01	3.55	24.61	38.04	0.98	0.001	0.000	0.001
356	3.56	3.57	0.01	3.56	24.61	38.67	0.98	0.001	0.000	0.001
357	3.57	3.58	0.01	3.57	24.60	39.35	0.98	0.001	0.000	0.001
358	3.58	3.59	0.01	3.58	24.60	39.96	0.98	0.001	0.000	0.001
359	3.59	3.60	0.01	3.59	24.60	40.93	0.98	0.001	0.000	0.001
360	3.60	3.61	0.01	3.60	24.59	41.97	0.98	0.001	0.000	0.001
361	3.61	3.62	0.01	3.61	24.59	42.96	0.98	0.001	0.000	0.001
362	3.62	3.63	0.01	3.62	24.59	43.72	0.98	0.001	0.000	0.001
363	3.63	3.64	0.01	3.63	24.58	44.73	0.98	0.001	0.000	0.001
364	3.64	3.65	0.01	3.64	24.58	45.75	0.98	0.001	0.000	0.001
365	3.65	3.66	0.01	3.65	24.58	46.64	0.98	0.001	0.000	0.001
366	3.66	3.67	0.01	3.66	24.58	47.06	0.98	0.001	0.000	0.001
367	3.67	3.68	0.01	3.67	24.57	47.61	0.98	0.001	0.000	0.001
368	3.68	3.69	0.01	3.68	24.57	48.12	0.98	0.001	0.000	0.001

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
369	3.69	3.70	0.01	3.69	24.57	48.74	0.98	0.001	0.000	0.001
370	3.70	3.71	0.01	3.70	24.56	48.96	0.98	0.001	0.000	0.001
371	3.71	3.72	0.01	3.71	24.56	49.23	0.98	0.000	0.000	0.000
372	3.72	3.73	0.01	3.72	24.56	49.65	0.98	0.000	0.000	0.000
373	3.73	3.74	0.01	3.73	24.55	50.14	0.98	0.000	0.000	0.000
374	3.74	3.75	0.01	3.74	24.55	50.39	0.98	0.000	0.000	0.000
375	3.75	3.76	0.01	3.75	24.55	50.27	0.98	0.000	0.000	0.000
376	3.76	3.77	0.01	3.76	24.54	49.98	0.98	0.000	0.000	0.000
377	3.77	3.78	0.01	3.77	24.54	49.54	0.98	0.000	0.000	0.000
378	3.78	3.79	0.01	3.78	24.54	49.21	0.98	0.000	0.000	0.000
379	3.79	3.80	0.01	3.79	24.53	48.95	0.98	0.001	0.000	0.001
380	3.80	3.81	0.01	3.80	24.53	48.94	0.98	0.001	0.000	0.001
381	3.81	3.82	0.01	3.81	24.52	48.78	0.98	0.001	0.000	0.001
382	3.82	3.83	0.01	3.82	24.52	48.66	0.98	0.001	0.000	0.001
383	3.83	3.84	0.01	3.83	24.52	48.40	0.98	0.001	0.000	0.001
384	3.84	3.85	0.01	3.84	24.51	48.25	0.98	0.001	0.000	0.001
385	3.85	3.86	0.01	3.85	24.51	48.07	0.98	0.001	0.000	0.001
386	3.86	3.87	0.01	3.86	24.51	47.94	0.98	0.001	0.000	0.001
387	3.87	3.88	0.01	3.87	24.50	47.88	0.98	0.001	0.000	0.001
388	3.88	3.89	0.01	3.88	24.50	47.94	0.98	0.001	0.000	0.001
389	3.89	3.90	0.01	3.89	24.50	48.04	0.98	0.001	0.000	0.001
390	3.90	3.91	0.01	3.90	24.49	48.20	0.98	0.001	0.000	0.001
391	3.91	3.92	0.01	3.91	24.49	48.21	0.98	0.001	0.000	0.001
392	3.92	3.93	0.01	3.92	24.49	48.20	0.98	0.001	0.000	0.001
393	3.93	3.94	0.01	3.93	24.48	48.12	0.98	0.001	0.000	0.001
394	3.94	3.95	0.01	3.94	24.48	48.14	0.98	0.001	0.000	0.001
395	3.95	3.96	0.01	3.95	24.47	48.13	0.98	0.001	0.000	0.001
396	3.96	3.97	0.01	3.96	24.47	47.95	0.98	0.001	0.000	0.001
397	3.97	3.98	0.01	3.97	24.47	47.67	0.98	0.001	0.000	0.001
398	3.98	3.99	0.01	3.98	24.46	47.43	0.98	0.001	0.000	0.001
399	3.99	4.00	0.01	3.99	24.46	47.20	0.98	0.001	0.000	0.001
400	4.00	4.01	0.01	4.00	24.46	46.88	0.98	0.001	0.000	0.001
401	4.01	4.02	0.01	4.01	24.45	46.55	0.98	0.001	0.000	0.001
402	4.02	4.03	0.01	4.02	24.45	46.27	0.98	0.001	0.000	0.001
403	4.03	4.04	0.01	4.03	24.45	46.01	0.98	0.001	0.000	0.001
404	4.04	4.05	0.01	4.04	24.44	45.64	0.98	0.001	0.000	0.001
405	4.05	4.06	0.01	4.05	24.44	45.16	0.98	0.001	0.000	0.001
406	4.06	4.07	0.01	4.06	24.43	44.63	0.98	0.001	0.000	0.001
407	4.07	4.08	0.01	4.07	24.43	44.07	0.98	0.001	0.000	0.001
408	4.08	4.09	0.01	4.08	24.43	43.55	0.98	0.001	0.000	0.001
409	4.09	4.10	0.01	4.09	24.42	43.20	0.98	0.001	0.000	0.001
410	4.10	4.11	0.01	4.10	24.42	42.94	0.98	0.001	0.000	0.001
411	4.11	4.12	0.01	4.11	24.41	42.68	0.98	0.001	0.000	0.001
412	4.12	4.13	0.01	4.12	24.41	42.49	0.98	0.001	0.000	0.001
413	4.13	4.14	0.01	4.14	24.41	42.41	0.98	0.001	0.000	0.001
414	4.14	4.15	0.01	4.14	24.40	42.36	0.98	0.001	0.000	0.001

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
415	4.15	4.16	0.01	4.16	24.40	42.14	0.98	0.001	0.000	0.001
416	4.16	4.17	0.01	4.17	24.39	41.66	0.98	0.001	0.000	0.001
417	4.17	4.18	0.01	4.18	24.39	41.04	0.98	0.001	0.000	0.001
418	4.18	4.19	0.01	4.19	24.39	40.33	0.98	0.001	0.000	0.001
419	4.19	4.20	0.01	4.20	24.38	39.56	0.98	0.001	0.000	0.001
420	4.20	4.21	0.01	4.21	24.38	38.60	0.98	0.001	0.000	0.001
421	4.21	4.22	0.01	4.22	24.37	37.49	0.97	0.001	0.000	0.001
422	4.22	4.23	0.01	4.23	24.37	36.48	0.97	0.001	0.000	0.001
423	4.23	4.24	0.01	4.24	24.37	35.66	0.97	0.001	0.000	0.001
424	4.24	4.25	0.01	4.25	24.36	35.09	0.97	0.001	0.000	0.001
425	4.25	4.26	0.01	4.26	24.36	34.56	0.97	0.001	0.000	0.001
426	4.26	4.27	0.01	4.27	24.35	34.11	0.97	0.001	0.000	0.001
427	4.27	4.28	0.01	4.28	24.35	33.77	0.97	0.001	0.000	0.001
428	4.28	4.29	0.01	4.29	24.35	33.55	0.97	0.001	0.000	0.001
429	4.29	4.30	0.01	4.30	24.34	33.55	0.97	0.001	0.000	0.001
430	4.30	4.31	0.01	4.31	24.34	33.90	0.97	0.001	0.000	0.001
431	4.31	4.32	0.01	4.32	24.33	34.49	0.97	0.001	0.000	0.001
432	4.32	4.33	0.01	4.33	24.33	35.17	0.97	0.001	0.000	0.001
433	4.33	4.34	0.01	4.34	24.32	35.58	0.97	0.001	0.000	0.001
434	4.34	4.35	0.01	4.35	24.32	35.84	0.97	0.001	0.000	0.001
435	4.35	4.36	0.01	4.36	24.32	36.01	0.97	0.001	0.000	0.001
436	4.36	4.37	0.01	4.37	24.31	36.09	0.97	0.001	0.000	0.001
437	4.37	4.38	0.01	4.38	24.31	35.96	0.97	0.001	0.000	0.001
438	4.38	4.39	0.01	4.39	24.30	35.41	0.97	0.001	0.000	0.001
439	4.39	4.40	0.01	4.40	24.30	34.77	0.97	0.001	0.000	0.001
440	4.40	4.41	0.01	4.41	24.29	34.17	0.97	0.001	0.000	0.001
441	4.41	4.42	0.01	4.42	24.29	33.79	0.97	0.001	0.000	0.001
442	4.42	4.43	0.01	4.43	24.29	33.40	0.97	0.001	0.000	0.001
443	4.43	4.44	0.01	4.44	24.28	33.10	0.97	0.001	0.000	0.001
444	4.44	4.45	0.01	4.45	24.28	32.85	0.97	0.001	0.000	0.001
445	4.45	4.46	0.01	4.46	24.27	32.60	0.97	0.001	0.000	0.001
446	4.46	4.47	0.01	4.47	24.27	32.03	0.97	0.001	0.000	0.001
447	4.47	4.48	0.01	4.48	24.26	31.19	0.97	0.001	0.000	0.001
448	4.48	4.49	0.01	4.49	24.26	30.93	0.97	0.001	0.000	0.001
449	4.49	4.50	0.01	4.50	24.26	30.63	0.97	0.001	0.000	0.001
450	4.50	4.51	0.01	4.51	24.25	30.45	0.97	0.001	0.000	0.001
451	4.51	4.52	0.01	4.52	24.25	29.59	0.97	0.001	0.000	0.001
452	4.52	4.53	0.01	4.53	24.24	28.96	0.97	0.001	0.000	0.001
453	4.53	4.54	0.01	4.54	24.24	28.33	0.97	0.001	0.000	0.001
454	4.54	4.55	0.01	4.55	24.23	27.70	0.97	0.001	0.000	0.001
455	4.55	4.56	0.01	4.56	24.23	27.15	0.97	0.001	0.000	0.001
456	4.56	4.57	0.01	4.57	24.22	26.83	0.97	0.001	0.000	0.001
457	4.57	4.58	0.01	4.58	24.22	26.86	0.97	0.001	0.000	0.001
458	4.58	4.59	0.01	4.59	24.21	26.93	0.97	0.001	0.000	0.001
459	4.59	4.60	0.01	4.60	24.21	27.04	0.97	0.001	0.000	0.001
460	4.60	4.61	0.01	4.61	24.20	27.10	0.97	0.001	0.000	0.001

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
461	4.61	4.62	0.01	4.62	24.20	27.33	0.97	0.001	0.000	0.001
462	4.62	4.63	0.01	4.63	24.20	27.74	0.97	0.001	0.000	0.001
463	4.63	4.64	0.01	4.64	24.19	28.59	0.97	0.001	0.000	0.001
464	4.64	4.65	0.01	4.65	24.19	29.53	0.97	0.001	0.000	0.001
465	4.65	4.66	0.01	4.66	24.18	30.45	0.97	0.001	0.000	0.001
466	4.66	4.67	0.01	4.67	24.18	30.98	0.97	0.001	0.000	0.001
467	4.67	4.68	0.01	4.68	24.17	31.48	0.97	0.001	0.000	0.001
468	4.68	4.69	0.01	4.69	24.17	32.07	0.97	0.001	0.000	0.001
469	4.69	4.70	0.01	4.70	24.16	31.86	0.97	0.001	0.000	0.001
470	4.70	4.71	0.01	4.71	24.16	31.29	0.97	0.001	0.000	0.001
471	4.71	4.72	0.01	4.72	24.15	30.26	0.97	0.001	0.000	0.001
472	4.72	4.73	0.01	4.73	24.15	29.77	0.97	0.001	0.000	0.001
473	4.73	4.74	0.01	4.74	24.14	29.18	0.97	0.001	0.000	0.001
474	4.74	4.75	0.01	4.75	24.14	28.65	0.97	0.001	0.000	0.001
475	4.75	4.76	0.01	4.76	24.13	28.24	0.97	0.001	0.000	0.001
476	4.76	4.77	0.01	4.77	24.13	27.98	0.97	0.001	0.000	0.001
477	4.77	4.78	0.01	4.78	24.12	27.43	0.96	0.001	0.000	0.001
478	4.78	4.79	0.01	4.79	24.12	26.85	0.96	0.001	0.000	0.001
479	4.79	4.80	0.01	4.80	24.11	26.28	0.96	0.001	0.000	0.001
480	4.80	4.81	0.01	4.81	24.11	26.00	0.96	0.001	0.000	0.001
481	4.81	4.82	0.01	4.82	24.10	25.70	0.96	0.001	0.000	0.001
482	4.82	4.83	0.01	4.83	24.10	25.27	0.96	0.001	0.000	0.001
483	4.83	4.84	0.01	4.84	24.09	24.85	0.96	0.001	0.000	0.001
484	4.84	4.85	0.01	4.85	24.09	24.48	0.96	0.001	0.000	0.001
485	4.85	4.86	0.01	4.86	24.08	24.28	0.96	0.001	0.000	0.001
486	4.86	4.87	0.01	4.87	24.08	24.05	0.96	0.001	0.000	0.001
487	4.87	4.88	0.01	4.88	24.07	23.93	0.96	0.001	0.000	0.001
488	4.88	4.89	0.01	4.89	24.07	23.93	0.96	0.001	0.000	0.001
489	4.89	4.90	0.01	4.90	24.06	24.01	0.96	0.001	0.000	0.001
490	4.90	4.91	0.01	4.91	24.06	24.05	0.96	0.001	0.000	0.001
491	4.91	4.92	0.01	4.92	24.05	24.15	0.96	0.001	0.000	0.001
492	4.92	4.93	0.01	4.93	24.05	24.36	0.96	0.001	0.000	0.001
493	4.93	4.94	0.01	4.94	24.04	24.85	0.96	0.001	0.000	0.001
494	4.94	4.95	0.01	4.95	24.04	25.38	0.96	0.001	0.000	0.001
495	4.95	4.96	0.01	4.96	24.03	25.89	0.96	0.001	0.000	0.001
496	4.96	4.97	0.01	4.97	24.03	26.14	0.96	0.001	0.000	0.001
497	4.97	4.98	0.01	4.98	24.02	26.24	0.96	0.001	0.000	0.001
498	4.98	4.99	0.01	4.99	24.02	26.23	0.96	0.001	0.000	0.001
499	4.99	5.00	0.01	5.00	24.01	26.18	0.96	0.001	0.000	0.001
500	5.00	5.01	0.01	5.01	24.01	26.12	0.96	0.001	0.000	0.001
501	5.01	5.02	0.01	5.02	24.00	26.03	0.96	0.001	0.000	0.001
502	5.02	5.03	0.01	5.03	24.00	25.97	0.96	0.001	0.000	0.001
503	5.03	5.04	0.01	5.04	23.99	25.98	0.96	0.001	0.000	0.001
504	5.04	5.05	0.01	5.05	23.99	26.07	0.96	0.001	0.000	0.001
505	5.05	5.06	0.01	5.06	23.98	26.18	0.96	0.001	0.000	0.001
506	5.06	5.07	0.01	5.07	23.98	26.24	0.96	0.001	0.000	0.001

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
507	5.07	5.08	0.01	5.08	23.97	26.32	0.96	0.001	0.000	0.001
508	5.08	5.09	0.01	5.09	23.96	26.31	0.96	0.001	0.000	0.001
509	5.09	5.10	0.01	5.10	23.96	26.17	0.96	0.001	0.000	0.001
510	5.10	5.11	0.01	5.11	23.95	25.66	0.96	0.001	0.000	0.001
511	5.11	5.12	0.01	5.12	23.95	25.10	0.96	0.001	0.000	0.001
512	5.12	5.13	0.01	5.13	23.94	24.50	0.96	0.001	0.000	0.001
513	5.13	5.14	0.01	5.14	23.94	24.14	0.96	0.001	0.000	0.001
514	5.14	5.15	0.01	5.15	23.93	23.80	0.96	0.001	0.000	0.001
515	5.15	5.16	0.01	5.16	23.93	23.58	0.96	0.001	0.000	0.001
516	5.16	5.17	0.01	5.17	23.92	23.51	0.96	0.001	0.000	0.001
517	5.17	5.18	0.01	5.18	23.92	23.91	0.96	0.001	0.000	0.001
518	5.18	5.19	0.01	5.19	23.91	24.59	0.96	0.001	0.000	0.001
519	5.19	5.20	0.01	5.20	23.91	25.46	0.96	0.001	0.000	0.001
520	5.20	5.21	0.01	5.21	23.90	26.14	0.96	0.001	0.000	0.001
521	5.21	5.22	0.01	5.22	23.89	26.75	0.96	0.001	0.000	0.001
522	5.22	5.23	0.01	5.23	23.89	27.19	0.96	0.001	0.000	0.001
523	5.23	5.24	0.01	5.24	23.88	27.37	0.96	0.001	0.000	0.001
524	5.24	5.25	0.01	5.25	23.88	27.30	0.96	0.001	0.000	0.001
525	5.25	5.26	0.01	5.26	23.87	27.20	0.95	0.001	0.000	0.001
526	5.26	5.27	0.01	5.27	23.87	27.30	0.95	0.001	0.000	0.001
527	5.27	5.28	0.01	5.28	23.86	27.58	0.95	0.001	0.000	0.001
528	5.28	5.29	0.01	5.29	23.86	27.91	0.95	0.001	0.000	0.001
529	5.29	5.30	0.01	5.30	23.85	27.88	0.95	0.001	0.000	0.001
530	5.30	5.31	0.01	5.31	23.84	27.42	0.95	0.001	0.000	0.001
531	5.31	5.32	0.01	5.32	23.84	26.59	0.95	0.001	0.000	0.001
532	5.32	5.33	0.01	5.33	23.83	25.78	0.95	0.001	0.000	0.001
533	5.33	5.34	0.01	5.34	23.83	25.12	0.95	0.001	0.000	0.001
534	5.34	5.35	0.01	5.35	23.82	24.55	0.95	0.001	0.000	0.001
535	5.35	5.36	0.01	5.36	23.82	24.20	0.95	0.001	0.000	0.001
536	5.36	5.37	0.01	5.37	23.81	23.96	0.95	0.001	0.000	0.001
537	5.37	5.38	0.01	5.38	23.80	23.92	0.95	0.001	0.000	0.001
538	5.38	5.39	0.01	5.39	23.80	23.70	0.95	0.001	0.000	0.001
539	5.39	5.40	0.01	5.40	23.79	23.52	0.95	0.001	0.000	0.001
540	5.40	5.41	0.01	5.41	23.79	23.29	0.95	0.001	0.000	0.001
541	5.41	5.42	0.01	5.42	23.78	23.14	0.95	0.001	0.000	0.001
542	5.42	5.43	0.01	5.43	23.77	23.05	0.95	0.001	0.000	0.001
543	5.43	5.44	0.01	5.44	23.77	23.17	0.95	0.001	0.000	0.001
544	5.44	5.45	0.01	5.45	23.76	23.48	0.95	0.001	0.000	0.001
545	5.45	5.46	0.01	5.46	23.76	23.99	0.95	0.001	0.000	0.001
546	5.46	5.47	0.01	5.47	23.75	24.56	0.95	0.001	0.000	0.001
547	5.47	5.48	0.01	5.48	23.75	21.39	0.95	0.001	0.000	0.001
548	5.48	5.49	0.01	5.49	23.74	22.19	0.95	0.001	0.000	0.001
549	5.49	5.50	0.01	5.50	23.73	22.65	0.95	0.001	0.000	0.001
550	5.50	5.51	0.01	5.51	23.73	26.65	0.95	0.001	0.000	0.001
551	5.51	5.52	0.01	5.52	23.72	26.08	0.95	0.001	0.000	0.001
552	5.52	5.53	0.01	5.53	23.72	25.53	0.95	0.001	0.000	0.001

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
553	5.53	5.54	0.01	5.54	23.71	24.98	0.95	0.001	0.000	0.001
554	5.54	5.55	0.01	5.55	23.70	24.59	0.95	0.001	0.000	0.001
555	5.55	5.56	0.01	5.56	23.70	24.24	0.95	0.001	0.000	0.001
556	5.56	5.57	0.01	5.57	23.69	24.01	0.95	0.001	0.000	0.001
557	5.57	5.58	0.01	5.58	23.69	24.04	0.95	0.001	0.000	0.001
558	5.58	5.59	0.01	5.59	23.68	24.08	0.95	0.001	0.000	0.001
559	5.59	5.60	0.01	5.60	23.67	24.05	0.95	0.001	0.000	0.001
560	5.60	5.61	0.01	5.61	23.67	23.98	0.95	0.001	0.000	0.001
561	5.61	5.62	0.01	5.62	23.66	23.97	0.95	0.001	0.000	0.001
562	5.62	5.63	0.01	5.63	23.66	24.12	0.95	0.001	0.000	0.001
563	5.63	5.64	0.01	5.64	23.65	24.37	0.95	0.001	0.000	0.001
564	5.64	5.65	0.01	5.65	23.64	24.81	0.95	0.001	0.000	0.001
565	5.65	5.66	0.01	5.66	23.64	25.39	0.95	0.001	0.000	0.001
566	5.66	5.67	0.01	5.67	23.63	26.26	0.95	0.001	0.000	0.001
567	5.67	5.68	0.01	5.68	23.62	27.07	0.94	0.001	0.000	0.001
568	5.68	5.69	0.01	5.69	23.62	27.82	0.94	0.001	0.000	0.001
569	5.69	5.70	0.01	5.70	23.61	28.25	0.94	0.001	0.000	0.001
570	5.70	5.71	0.01	5.71	23.61	28.53	0.94	0.001	0.000	0.001
571	5.71	5.72	0.01	5.72	23.60	28.62	0.94	0.001	0.000	0.001
572	5.72	5.73	0.01	5.73	23.59	28.56	0.94	0.001	0.000	0.001
573	5.73	5.74	0.01	5.74	23.59	28.25	0.94	0.001	0.000	0.001
574	5.74	5.75	0.01	5.75	23.58	27.74	0.94	0.001	0.000	0.001
575	5.75	5.76	0.01	5.76	23.57	26.94	0.94	0.001	0.000	0.001
576	5.76	5.77	0.01	5.77	23.57	26.07	0.94	0.001	0.000	0.001
577	5.77	5.78	0.01	5.78	23.56	25.10	0.94	0.001	0.000	0.001
578	5.78	5.79	0.01	5.79	23.56	24.26	0.94	0.001	0.000	0.001
579	5.79	5.80	0.01	5.80	23.55	23.59	0.94	0.001	0.000	0.001
580	5.80	5.81	0.01	5.81	23.54	23.18	0.94	0.001	0.000	0.001
581	5.81	5.82	0.01	5.82	23.54	22.86	0.94	0.001	0.000	0.001
582	5.82	5.83	0.01	5.83	23.53	22.66	0.94	0.001	0.000	0.001
583	5.83	5.84	0.01	5.84	23.52	22.68	0.94	0.001	0.000	0.001
584	5.84	5.85	0.01	5.85	23.52	23.00	0.94	0.001	0.000	0.001
585	5.85	5.86	0.01	5.86	23.51	23.64	0.94	0.001	0.000	0.001
586	5.86	5.87	0.01	5.87	23.50	24.26	0.94	0.001	0.000	0.001
587	5.87	5.88	0.01	5.88	23.50	24.68	0.94	0.001	0.000	0.001
588	5.88	5.89	0.01	5.89	23.49	24.64	0.94	0.001	0.000	0.001
589	5.89	5.90	0.01	5.90	23.48	24.23	0.94	0.001	0.000	0.001
590	5.90	5.91	0.01	5.91	23.48	23.75	0.94	0.001	0.000	0.001
591	5.91	5.92	0.01	5.92	23.47	23.34	0.94	0.001	0.000	0.001
592	5.92	5.93	0.01	5.93	23.47	23.21	0.94	0.001	0.000	0.001
593	5.93	5.94	0.01	5.94	23.46	23.23	0.94	0.001	0.000	0.001
594	5.94	5.95	0.01	5.95	23.45	23.47	0.94	0.001	0.000	0.001
595	5.95	5.96	0.01	5.96	23.45	23.97	0.94	0.001	0.000	0.001
596	5.96	5.97	0.01	5.97	23.44	24.61	0.94	0.001	0.000	0.001
597	5.97	5.98	0.01	5.98	23.43	25.66	0.94	0.001	0.000	0.001
598	5.98	5.99	0.01	5.99	23.43	26.69	0.94	0.001	0.000	0.001

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
599	5.99	6.00	0.01	6.00	23.42	27.62	0.94	0.001	0.000	0.001
600	6.00	6.01	0.01	6.01	23.41	28.11	0.94	0.001	0.000	0.001
601	6.01	6.02	0.01	6.02	23.41	28.36	0.94	0.001	0.000	0.001
602	6.02	6.03	0.01	6.03	23.40	28.44	0.94	0.001	0.000	0.001
603	6.03	6.04	0.01	6.04	23.39	28.34	0.94	0.001	0.000	0.001
604	6.04	6.05	0.01	6.05	23.39	28.09	0.94	0.001	0.000	0.001
605	6.05	6.06	0.01	6.06	23.38	27.69	0.94	0.001	0.000	0.001
606	6.06	6.07	0.01	6.07	23.37	27.18	0.93	0.001	0.000	0.001
607	6.07	6.08	0.01	6.08	23.37	26.66	0.93	0.001	0.000	0.001
608	6.08	6.09	0.01	6.09	23.36	25.65	0.93	0.001	0.000	0.001
609	6.09	6.10	0.01	6.10	23.35	24.42	0.93	0.001	0.000	0.001
610	6.10	6.11	0.01	6.11	23.35	23.08	0.93	0.001	0.000	0.001
611	6.11	6.12	0.01	6.12	23.34	22.16	0.93	0.001	0.000	0.001
612	6.12	6.13	0.01	6.13	23.33	21.20	0.93	0.001	0.000	0.001
613	6.13	6.14	0.01	6.14	23.33	20.40	0.93	0.001	0.000	0.001
614	6.14	6.15	0.01	6.15	23.32	19.70	0.93	0.001	0.000	0.001
615	6.15	6.16	0.01	6.16	23.31	19.30	0.93	0.001	0.000	0.001
616	6.16	6.17	0.01	6.17	23.31	18.82	0.93	0.001	0.000	0.001
617	6.17	6.18	0.01	6.18	23.30	18.39	0.93	0.001	0.000	0.001
618	6.18	6.19	0.01	6.19	23.29	17.96	0.93	0.001	0.000	0.001
619	6.19	6.20	0.01	6.20	23.28	17.68	0.93	0.001	0.000	0.001
620	6.20	6.21	0.01	6.21	23.28	17.37	0.93	0.001	0.000	0.001
621	6.21	6.22	0.01	6.22	23.27	17.16	0.93	0.001	0.000	0.001
622	6.22	6.23	0.01	6.23	23.26	17.01	0.93	0.001	0.000	0.001
623	6.23	6.24	0.01	6.24	23.26	17.02	0.93	0.001	0.000	0.001
624	6.24	6.25	0.01	6.25	23.25	17.07	0.93	0.001	0.000	0.001
625	6.25	6.26	0.01	6.26	23.24	17.18	0.93	0.001	0.000	0.001
626	6.26	6.27	0.01	6.27	23.24	17.31	0.93	0.001	0.000	0.001
627	6.27	6.28	0.01	6.28	23.23	17.59	0.93	0.001	0.000	0.001
628	6.28	6.29	0.01	6.29	23.22	17.90	0.93	0.001	0.000	0.001
629	6.29	6.30	0.01	6.30	23.22	18.23	0.93	0.001	0.000	0.001
630	6.30	6.31	0.01	6.31	23.21	18.48	0.93	0.001	0.000	0.001
631	6.31	6.32	0.01	6.32	23.20	18.87	0.93	0.001	0.000	0.001
632	6.32	6.33	0.01	6.33	23.19	19.30	0.93	0.001	0.000	0.001
633	6.33	6.34	0.01	6.34	23.19	19.77	0.93	0.001	0.000	0.001
634	6.34	6.35	0.01	6.35	23.18	20.33	0.93	0.001	0.000	0.001
635	6.35	6.36	0.01	6.36	23.17	20.90	0.93	0.001	0.000	0.001
636	6.36	6.37	0.01	6.37	23.17	21.46	0.93	0.001	0.000	0.001
637	6.37	6.38	0.01	6.38	23.16	21.84	0.93	0.001	0.000	0.001
638	6.38	6.39	0.01	6.39	23.15	22.16	0.93	0.001	0.000	0.001
639	6.39	6.40	0.01	6.40	23.14	22.62	0.93	0.001	0.000	0.001
640	6.40	6.41	0.01	6.41	23.14	23.08	0.93	0.001	0.000	0.001
641	6.41	6.42	0.01	6.42	23.13	23.58	0.93	0.001	0.000	0.001
642	6.42	6.43	0.01	6.43	23.12	23.89	0.92	0.001	0.000	0.001
643	6.43	6.44	0.01	6.44	23.12	24.14	0.92	0.001	0.000	0.001
644	6.44	6.45	0.01	6.45	23.11	24.33	0.92	0.001	0.000	0.001

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
645	6.45	6.46	0.01	6.46	23.10	24.45	0.92	0.001	0.000	0.001
646	6.46	6.47	0.01	6.47	23.09	24.48	0.92	0.001	0.000	0.001
647	6.47	6.48	0.01	6.48	23.09	24.65	0.92	0.001	0.000	0.001
648	6.48	6.49	0.01	6.49	23.08	24.80	0.92	0.001	0.000	0.001
649	6.49	6.50	0.01	6.50	23.07	24.90	0.92	0.001	0.000	0.001
650	6.50	6.51	0.01	6.51	23.07	24.72	0.92	0.001	0.000	0.001
651	6.51	6.52	0.01	6.52	23.06	24.56	0.92	0.001	0.000	0.001
652	6.52	6.53	0.01	6.53	23.05	24.45	0.92	0.001	0.000	0.001
653	6.53	6.54	0.01	6.54	23.04	24.43	0.92	0.001	0.000	0.001
654	6.54	6.55	0.01	6.55	23.04	24.46	0.92	0.001	0.000	0.001
655	6.55	6.56	0.01	6.56	23.03	24.62	0.92	0.001	0.000	0.001
656	6.56	6.57	0.01	6.57	23.02	24.79	0.92	0.001	0.000	0.001
657	6.57	6.58	0.01	6.58	23.01	24.94	0.92	0.001	0.000	0.001
658	6.58	6.59	0.01	6.59	23.01	25.10	0.92	0.001	0.000	0.001
659	6.59	6.60	0.01	6.60	23.00	25.23	0.92	0.001	0.000	0.001
660	6.60	6.61	0.01	6.61	22.99	25.28	0.92	0.001	0.000	0.001
661	6.61	6.62	0.01	6.62	22.99	25.15	0.92	0.001	0.000	0.001
662	6.62	6.63	0.01	6.63	22.98	24.99	0.92	0.001	0.000	0.001
663	6.63	6.64	0.01	6.64	22.97	24.79	0.92	0.001	0.000	0.001
664	6.64	6.65	0.01	6.65	22.96	24.67	0.92	0.001	0.000	0.001
665	6.65	6.66	0.01	6.66	22.96	24.54	0.92	0.001	0.000	0.001
666	6.66	6.67	0.01	6.67	22.95	24.47	0.92	0.001	0.000	0.001
667	6.67	6.68	0.01	6.68	22.94	24.38	0.92	0.001	0.000	0.001
668	6.68	6.69	0.01	6.69	22.93	24.28	0.92	0.001	0.000	0.001
669	6.69	6.70	0.01	6.70	22.93	24.18	0.92	0.001	0.000	0.001
670	6.70	6.71	0.01	6.71	22.92	23.90	0.92	0.001	0.000	0.001
671	6.71	6.72	0.01	6.72	22.91	23.55	0.92	0.001	0.000	0.001
672	6.72	6.73	0.01	6.73	22.90	23.12	0.92	0.001	0.000	0.001
673	6.73	6.74	0.01	6.74	22.90	22.82	0.92	0.001	0.000	0.001
674	6.74	6.75	0.01	6.75	22.89	22.46	0.92	0.001	0.000	0.001
675	6.75	6.76	0.01	6.76	22.88	22.14	0.92	0.001	0.000	0.001
676	6.76	6.77	0.01	6.77	22.87	21.83	0.91	0.001	0.000	0.001
677	6.77	6.78	0.01	6.78	22.87	21.51	0.91	0.001	0.000	0.001
678	6.78	6.79	0.01	6.79	22.86	21.18	0.91	0.001	0.000	0.001
679	6.79	6.80	0.01	6.80	22.85	20.85	0.91	0.001	0.000	0.001
680	6.80	6.81	0.01	6.81	22.84	20.59	0.91	0.001	0.000	0.001
681	6.81	6.82	0.01	6.82	22.84	20.30	0.91	0.001	0.000	0.001
682	6.82	6.83	0.01	6.83	22.83	20.05	0.91	0.001	0.000	0.001
683	6.83	6.84	0.01	6.84	22.82	19.90	0.91	0.001	0.000	0.001
684	6.84	6.85	0.01	6.85	22.81	19.92	0.91	0.001	0.000	0.001
685	6.85	6.86	0.01	6.86	22.80	20.03	0.91	0.001	0.000	0.001
686	6.86	6.87	0.01	6.87	22.80	20.23	0.91	0.001	0.000	0.001
687	6.87	6.88	0.01	6.88	22.79	20.52	0.91	0.001	0.000	0.001
688	6.88	6.89	0.01	6.89	22.78	20.92	0.91	0.001	0.000	0.001
689	6.89	6.90	0.01	6.90	22.77	21.62	0.91	0.001	0.000	0.001
690	6.90	6.91	0.01	6.91	22.77	22.32	0.91	0.001	0.000	0.001

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
691	6.91	6.92	0.01	6.92	22.76	22.92	0.91	0.001	0.000	0.001
692	6.92	6.93	0.01	6.93	22.75	23.21	0.91	0.001	0.000	0.001
693	6.93	6.94	0.01	6.94	22.74	23.41	0.91	0.001	0.000	0.001
694	6.94	6.95	0.01	6.95	22.74	23.44	0.91	0.001	0.000	0.001
695	6.95	6.96	0.01	6.96	22.73	23.19	0.91	0.001	0.000	0.001
696	6.96	6.97	0.01	6.97	22.72	22.24	0.91	0.001	0.000	0.001
697	6.97	6.98	0.01	6.98	22.71	20.99	0.91	0.001	0.000	0.001
698	6.98	6.99	0.01	6.99	22.70	19.57	0.91	0.001	0.000	0.001
699	6.99	7.00	0.01	7.00	22.70	18.42	0.91	0.001	0.000	0.001
700	7.00	7.01	0.01	7.01	22.69	17.14	0.91	0.001	0.000	0.001
701	7.01	7.02	0.01	7.02	22.68	16.06	0.91	0.001	0.000	0.001
702	7.02	7.03	0.01	7.03	22.67	15.24	0.91	0.001	0.000	0.001
703	7.03	7.04	0.01	7.04	22.67	14.90	0.91	0.002	0.000	0.002
704	7.04	7.05	0.01	7.05	22.66	14.70	0.91	0.002	0.000	0.002
705	7.05	7.06	0.01	7.06	22.65	14.73	0.91	0.002	0.000	0.002
706	7.06	7.07	0.01	7.07	22.64	14.92	0.91	0.002	0.000	0.002
707	7.07	7.08	0.01	7.08	22.63	15.41	0.91	0.001	0.000	0.001
708	7.08	7.09	0.01	7.09	22.63	15.94	0.91	0.001	0.000	0.001
709	7.09	7.10	0.01	7.10	22.62	16.50	0.90	0.001	0.000	0.001
710	7.10	7.11	0.01	7.11	22.61	16.97	0.90	0.001	0.000	0.001
711	7.11	7.12	0.01	7.12	22.60	17.54	0.90	0.001	0.000	0.001
712	7.12	7.13	0.01	7.13	22.59	18.04	0.90	0.001	0.000	0.001
713	7.13	7.14	0.01	7.14	22.59	18.55	0.90	0.001	0.000	0.001
714	7.14	7.15	0.01	7.15	22.58	19.05	0.90	0.001	0.000	0.001
715	7.15	7.16	0.01	7.16	22.57	19.81	0.90	0.001	0.000	0.001
716	7.16	7.17	0.01	7.17	22.56	20.41	0.90	0.001	0.000	0.001
717	7.17	7.18	0.01	7.18	22.55	20.68	0.90	0.001	0.000	0.001
718	7.18	7.19	0.01	7.19	22.55	20.51	0.90	0.001	0.000	0.001
719	7.19	7.20	0.01	7.20	22.54	19.79	0.90	0.001	0.000	0.001
720	7.20	7.21	0.01	7.21	22.53	18.73	0.90	0.001	0.000	0.001
721	7.21	7.22	0.01	7.22	22.52	17.46	0.90	0.001	0.000	0.001
722	7.22	7.23	0.01	7.23	22.51	16.39	0.90	0.001	0.000	0.001
723	7.23	7.24	0.01	7.24	22.51	15.45	0.90	0.001	0.000	0.001
724	7.24	7.25	0.01	7.25	22.50	14.63	0.90	0.002	0.000	0.002
725	7.25	7.26	0.01	7.26	22.49	14.00	0.90	0.002	0.000	0.002
726	7.26	7.27	0.01	7.27	22.48	13.53	0.90	0.002	0.000	0.002
727	7.27	7.28	0.01	7.28	22.47	13.19	0.90	0.002	0.000	0.002
728	7.28	7.29	0.01	7.29	22.47	12.95	0.90	0.002	0.000	0.002
729	7.29	7.30	0.01	7.30	22.46	12.92	0.90	0.002	0.000	0.002
730	7.30	7.31	0.01	7.31	22.45	12.88	0.90	0.002	0.000	0.002
731	7.31	7.32	0.01	7.32	22.44	12.89	0.90	0.002	0.000	0.002
732	7.32	7.33	0.01	7.33	22.43	12.83	0.90	0.002	0.000	0.002
733	7.33	7.34	0.01	7.34	22.42	12.80	0.90	0.002	0.000	0.002
734	7.34	7.35	0.01	7.35	22.42	13.17	0.90	0.002	0.000	0.002
735	7.35	7.36	0.01	7.36	22.41	13.76	0.90	0.002	0.000	0.002
736	7.36	7.37	0.01	7.37	22.40	14.14	0.90	0.002	0.000	0.002

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
737	7.37	7.38	0.01	7.38	22.39	14.34	0.90	0.002	0.000	0.002
738	7.38	7.39	0.01	7.39	22.38	14.36	0.90	0.002	0.000	0.002
739	7.39	7.40	0.01	7.40	22.38	14.20	0.90	0.002	0.000	0.002
740	7.40	7.41	0.01	7.41	22.37	13.56	0.89	0.002	0.000	0.002
741	7.41	7.42	0.01	7.42	22.36	12.77	0.89	0.002	0.000	0.002
742	7.42	7.43	0.01	7.43	22.35	12.24	0.89	0.002	0.000	0.002
743	7.43	7.44	0.01	7.44	22.34	11.86	0.89	0.002	0.000	0.002
744	7.44	7.45	0.01	7.45	22.33	11.60	0.89	0.002	0.000	0.002
745	7.45	7.46	0.01	7.46	22.33	11.37	0.89	0.002	0.000	0.002
746	7.46	7.47	0.01	7.47	22.32	7.89	0.89	0.003	0.000	0.003
747	7.47	7.48	0.01	7.48	22.31	7.69	0.89	0.003	0.000	0.003
748	7.48	7.49	0.01	7.49	22.30	7.70	0.89	0.003	0.000	0.003
749	7.49	7.50	0.01	7.50	22.29	10.95	0.89	0.002	0.000	0.002
750	7.50	7.51	0.01	7.51	22.28	11.17	0.89	0.002	0.000	0.002
751	7.51	7.52	0.01	7.52	22.28	11.37	0.89	0.002	0.000	0.002
752	7.52	7.53	0.01	7.53	22.27	11.69	0.89	0.002	0.000	0.002
753	7.53	7.54	0.01	7.54	22.26	12.01	0.89	0.002	0.000	0.002
754	7.54	7.55	0.01	7.55	22.25	12.40	0.89	0.002	0.000	0.002
755	7.55	7.56	0.01	7.56	22.24	12.76	0.89	0.002	0.000	0.002
756	7.56	7.57	0.01	7.57	22.23	13.15	0.89	0.002	0.000	0.002
757	7.57	7.58	0.01	7.58	22.23	13.58	0.89	0.002	0.000	0.002
758	7.58	7.59	0.01	7.59	22.22	14.14	0.89	0.002	0.000	0.002
759	7.59	7.60	0.01	7.60	22.21	14.54	0.89	0.002	0.000	0.002
760	7.60	7.61	0.01	7.61	22.20	15.16	0.89	0.001	0.000	0.001
761	7.61	7.62	0.01	7.62	22.19	15.81	0.89	0.001	0.000	0.001
762	7.62	7.63	0.01	7.63	22.18	16.50	0.89	0.001	0.000	0.001
763	7.63	7.64	0.01	7.64	22.18	17.16	0.89	0.001	0.000	0.001
764	7.64	7.65	0.01	7.65	22.17	17.68	0.89	0.001	0.000	0.001
765	7.65	7.66	0.01	7.66	22.16	17.93	0.89	0.001	0.000	0.001
766	7.66	7.67	0.01	7.67	22.15	17.53	0.89	0.001	0.000	0.001
767	7.67	7.68	0.01	7.68	22.14	16.99	0.89	0.001	0.000	0.001
768	7.68	7.69	0.01	7.69	22.13	16.38	0.89	0.001	0.000	0.001
769	7.69	7.70	0.01	7.70	22.13	15.92	0.89	0.001	0.000	0.001
770	7.70	7.71	0.01	7.71	22.12	15.43	0.88	0.001	0.000	0.001
771	7.71	7.72	0.01	7.72	22.11	14.79	0.88	0.001	0.000	0.001
772	7.72	7.73	0.01	7.73	22.10	14.18	0.88	0.002	0.000	0.002
773	7.73	7.74	0.01	7.74	22.09	13.19	0.88	0.002	0.000	0.002
774	7.74	7.75	0.01	7.75	22.08	12.72	0.88	0.002	0.000	0.002
775	7.75	7.76	0.01	7.76	22.07	12.56	0.88	0.002	0.000	0.002
776	7.76	7.77	0.01	7.77	22.07	12.75	0.88	0.002	0.000	0.002
777	7.77	7.78	0.01	7.78	22.06	13.88	0.88	0.002	0.000	0.002
778	7.78	7.79	0.01	7.79	22.05	14.97	0.88	0.001	0.000	0.001
779	7.79	7.80	0.01	7.80	22.04	16.15	0.88	0.001	0.000	0.001
780	7.80	7.81	0.01	7.81	22.03	17.36	0.88	0.001	0.000	0.001
781	7.81	7.82	0.01	7.82	22.02	19.23	0.88	0.001	0.000	0.001
782	7.82	7.83	0.01	7.83	22.01	21.49	0.88	0.001	0.000	0.001

:: Tabular results ::

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783	7.83	7.84	0.01	7.84	22.01	23.86	0.88	0.001	0.000	0.001
784	7.84	7.85	0.01	7.85	22.00	26.79	0.88	0.001	0.000	0.001
785	7.85	7.86	0.01	7.86	21.99	29.69	0.88	0.001	0.000	0.001
786	7.86	7.87	0.01	7.87	21.98	32.45	0.88	0.001	0.000	0.001
787	7.87	7.88	0.01	7.88	21.97	34.43	0.88	0.001	0.000	0.001
788	7.88	7.89	0.01	7.89	21.96	35.90	0.88	0.001	0.000	0.001
789	7.89	7.90	0.01	7.90	21.95	37.03	0.88	0.001	0.000	0.001
790	7.90	7.91	0.01	7.91	21.95	37.42	0.88	0.001	0.000	0.001
791	7.91	7.92	0.01	7.92	21.94	36.81	0.88	0.001	0.000	0.001
792	7.92	7.93	0.01	7.93	21.93	35.76	0.88	0.001	0.000	0.001
793	7.93	7.94	0.01	7.94	21.92	34.44	0.88	0.001	0.000	0.001
794	7.94	7.95	0.01	7.95	21.91	33.89	0.88	0.001	0.000	0.001
795	7.95	7.96	0.01	7.96	21.90	34.39	0.88	0.001	0.000	0.001
796	7.96	7.97	0.01	7.97	21.89	35.60	0.88	0.001	0.000	0.001
797	7.97	7.98	0.01	7.98	21.88	37.30	0.88	0.001	0.000	0.001
798	7.98	7.99	0.01	7.99	21.88	37.63	0.88	0.001	0.000	0.001
799	7.99	8.00	0.01	8.00	21.87	36.33	0.87	0.001	0.000	0.001
800	8.00	8.01	0.01	8.01	21.86	33.27	0.87	0.001	0.000	0.001
801	8.01	8.02	0.01	8.02	21.85	28.88	0.87	0.001	0.000	0.001
802	8.02	8.03	0.01	8.03	21.84	24.90	0.87	0.001	0.000	0.001
803	8.03	8.04	0.01	8.04	21.83	21.62	0.87	0.001	0.000	0.001
804	8.04	8.05	0.01	8.05	21.82	19.88	0.87	0.001	0.000	0.001
805	8.05	8.06	0.01	8.06	21.81	18.03	0.87	0.001	0.000	0.001
806	8.06	8.07	0.01	8.07	21.81	16.47	0.87	0.001	0.000	0.001
807	8.07	8.08	0.01	8.08	21.80	15.41	0.87	0.001	0.000	0.001
808	8.08	8.09	0.01	8.09	21.79	15.63	0.87	0.001	0.000	0.001
809	8.09	8.10	0.01	8.10	21.78	16.45	0.87	0.001	0.000	0.001
810	8.10	8.11	0.01	8.11	21.77	17.63	0.87	0.001	0.000	0.001
811	8.11	8.12	0.01	8.12	21.76	18.48	0.87	0.001	0.000	0.001
812	8.12	8.13	0.01	8.13	21.75	18.92	0.87	0.001	0.000	0.001
813	8.13	8.14	0.01	8.14	21.74	18.94	0.87	0.001	0.000	0.001
814	8.14	8.15	0.01	8.15	21.73	18.63	0.87	0.001	0.000	0.001
815	8.15	8.16	0.01	8.16	21.73	17.75	0.87	0.001	0.000	0.001
816	8.16	8.17	0.01	8.17	21.72	16.69	0.87	0.001	0.000	0.001
817	8.17	8.18	0.01	8.18	21.71	15.65	0.87	0.001	0.000	0.001
818	8.18	8.19	0.01	8.19	21.70	15.29	0.87	0.001	0.000	0.001
819	8.19	8.20	0.01	8.20	21.69	15.41	0.87	0.001	0.000	0.001
820	8.20	8.21	0.01	8.21	21.68	15.94	0.87	0.001	0.000	0.001
821	8.21	8.22	0.01	8.22	21.67	16.40	0.87	0.001	0.000	0.001
822	8.22	8.23	0.01	8.23	21.66	16.52	0.87	0.001	0.000	0.001
823	8.23	8.24	0.01	8.24	21.65	16.20	0.87	0.001	0.000	0.001
824	8.24	8.25	0.01	8.25	21.65	15.74	0.87	0.001	0.000	0.001
825	8.25	8.26	0.01	8.26	21.64	15.30	0.87	0.001	0.000	0.001
826	8.26	8.27	0.01	8.27	21.63	14.80	0.87	0.001	0.000	0.001
827	8.27	8.28	0.01	8.28	21.62	14.03	0.86	0.002	0.000	0.002
828	8.28	8.29	0.01	8.29	21.61	13.68	0.86	0.002	0.000	0.002

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
829	8.29	8.30	0.01	8.30	21.60	14.25	0.86	0.002	0.000	0.002
830	8.30	8.31	0.01	8.31	21.59	15.09	0.86	0.001	0.000	0.001
831	8.31	8.32	0.01	8.32	21.58	15.60	0.86	0.001	0.000	0.001
832	8.32	8.33	0.01	8.33	21.57	16.30	0.86	0.001	0.000	0.001
833	8.33	8.34	0.01	8.34	21.57	17.23	0.86	0.001	0.000	0.001
834	8.34	8.35	0.01	8.35	21.56	18.29	0.86	0.001	0.000	0.001
835	8.35	8.36	0.01	8.36	21.55	18.88	0.86	0.001	0.000	0.001
836	8.36	8.37	0.01	8.37	21.54	18.99	0.86	0.001	0.000	0.001
837	8.37	8.38	0.01	8.38	21.53	18.55	0.86	0.001	0.000	0.001
838	8.38	8.39	0.01	8.39	21.52	17.80	0.86	0.001	0.000	0.001
839	8.39	8.40	0.01	8.40	21.51	16.91	0.86	0.001	0.000	0.001
840	8.40	8.41	0.01	8.41	21.50	16.19	0.86	0.001	0.000	0.001
841	8.41	8.42	0.01	8.42	21.49	15.63	0.86	0.001	0.000	0.001
842	8.42	8.43	0.01	8.43	21.48	15.46	0.86	0.001	0.000	0.001
843	8.43	8.44	0.01	8.44	21.48	15.50	0.86	0.001	0.000	0.001
844	8.44	8.45	0.01	8.45	21.47	15.79	0.86	0.001	0.000	0.001
845	8.45	8.46	0.01	8.46	21.46	16.16	0.86	0.001	0.000	0.001
846	8.46	8.47	0.01	8.47	21.45	12.36	0.86	0.002	0.000	0.002
847	8.47	8.48	0.01	8.48	21.44	14.12	0.86	0.002	0.000	0.002
848	8.48	8.49	0.01	8.49	21.43	15.55	0.86	0.001	0.000	0.001
849	8.49	8.50	0.01	8.50	21.42	19.32	0.86	0.001	0.000	0.001
850	8.50	8.51	0.01	8.51	21.41	19.66	0.86	0.001	0.000	0.001
851	8.51	8.52	0.01	8.52	21.40	20.14	0.86	0.001	0.000	0.001
852	8.52	8.53	0.01	8.53	21.39	20.66	0.86	0.001	0.000	0.001
853	8.53	8.54	0.01	8.54	21.38	21.26	0.86	0.001	0.000	0.001
854	8.54	8.55	0.01	8.55	21.37	21.79	0.85	0.001	0.000	0.001
855	8.55	8.56	0.01	8.56	21.37	21.99	0.85	0.001	0.000	0.001
856	8.56	8.57	0.01	8.57	21.36	21.37	0.85	0.001	0.000	0.001
857	8.57	8.58	0.01	8.58	21.35	20.45	0.85	0.001	0.000	0.001
858	8.58	8.59	0.01	8.59	21.34	19.52	0.85	0.001	0.000	0.001
859	8.59	8.60	0.01	8.60	21.33	19.05	0.85	0.001	0.000	0.001
860	8.60	8.61	0.01	8.61	21.32	18.68	0.85	0.001	0.000	0.001
861	8.61	8.62	0.01	8.62	21.31	18.37	0.85	0.001	0.000	0.001
862	8.62	8.63	0.01	8.63	21.30	17.90	0.85	0.001	0.000	0.001
863	8.63	8.64	0.01	8.64	21.29	17.31	0.85	0.001	0.000	0.001
864	8.64	8.65	0.01	8.65	21.28	16.70	0.85	0.001	0.000	0.001
865	8.65	8.66	0.01	8.66	21.27	16.43	0.85	0.001	0.000	0.001
866	8.66	8.67	0.01	8.67	21.26	16.63	0.85	0.001	0.000	0.001
867	8.67	8.68	0.01	8.68	21.26	17.24	0.85	0.001	0.000	0.001
868	8.68	8.69	0.01	8.69	21.25	18.43	0.85	0.001	0.000	0.001
869	8.69	8.70	0.01	8.70	21.24	19.49	0.85	0.001	0.000	0.001
870	8.70	8.71	0.01	8.71	21.23	20.13	0.85	0.001	0.000	0.001
871	8.71	8.72	0.01	8.72	21.22	20.03	0.85	0.001	0.000	0.001
872	8.72	8.73	0.01	8.73	21.21	19.64	0.85	0.001	0.000	0.001
873	8.73	8.74	0.01	8.74	21.20	19.30	0.85	0.001	0.000	0.001
874	8.74	8.75	0.01	8.75	21.19	19.12	0.85	0.001	0.000	0.001

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
875	8.75	8.76	0.01	8.76	21.18	19.22	0.85	0.001	0.000	0.001
876	8.76	8.77	0.01	8.77	21.17	19.57	0.85	0.001	0.000	0.001
877	8.77	8.78	0.01	8.78	21.16	20.04	0.85	0.001	0.000	0.001
878	8.78	8.79	0.01	8.79	21.15	20.59	0.85	0.001	0.000	0.001
879	8.79	8.80	0.01	8.80	21.14	21.11	0.85	0.001	0.000	0.001
880	8.80	8.81	0.01	8.81	21.14	21.40	0.85	0.001	0.000	0.001
881	8.81	8.82	0.01	8.82	21.13	21.23	0.85	0.001	0.000	0.001
882	8.82	8.83	0.01	8.83	21.12	20.18	0.84	0.001	0.000	0.001
883	8.83	8.84	0.01	8.84	21.11	18.99	0.84	0.001	0.000	0.001
884	8.84	8.85	0.01	8.85	21.10	17.82	0.84	0.001	0.000	0.001
885	8.85	8.86	0.01	8.86	21.09	17.26	0.84	0.001	0.000	0.001
886	8.86	8.87	0.01	8.87	21.08	16.93	0.84	0.001	0.000	0.001
887	8.87	8.88	0.01	8.88	21.07	16.92	0.84	0.001	0.000	0.001
888	8.88	8.89	0.01	8.89	21.06	17.27	0.84	0.001	0.000	0.001
889	8.89	8.90	0.01	8.90	21.05	17.61	0.84	0.001	0.000	0.001
890	8.90	8.91	0.01	8.91	21.04	17.85	0.84	0.001	0.000	0.001
891	8.91	8.92	0.01	8.92	21.03	17.70	0.84	0.001	0.000	0.001
892	8.92	8.93	0.01	8.93	21.02	16.91	0.84	0.001	0.000	0.001
893	8.93	8.94	0.01	8.94	21.01	15.67	0.84	0.001	0.000	0.001
894	8.94	8.95	0.01	8.95	21.00	13.80	0.84	0.002	0.000	0.002
895	8.95	8.96	0.01	8.96	21.00	12.54	0.84	0.002	0.000	0.002
896	8.96	8.97	0.01	8.97	20.99	11.64	0.84	0.002	0.000	0.002
897	8.97	8.98	0.01	8.98	20.98	11.00	0.84	0.002	0.000	0.002
898	8.98	8.99	0.01	8.99	20.97	10.98	0.84	0.002	0.000	0.002
899	8.99	9.00	0.01	9.00	20.96	11.15	0.84	0.002	0.000	0.002
900	9.00	9.01	0.01	9.01	20.95	11.48	0.84	0.002	0.000	0.002
901	9.01	9.02	0.01	9.02	20.94	11.93	0.84	0.002	0.000	0.002
902	9.02	9.03	0.01	9.03	20.93	12.50	0.84	0.002	0.000	0.002
903	9.03	9.04	0.01	9.04	20.92	12.95	0.84	0.002	0.000	0.002
904	9.04	9.05	0.01	9.05	20.91	13.33	0.84	0.002	0.000	0.002
905	9.05	9.06	0.01	9.06	20.90	13.29	0.84	0.002	0.000	0.002
906	9.06	9.07	0.01	9.07	20.89	12.94	0.84	0.002	0.000	0.002
907	9.07	9.08	0.01	9.08	20.88	12.36	0.84	0.002	0.000	0.002
908	9.08	9.09	0.01	9.09	20.87	12.17	0.83	0.002	0.000	0.002
909	9.09	9.10	0.01	9.10	20.86	12.31	0.83	0.002	0.000	0.002
910	9.10	9.11	0.01	9.11	20.85	12.89	0.83	0.002	0.000	0.002
911	9.11	9.12	0.01	9.12	20.85	13.98	0.83	0.001	0.000	0.001
912	9.12	9.13	0.01	9.13	20.84	15.27	0.83	0.001	0.000	0.001
913	9.13	9.14	0.01	9.14	20.83	16.61	0.83	0.001	0.000	0.001
914	9.14	9.15	0.01	9.15	20.82	17.10	0.83	0.001	0.000	0.001
915	9.15	9.16	0.01	9.16	20.81	17.85	0.83	0.001	0.000	0.001
916	9.16	9.17	0.01	9.17	20.80	18.68	0.83	0.001	0.000	0.001
917	9.17	9.18	0.01	9.18	20.79	19.37	0.83	0.001	0.000	0.001
918	9.18	9.19	0.01	9.19	20.78	19.56	0.83	0.001	0.000	0.001
919	9.19	9.20	0.01	9.20	20.77	19.44	0.83	0.001	0.000	0.001
920	9.20	9.21	0.01	9.21	20.76	19.27	0.83	0.001	0.000	0.001

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
921	9.21	9.22	0.01	9.22	20.75	19.09	0.83	0.001	0.000	0.001
922	9.22	9.23	0.01	9.23	20.74	18.82	0.83	0.001	0.000	0.001
923	9.23	9.24	0.01	9.24	20.73	18.40	0.83	0.001	0.000	0.001
924	9.24	9.25	0.01	9.25	20.72	18.09	0.83	0.001	0.000	0.001
925	9.25	9.26	0.01	9.26	20.71	17.90	0.83	0.001	0.000	0.001
926	9.26	9.27	0.01	9.27	20.70	17.40	0.83	0.001	0.000	0.001
927	9.27	9.28	0.01	9.28	20.69	16.74	0.83	0.001	0.000	0.001
928	9.28	9.29	0.01	9.29	20.68	15.39	0.83	0.001	0.000	0.001
929	9.29	9.30	0.01	9.30	20.67	14.86	0.83	0.001	0.000	0.001
930	9.30	9.31	0.01	9.31	20.66	14.62	0.83	0.001	0.000	0.001
931	9.31	9.32	0.01	9.32	20.66	14.93	0.83	0.001	0.000	0.001
932	9.32	9.33	0.01	9.33	20.65	15.42	0.83	0.001	0.000	0.001
933	9.33	9.34	0.01	9.34	20.64	16.15	0.83	0.001	0.000	0.001
934	9.34	9.35	0.01	9.35	20.63	16.78	0.83	0.001	0.000	0.001
935	9.35	9.36	0.01	9.36	20.62	17.14	0.82	0.001	0.000	0.001
936	9.36	9.37	0.01	9.37	20.61	17.38	0.82	0.001	0.000	0.001
937	9.37	9.38	0.01	9.38	20.60	17.58	0.82	0.001	0.000	0.001
938	9.38	9.39	0.01	9.39	20.59	17.63	0.82	0.001	0.000	0.001
939	9.39	9.40	0.01	9.40	20.58	17.54	0.82	0.001	0.000	0.001
940	9.40	9.41	0.01	9.41	20.57	17.25	0.82	0.001	0.000	0.001
941	9.41	9.42	0.01	9.42	20.56	17.14	0.82	0.001	0.000	0.001
942	9.42	9.43	0.01	9.43	20.55	17.14	0.82	0.001	0.000	0.001
943	9.43	9.44	0.01	9.44	20.54	17.38	0.82	0.001	0.000	0.001
944	9.44	9.45	0.01	9.45	20.53	17.77	0.82	0.001	0.000	0.001
945	9.45	9.46	0.01	9.46	20.52	18.18	0.82	0.001	0.000	0.001
946	9.46	9.47	0.01	9.47	20.51	14.65	0.82	0.001	0.000	0.001
947	9.47	9.48	0.01	9.48	20.50	16.16	0.82	0.001	0.000	0.001
948	9.48	9.49	0.01	9.49	20.49	17.22	0.82	0.001	0.000	0.001
949	9.49	9.50	0.01	9.50	20.48	20.63	0.82	0.001	0.000	0.001
950	9.50	9.51	0.01	9.51	20.47	20.59	0.82	0.001	0.000	0.001
951	9.51	9.52	0.01	9.52	20.46	20.39	0.82	0.001	0.000	0.001
952	9.52	9.53	0.01	9.53	20.45	19.85	0.82	0.001	0.000	0.001
953	9.53	9.54	0.01	9.54	20.44	18.93	0.82	0.001	0.000	0.001
954	9.54	9.55	0.01	9.55	20.43	17.79	0.82	0.001	0.000	0.001
955	9.55	9.56	0.01	9.56	20.42	16.24	0.82	0.001	0.000	0.001
956	9.56	9.57	0.01	9.57	20.42	14.29	0.82	0.001	0.000	0.001
957	9.57	9.58	0.01	9.58	20.41	13.09	0.82	0.002	0.000	0.002
958	9.58	9.59	0.01	9.59	20.40	12.39	0.82	0.002	0.000	0.002
959	9.59	9.60	0.01	9.60	20.39	12.34	0.82	0.002	0.000	0.002
960	9.60	9.61	0.01	9.61	20.38	12.68	0.82	0.002	0.000	0.002
961	9.61	9.62	0.01	9.62	20.37	13.04	0.81	0.002	0.000	0.002
962	9.62	9.63	0.01	9.63	20.36	13.61	0.81	0.001	0.000	0.001
963	9.63	9.64	0.01	9.64	20.35	14.34	0.81	0.001	0.000	0.001
964	9.64	9.65	0.01	9.65	20.34	15.61	0.81	0.001	0.000	0.001
965	9.65	9.66	0.01	9.66	20.33	17.99	0.81	0.001	0.000	0.001
966	9.66	9.67	0.01	9.67	20.32	20.22	0.81	0.001	0.000	0.001

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
967	9.67	9.68	0.01	9.68	20.31	22.96	0.81	0.001	0.000	0.001
968	9.68	9.69	0.01	9.69	20.30	25.64	0.81	0.001	0.000	0.001
969	9.69	9.70	0.01	9.70	20.29	28.19	0.81	0.001	0.000	0.001
970	9.70	9.71	0.01	9.71	20.28	29.82	0.81	0.001	0.000	0.001
971	9.71	9.72	0.01	9.72	20.27	30.44	0.81	0.001	0.000	0.001
972	9.72	9.73	0.01	9.73	20.26	30.03	0.81	0.001	0.000	0.001
973	9.73	9.74	0.01	9.74	20.25	29.45	0.81	0.001	0.000	0.001
974	9.74	9.75	0.01	9.75	20.24	28.97	0.81	0.001	0.000	0.001
975	9.75	9.76	0.01	9.76	20.23	28.74	0.81	0.001	0.000	0.001
976	9.76	9.77	0.01	9.77	20.22	28.87	0.81	0.001	0.000	0.001
977	9.77	9.78	0.01	9.78	20.21	29.00	0.81	0.001	0.000	0.001
978	9.78	9.79	0.01	9.79	20.20	28.84	0.81	0.001	0.000	0.001
979	9.79	9.80	0.01	9.80	20.19	28.11	0.81	0.001	0.000	0.001
980	9.80	9.81	0.01	9.81	20.18	27.20	0.81	0.001	0.000	0.001
981	9.81	9.82	0.01	9.82	20.17	26.33	0.81	0.001	0.000	0.001
982	9.82	9.83	0.01	9.83	20.16	25.69	0.81	0.001	0.000	0.001
983	9.83	9.84	0.01	9.84	20.15	25.40	0.81	0.001	0.000	0.001
984	9.84	9.85	0.01	9.85	20.14	25.47	0.81	0.001	0.000	0.001
985	9.85	9.86	0.01	9.86	20.13	25.58	0.81	0.001	0.000	0.001
986	9.86	9.87	0.01	9.87	20.12	25.44	0.80	0.001	0.000	0.001
987	9.87	9.88	0.01	9.88	20.11	25.21	0.80	0.001	0.000	0.001
988	9.88	9.89	0.01	9.89	20.11	25.24	0.80	0.001	0.000	0.001
989	9.89	9.90	0.01	9.90	20.10	25.40	0.80	0.001	0.000	0.001
990	9.90	9.91	0.01	9.91	20.09	25.33	0.80	0.001	0.000	0.001
991	9.91	9.92	0.01	9.92	20.08	24.77	0.80	0.001	0.000	0.001
992	9.92	9.93	0.01	9.93	20.07	23.86	0.80	0.001	0.000	0.001
993	9.93	9.94	0.01	9.94	20.06	23.10	0.80	0.001	0.000	0.001
994	9.94	9.95	0.01	9.95	20.05	22.68	0.80	0.001	0.000	0.001
995	9.95	9.96	0.01	9.96	20.04	22.77	0.80	0.001	0.000	0.001
996	9.96	9.97	0.01	9.97	20.03	23.02	0.80	0.001	0.000	0.001
997	9.97	9.98	0.01	9.98	20.02	23.28	0.80	0.001	0.000	0.001
998	9.98	9.99	0.01	9.99	20.01	23.48	0.80	0.001	0.000	0.001
999	9.99	10.00	0.01	10.00	20.00	23.45	0.80	0.001	0.000	0.001
1000	10.00	10.01	0.01	10.01	19.99	23.13	0.80	0.001	0.000	0.001
1001	10.01	10.02	0.01	10.02	19.98	22.61	0.80	0.001	0.000	0.001
1002	10.02	10.03	0.01	10.03	19.97	22.15	0.80	0.001	0.000	0.001
1003	10.03	10.04	0.01	10.04	19.96	21.89	0.80	0.001	0.000	0.001
1004	10.04	10.05	0.01	10.05	19.95	21.87	0.80	0.001	0.000	0.001
1005	10.05	10.06	0.01	10.06	19.94	22.55	0.80	0.001	0.000	0.001
1006	10.06	10.07	0.01	10.07	19.93	23.55	0.80	0.001	0.000	0.001
1007	10.07	10.08	0.01	10.08	19.92	24.65	0.80	0.001	0.000	0.001
1008	10.08	10.09	0.01	10.09	19.91	25.26	0.80	0.001	0.000	0.001
1009	10.09	10.10	0.01	10.10	19.90	25.54	0.80	0.001	0.000	0.001
1010	10.10	10.11	0.01	10.11	19.89	25.46	0.80	0.001	0.000	0.001
1011	10.11	10.12	0.01	10.12	19.88	25.21	0.80	0.001	0.000	0.001
1012	10.12	10.13	0.01	10.13	19.87	24.98	0.79	0.001	0.000	0.001

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1013	10.13	10.14	0.01	10.14	19.86	24.91	0.79	0.001	0.000	0.001
1014	10.14	10.15	0.01	10.15	19.85	25.14	0.79	0.001	0.000	0.001
1015	10.15	10.16	0.01	10.16	19.84	25.39	0.79	0.001	0.000	0.001
1016	10.16	10.17	0.01	10.17	19.83	25.39	0.79	0.001	0.000	0.001
1017	10.17	10.18	0.01	10.18	19.82	24.92	0.79	0.001	0.000	0.001
1018	10.18	10.19	0.01	10.19	19.81	24.38	0.79	0.001	0.000	0.001
1019	10.19	10.20	0.01	10.20	19.80	24.17	0.79	0.001	0.000	0.001
1020	10.20	10.21	0.01	10.21	19.79	23.69	0.79	0.001	0.000	0.001
1021	10.21	10.22	0.01	10.22	19.78	22.39	0.79	0.001	0.000	0.001
1022	10.22	10.23	0.01	10.23	19.77	20.25	0.79	0.001	0.000	0.001
1023	10.23	10.24	0.01	10.24	19.76	17.56	0.79	0.001	0.000	0.001
1024	10.24	10.25	0.01	10.25	19.75	14.30	0.79	0.001	0.000	0.001
1025	10.25	10.26	0.01	10.26	19.74	12.36	0.79	0.002	0.000	0.002
1026	10.26	10.27	0.01	10.27	19.73	11.80	0.79	0.002	0.000	0.002
1027	10.27	10.28	0.01	10.28	19.72	12.15	0.79	0.002	0.000	0.002
1028	10.28	10.29	0.01	10.29	19.71	13.15	0.79	0.001	0.000	0.001
1029	10.29	10.30	0.01	10.30	19.70	14.53	0.79	0.001	0.000	0.001
1030	10.30	10.31	0.01	10.31	19.69	16.48	0.79	0.001	0.000	0.001
1031	10.31	10.32	0.01	10.32	19.68	18.90	0.79	0.001	0.000	0.001
1032	10.32	10.33	0.01	10.33	19.67	20.49	0.79	0.001	0.000	0.001
1033	10.33	10.34	0.01	10.34	19.66	22.25	0.79	0.001	0.000	0.001
1034	10.34	10.35	0.01	10.35	19.65	24.45	0.79	0.001	0.000	0.001
1035	10.35	10.36	0.01	10.36	19.64	25.75	0.79	0.001	0.000	0.001
1036	10.36	10.37	0.01	10.37	19.63	25.60	0.79	0.001	0.000	0.001
1037	10.37	10.38	0.01	10.38	19.62	23.64	0.78	0.001	0.000	0.001
1038	10.38	10.39	0.01	10.39	19.61	21.53	0.78	0.001	0.000	0.001
1039	10.39	10.40	0.01	10.40	19.60	19.95	0.78	0.001	0.000	0.001
1040	10.40	10.41	0.01	10.41	19.60	18.98	0.78	0.001	0.000	0.001
1041	10.41	10.42	0.01	10.42	19.59	18.85	0.78	0.001	0.000	0.001
1042	10.42	10.43	0.01	10.43	19.58	19.79	0.78	0.001	0.000	0.001
1043	10.43	10.44	0.01	10.44	19.57	21.40	0.78	0.001	0.000	0.001
1044	10.44	10.45	0.01	10.45	19.56	23.04	0.78	0.001	0.000	0.001
1045	10.45	10.46	0.01	10.46	19.55	21.01	0.78	0.001	0.000	0.001
1046	10.46	10.47	0.01	10.47	19.54	22.36	0.78	0.001	0.000	0.001
1047	10.47	10.48	0.01	10.48	19.53	22.72	0.78	0.001	0.000	0.001
1048	10.48	10.49	0.01	10.49	19.52	25.73	0.78	0.001	0.000	0.001
1049	10.49	10.50	0.01	10.50	19.51	24.72	0.78	0.001	0.000	0.001
1050	10.50	10.51	0.01	10.51	19.50	24.21	0.78	0.001	0.000	0.001
1051	10.51	10.52	0.01	10.52	19.49	24.15	0.78	0.001	0.000	0.001
1052	10.52	10.53	0.01	10.53	19.48	24.64	0.78	0.001	0.000	0.001
1053	10.53	10.54	0.01	10.54	19.47	25.92	0.78	0.001	0.000	0.001
1054	10.54	10.55	0.01	10.55	19.46	26.86	0.78	0.001	0.000	0.001
1055	10.55	10.56	0.01	10.56	19.45	27.13	0.78	0.001	0.000	0.001
1056	10.56	10.57	0.01	10.57	19.44	26.64	0.78	0.001	0.000	0.001
1057	10.57	10.58	0.01	10.58	19.43	26.21	0.78	0.001	0.000	0.001

:: Tabular results ::

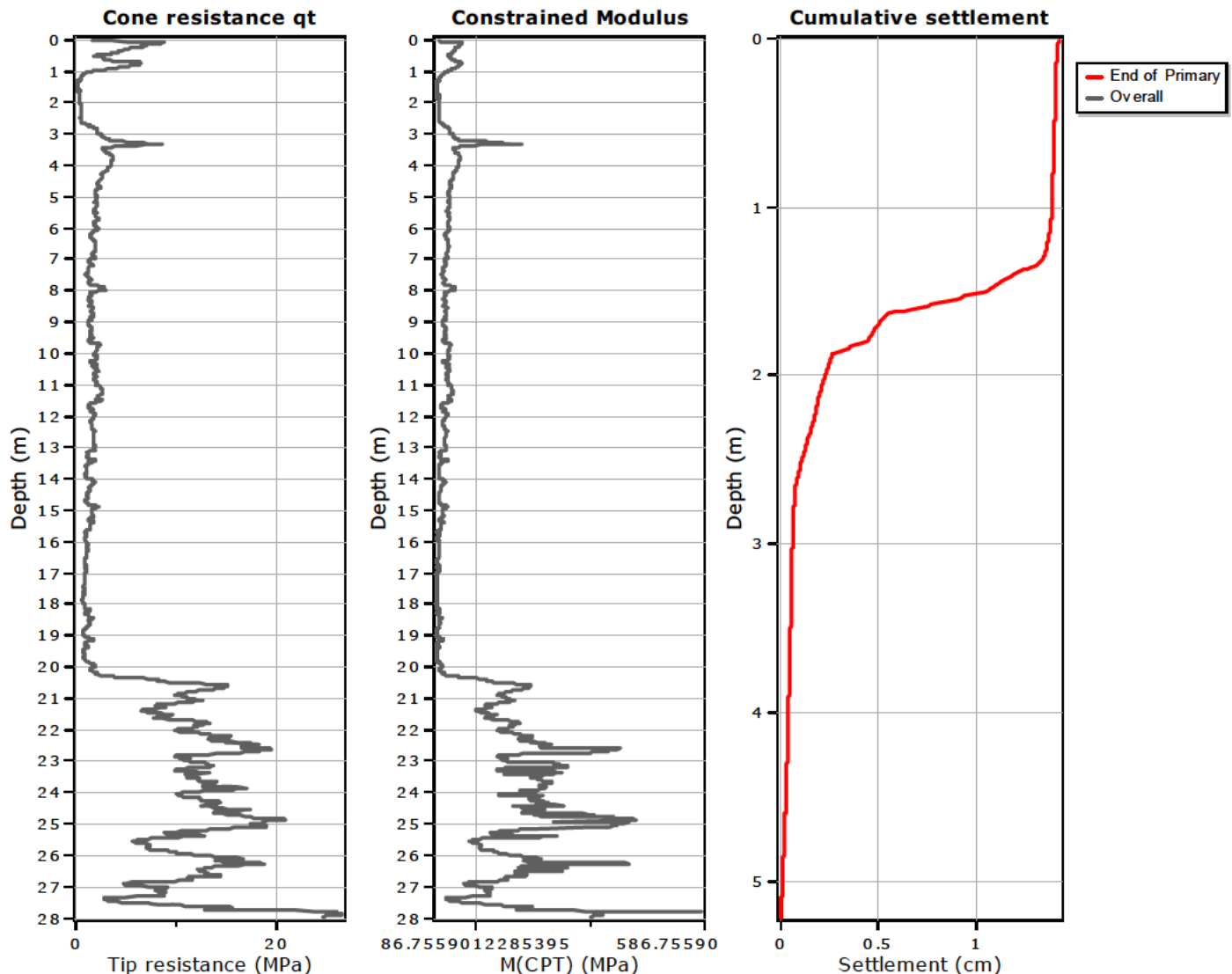
Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	$M_{(CPT)}$ (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
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Total primary settlement: 4.18**Total secondary settlement: 0.00****Total calculated settlement: 4.18****Abbreviations**

Start depth:	Start depth of soil layer (penetration depth measured from ground free surface)
End depth:	End depth of soil layer (penetration depth measured from ground free surface)
Thickness:	Thickness of soil layer
Relative depth:	Depth of calculation relative to footing
Iz:	Stress influence factor
Delta P:	Footing imposed stress:
Eff. stress:	Effective stress
$M_{(CPT)}$:	Constrained modulus from CPT
Settlement:	Primary settlement
Second. settlement:	Secondary settlements due to creep



Settlements calculation according to theory of elasticity*



Calculation properties

Footing type: Rectangular

Footing width: 25.00 (m)

L/B: 1.0

Footing pressure: 10.00 (kPa)

Embedment depth: 0.00 (m)

Footing is rigid: No

Remove excavation load: No

Apply 20% rule: Yes

Calculate secondary settlements: No

Time period for primary consolidation: N/A

Time period for second. settlements: N/A

* Primary settlements calculation is performed according to the following formula:

$$S = \sum \frac{\Delta \sigma_v}{M_{CPT}} \Delta z$$

* Secondary (creep) settlements calculation is performed according to the following formula:

$$S = C_\alpha \cdot \Delta z \cdot \log(t/t_p)$$

where t_p is the duration of primary consolidation

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
1	0.01	0.02	0.01	0.02	10.00	2.29	1.00	0.004	0.000	0.004
2	0.02	0.03	0.01	0.03	10.00	3.05	1.00	0.003	0.000	0.003
3	0.03	0.04	0.01	0.04	10.00	5.08	1.00	0.002	0.000	0.002
4	0.04	0.05	0.01	0.05	10.00	7.60	1.00	0.001	0.000	0.001
5	0.05	0.06	0.01	0.06	10.00	10.24	1.00	0.001	0.000	0.001
6	0.06	0.07	0.01	0.07	10.00	44.05	1.00	0.000	0.000	0.000
7	0.07	0.08	0.01	0.08	10.00	50.73	1.00	0.000	0.000	0.000
8	0.08	0.09	0.01	0.09	10.00	53.97	1.00	0.000	0.000	0.000
9	0.09	0.10	0.01	0.09	10.00	51.72	1.00	0.000	0.000	0.000
10	0.10	0.11	0.01	0.10	10.00	52.69	1.00	0.000	0.000	0.000
11	0.11	0.12	0.01	0.12	10.00	53.55	1.00	0.000	0.000	0.000
12	0.12	0.13	0.01	0.13	10.00	53.29	1.00	0.000	0.000	0.000
13	0.13	0.14	0.01	0.14	10.00	52.37	1.00	0.000	0.000	0.000
14	0.14	0.15	0.01	0.15	10.00	51.86	1.00	0.000	0.000	0.000
15	0.15	0.16	0.01	0.16	10.00	51.66	1.00	0.000	0.000	0.000
16	0.16	0.17	0.01	0.17	10.00	51.20	1.00	0.000	0.000	0.000
17	0.17	0.18	0.01	0.18	10.00	50.57	1.00	0.000	0.000	0.000
18	0.18	0.19	0.01	0.19	10.00	49.92	1.00	0.000	0.000	0.000
19	0.19	0.20	0.01	0.20	10.00	49.24	1.00	0.000	0.000	0.000
20	0.20	0.21	0.01	0.21	10.00	47.74	1.00	0.000	0.000	0.000
21	0.21	0.22	0.01	0.22	10.00	47.21	1.00	0.000	0.000	0.000
22	0.22	0.23	0.01	0.23	10.00	46.45	1.00	0.000	0.000	0.000
23	0.23	0.24	0.01	0.24	10.00	44.97	1.00	0.000	0.000	0.000
24	0.24	0.25	0.01	0.25	10.00	43.51	1.00	0.000	0.000	0.000
25	0.25	0.26	0.01	0.26	10.00	40.91	1.00	0.000	0.000	0.000
26	0.26	0.27	0.01	0.27	10.00	39.60	1.00	0.000	0.000	0.000
27	0.27	0.28	0.01	0.28	10.00	37.27	1.00	0.000	0.000	0.000
28	0.28	0.29	0.01	0.28	10.00	38.40	1.00	0.000	0.000	0.000
29	0.29	0.30	0.01	0.30	10.00	39.26	1.00	0.000	0.000	0.000
30	0.30	0.31	0.01	0.31	10.00	39.53	1.00	0.000	0.000	0.000
31	0.31	0.32	0.01	0.32	10.00	38.75	1.00	0.000	0.000	0.000
32	0.32	0.33	0.01	0.33	10.00	37.78	1.00	0.000	0.000	0.000
33	0.33	0.34	0.01	0.34	10.00	37.16	1.00	0.000	0.000	0.000
34	0.34	0.35	0.01	0.35	10.00	36.66	1.00	0.000	0.000	0.000
35	0.35	0.36	0.01	0.36	10.00	36.39	1.00	0.000	0.000	0.000
36	0.36	0.37	0.01	0.36	10.00	36.45	1.00	0.000	0.000	0.000
37	0.37	0.38	0.01	0.37	10.00	35.86	1.00	0.000	0.000	0.000
38	0.38	0.39	0.01	0.38	10.00	34.77	1.00	0.000	0.000	0.000
39	0.39	0.40	0.01	0.39	10.00	33.29	1.00	0.000	0.000	0.000
40	0.40	0.41	0.01	0.40	10.00	32.58	1.00	0.000	0.000	0.000
41	0.41	0.42	0.01	0.41	10.00	31.21	1.00	0.000	0.000	0.000
42	0.42	0.43	0.01	0.42	10.00	31.02	1.00	0.000	0.000	0.000
43	0.43	0.44	0.01	0.43	10.00	30.45	1.00	0.000	0.000	0.000
44	0.44	0.45	0.01	0.44	10.00	31.13	1.00	0.000	0.000	0.000
45	0.45	0.46	0.01	0.45	10.00	29.42	1.00	0.000	0.000	0.000
46	0.46	0.47	0.01	0.46	10.00	27.85	1.00	0.000	0.000	0.000

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
47	0.47	0.48	0.01	0.47	10.00	26.76	1.00	0.000	0.000	0.000
48	0.48	0.49	0.01	0.48	10.00	21.51	1.00	0.000	0.000	0.000
49	0.49	0.50	0.01	0.49	10.00	21.76	1.00	0.000	0.000	0.000
50	0.50	0.51	0.01	0.50	10.00	21.57	1.00	0.000	0.000	0.000
51	0.51	0.52	0.01	0.51	10.00	25.89	1.00	0.000	0.000	0.000
52	0.52	0.53	0.01	0.52	10.00	25.73	1.00	0.000	0.000	0.000
53	0.53	0.54	0.01	0.53	10.00	25.89	1.00	0.000	0.000	0.000
54	0.54	0.55	0.01	0.54	10.00	28.15	1.00	0.000	0.000	0.000
55	0.55	0.56	0.01	0.55	10.00	28.83	1.00	0.000	0.000	0.000
56	0.56	0.57	0.01	0.56	10.00	29.76	1.00	0.000	0.000	0.000
57	0.57	0.58	0.01	0.57	10.00	28.67	1.00	0.000	0.000	0.000
58	0.58	0.59	0.01	0.58	10.00	29.65	1.00	0.000	0.000	0.000
59	0.59	0.60	0.01	0.59	10.00	29.72	1.00	0.000	0.000	0.000
60	0.60	0.61	0.01	0.60	10.00	30.44	1.00	0.000	0.000	0.000
61	0.61	0.62	0.01	0.61	10.00	31.09	1.00	0.000	0.000	0.000
62	0.62	0.63	0.01	0.62	10.00	32.77	1.00	0.000	0.000	0.000
63	0.63	0.64	0.01	0.63	10.00	34.94	1.00	0.000	0.000	0.000
64	0.64	0.65	0.01	0.64	10.00	36.24	1.00	0.000	0.000	0.000
65	0.65	0.66	0.01	0.65	10.00	38.32	1.00	0.000	0.000	0.000
66	0.66	0.67	0.01	0.66	10.00	40.42	1.00	0.000	0.000	0.000
67	0.67	0.68	0.01	0.67	10.00	43.37	1.00	0.000	0.000	0.000
68	0.68	0.69	0.01	0.68	10.00	45.21	1.00	0.000	0.000	0.000
69	0.69	0.70	0.01	0.69	10.00	47.56	1.00	0.000	0.000	0.000
70	0.70	0.71	0.01	0.70	10.00	49.39	1.00	0.000	0.000	0.000
71	0.71	0.72	0.01	0.71	10.00	51.57	1.00	0.000	0.000	0.000
72	0.72	0.73	0.01	0.72	10.00	52.51	1.00	0.000	0.000	0.000
73	0.73	0.74	0.01	0.73	10.00	53.05	1.00	0.000	0.000	0.000
74	0.74	0.75	0.01	0.74	10.00	53.84	1.00	0.000	0.000	0.000
75	0.75	0.76	0.01	0.75	10.00	53.56	1.00	0.000	0.000	0.000
76	0.76	0.77	0.01	0.76	10.00	53.42	1.00	0.000	0.000	0.000
77	0.77	0.78	0.01	0.77	10.00	51.70	1.00	0.000	0.000	0.000
78	0.78	0.79	0.01	0.78	10.00	50.08	1.00	0.000	0.000	0.000
79	0.79	0.80	0.01	0.79	10.00	48.85	1.00	0.000	0.000	0.000
80	0.80	0.81	0.01	0.80	10.00	47.97	1.00	0.000	0.000	0.000
81	0.81	0.82	0.01	0.81	10.00	47.80	1.00	0.000	0.000	0.000
82	0.82	0.83	0.01	0.82	10.00	47.37	1.00	0.000	0.000	0.000
83	0.83	0.84	0.01	0.83	10.00	47.15	1.00	0.000	0.000	0.000
84	0.84	0.85	0.01	0.84	10.00	46.36	1.00	0.000	0.000	0.000
85	0.85	0.86	0.01	0.85	10.00	45.02	1.00	0.000	0.000	0.000
86	0.86	0.87	0.01	0.86	10.00	44.02	1.00	0.000	0.000	0.000
87	0.87	0.88	0.01	0.87	10.00	42.78	1.00	0.000	0.000	0.000
88	0.88	0.89	0.01	0.88	10.00	41.89	1.00	0.000	0.000	0.000
89	0.89	0.90	0.01	0.89	10.00	39.91	1.00	0.000	0.000	0.000
90	0.90	0.91	0.01	0.90	10.00	38.06	1.00	0.000	0.000	0.000
91	0.91	0.92	0.01	0.91	10.00	35.96	1.00	0.000	0.000	0.000
92	0.92	0.93	0.01	0.92	10.00	34.06	1.00	0.000	0.000	0.000

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
93	0.93	0.94	0.01	0.93	10.00	32.31	1.00	0.000	0.000	0.000
94	0.94	0.95	0.01	0.94	10.00	30.78	1.00	0.000	0.000	0.000
95	0.95	0.96	0.01	0.95	10.00	29.01	1.00	0.000	0.000	0.000
96	0.96	0.97	0.01	0.96	10.00	28.16	1.00	0.000	0.000	0.000
97	0.97	0.98	0.01	0.97	10.00	26.59	1.00	0.000	0.000	0.000
98	0.98	0.99	0.01	0.98	10.00	25.48	1.00	0.000	0.000	0.000
99	0.99	1.00	0.01	0.99	10.00	23.58	1.00	0.000	0.000	0.000
100	1.00	1.01	0.01	1.00	10.00	22.10	1.00	0.000	0.000	0.000
101	1.01	1.02	0.01	1.01	10.00	21.02	1.00	0.000	0.000	0.000
102	1.02	1.03	0.01	1.02	10.00	18.98	1.00	0.001	0.000	0.001
103	1.03	1.04	0.01	1.03	10.00	17.61	1.00	0.001	0.000	0.001
104	1.04	1.05	0.01	1.04	10.00	16.52	1.00	0.001	0.000	0.001
105	1.05	1.06	0.01	1.05	10.00	16.53	1.00	0.001	0.000	0.001
106	1.06	1.07	0.01	1.06	10.00	16.23	1.00	0.001	0.000	0.001
107	1.07	1.08	0.01	1.07	10.00	15.65	1.00	0.001	0.000	0.001
108	1.08	1.09	0.01	1.08	10.00	15.45	1.00	0.001	0.000	0.001
109	1.09	1.10	0.01	1.09	10.00	15.02	1.00	0.001	0.000	0.001
110	1.10	1.11	0.01	1.10	9.99	14.32	1.00	0.001	0.000	0.001
111	1.11	1.12	0.01	1.11	9.99	8.20	1.00	0.001	0.000	0.001
112	1.12	1.13	0.01	1.12	9.99	7.82	1.00	0.001	0.000	0.001
113	1.13	1.14	0.01	1.13	9.99	7.33	1.00	0.001	0.000	0.001
114	1.14	1.15	0.01	1.14	9.99	6.55	1.00	0.002	0.000	0.002
115	1.15	1.16	0.01	1.15	9.99	6.17	1.00	0.002	0.000	0.002
116	1.16	1.17	0.01	1.16	9.99	5.97	1.00	0.002	0.000	0.002
117	1.17	1.18	0.01	1.17	9.99	6.00	1.00	0.002	0.000	0.002
118	1.18	1.19	0.01	1.18	9.99	5.71	1.00	0.002	0.000	0.002
119	1.19	1.20	0.01	1.19	9.99	5.60	1.00	0.002	0.000	0.002
120	1.20	1.21	0.01	1.20	9.99	5.48	1.00	0.002	0.000	0.002
121	1.21	1.22	0.01	1.21	9.99	5.53	1.00	0.002	0.000	0.002
122	1.22	1.23	0.01	1.22	9.99	5.26	1.00	0.002	0.000	0.002
123	1.23	1.24	0.01	1.23	9.99	4.84	1.00	0.002	0.000	0.002
124	1.24	1.25	0.01	1.24	9.99	4.36	1.00	0.002	0.000	0.002
125	1.25	1.26	0.01	1.25	9.99	4.04	1.00	0.002	0.000	0.002
126	1.26	1.27	0.01	1.26	9.99	3.71	1.00	0.003	0.000	0.003
127	1.27	1.28	0.01	1.27	9.99	3.43	1.00	0.003	0.000	0.003
128	1.28	1.29	0.01	1.28	9.99	2.75	1.00	0.004	0.000	0.004
129	1.29	1.30	0.01	1.29	9.99	2.13	1.00	0.005	0.000	0.005
130	1.30	1.31	0.01	1.30	9.99	1.52	1.00	0.007	0.000	0.007
131	1.31	1.32	0.01	1.31	9.99	1.29	1.00	0.008	0.000	0.008
132	1.32	1.33	0.01	1.32	9.99	1.02	1.00	0.010	0.000	0.010
133	1.33	1.34	0.01	1.33	9.99	0.75	1.00	0.013	0.000	0.013
134	1.34	1.35	0.01	1.34	9.99	0.54	1.00	0.019	0.000	0.019
135	1.35	1.36	0.01	1.35	9.99	0.45	1.00	0.022	0.000	0.022
136	1.36	1.37	0.01	1.36	9.99	0.49	1.00	0.020	0.000	0.020
137	1.37	1.38	0.01	1.37	9.99	0.54	1.00	0.019	0.000	0.019
138	1.38	1.39	0.01	1.38	9.99	0.62	1.00	0.016	0.000	0.016

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
139	1.39	1.40	0.01	1.39	9.99	0.66	1.00	0.015	0.000	0.015
140	1.40	1.41	0.01	1.40	9.99	0.67	1.00	0.015	0.000	0.015
141	1.41	1.42	0.01	1.41	9.99	0.65	1.00	0.015	0.000	0.015
142	1.42	1.43	0.01	1.42	9.99	0.60	1.00	0.017	0.000	0.017
143	1.43	1.44	0.01	1.43	9.99	0.65	1.00	0.015	0.000	0.015
144	1.44	1.45	0.01	1.44	9.99	0.68	1.00	0.015	0.000	0.015
145	1.45	1.46	0.01	1.45	9.99	0.74	1.00	0.014	0.000	0.014
146	1.46	1.47	0.01	1.46	9.99	0.76	1.00	0.013	0.000	0.013
147	1.47	1.48	0.01	1.47	9.99	0.76	1.00	0.013	0.000	0.013
148	1.48	1.49	0.01	1.48	9.99	0.79	1.00	0.013	0.000	0.013
149	1.49	1.50	0.01	1.49	9.99	0.74	1.00	0.013	0.000	0.013
150	1.50	1.51	0.01	1.50	9.99	0.17	1.00	0.058	0.000	0.058
151	1.51	1.52	0.01	1.51	9.99	0.18	1.00	0.056	0.000	0.056
152	1.52	1.53	0.01	1.52	9.99	0.92	1.00	0.011	0.000	0.011
153	1.53	1.54	0.01	1.53	9.99	0.94	1.00	0.011	0.000	0.011
154	1.54	1.55	0.01	1.54	9.99	0.19	1.00	0.053	0.000	0.053
155	1.55	1.56	0.01	1.55	9.99	0.20	1.00	0.049	0.000	0.049
156	1.56	1.57	0.01	1.56	9.99	0.21	1.00	0.048	0.000	0.048
157	1.57	1.58	0.01	1.57	9.99	1.27	1.00	0.008	0.000	0.008
158	1.58	1.59	0.01	1.58	9.99	0.22	1.00	0.045	0.000	0.045
159	1.59	1.60	0.01	1.59	9.98	0.24	1.00	0.042	0.000	0.042
160	1.60	1.61	0.01	1.60	9.98	0.24	1.00	0.041	0.000	0.041
161	1.61	1.62	0.01	1.61	9.98	0.25	1.00	0.040	0.000	0.040
162	1.62	1.63	0.01	1.62	9.98	0.23	1.00	0.043	0.000	0.043
163	1.63	1.64	0.01	1.63	9.98	1.25	1.00	0.008	0.000	0.008
164	1.64	1.65	0.01	1.64	9.98	1.24	1.00	0.008	0.000	0.008
165	1.65	1.66	0.01	1.65	9.98	1.28	1.00	0.008	0.000	0.008
166	1.66	1.67	0.01	1.66	9.98	1.29	1.00	0.008	0.000	0.008
167	1.67	1.68	0.01	1.67	9.98	1.35	1.00	0.007	0.000	0.007
168	1.68	1.69	0.01	1.68	9.98	1.33	1.00	0.008	0.000	0.008
169	1.69	1.70	0.01	1.69	9.98	1.39	1.00	0.007	0.000	0.007
170	1.70	1.71	0.01	1.70	9.98	1.42	1.00	0.007	0.000	0.007
171	1.71	1.72	0.01	1.71	9.98	1.67	1.00	0.006	0.000	0.006
172	1.72	1.73	0.01	1.72	9.98	1.95	1.00	0.005	0.000	0.005
173	1.73	1.74	0.01	1.73	9.98	2.16	1.00	0.005	0.000	0.005
174	1.74	1.75	0.01	1.74	9.98	1.84	1.00	0.005	0.000	0.005
175	1.75	1.76	0.01	1.75	9.98	1.68	1.00	0.006	0.000	0.006
176	1.76	1.77	0.01	1.76	9.98	1.66	1.00	0.006	0.000	0.006
177	1.77	1.78	0.01	1.77	9.98	2.01	1.00	0.005	0.000	0.005
178	1.78	1.79	0.01	1.78	9.98	2.08	1.00	0.005	0.000	0.005
179	1.79	1.80	0.01	1.79	9.98	0.32	1.00	0.031	0.000	0.031
180	1.80	1.81	0.01	1.80	9.98	0.33	1.00	0.031	0.000	0.031
181	1.81	1.82	0.01	1.81	9.98	0.34	1.00	0.030	0.000	0.030
182	1.82	1.83	0.01	1.82	9.98	3.37	1.00	0.003	0.000	0.003
183	1.83	1.84	0.01	1.83	9.98	0.36	1.00	0.028	0.000	0.028
184	1.84	1.85	0.01	1.84	9.98	0.36	1.00	0.027	0.000	0.027

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
185	1.85	1.86	0.01	1.85	9.98	0.39	1.00	0.026	0.000	0.026
186	1.86	1.87	0.01	1.86	9.98	3.03	1.00	0.003	0.000	0.003
187	1.87	1.88	0.01	1.87	9.98	3.12	1.00	0.003	0.000	0.003
188	1.88	1.89	0.01	1.88	9.98	3.00	1.00	0.003	0.000	0.003
189	1.89	1.90	0.01	1.89	9.97	3.17	1.00	0.003	0.000	0.003
190	1.90	1.91	0.01	1.90	9.97	3.33	1.00	0.003	0.000	0.003
191	1.91	1.92	0.01	1.91	9.97	3.50	1.00	0.003	0.000	0.003
192	1.92	1.93	0.01	1.92	9.97	3.69	1.00	0.003	0.000	0.003
193	1.93	1.94	0.01	1.93	9.97	3.36	1.00	0.003	0.000	0.003
194	1.94	1.95	0.01	1.94	9.97	3.15	1.00	0.003	0.000	0.003
195	1.95	1.96	0.01	1.95	9.97	3.19	1.00	0.003	0.000	0.003
196	1.96	1.97	0.01	1.96	9.97	3.25	1.00	0.003	0.000	0.003
197	1.97	1.98	0.01	1.97	9.97	3.46	1.00	0.003	0.000	0.003
198	1.98	1.99	0.01	1.98	9.97	3.46	1.00	0.003	0.000	0.003
199	1.99	2.00	0.01	1.99	9.97	3.31	1.00	0.003	0.000	0.003
200	2.00	2.01	0.01	2.00	9.97	3.37	1.00	0.003	0.000	0.003
201	2.01	2.02	0.01	2.01	9.97	3.16	1.00	0.003	0.000	0.003
202	2.02	2.03	0.01	2.02	9.97	3.54	1.00	0.003	0.000	0.003
203	2.03	2.04	0.01	2.03	9.97	3.49	1.00	0.003	0.000	0.003
204	2.04	2.05	0.01	2.04	9.97	3.84	1.00	0.003	0.000	0.003
205	2.05	2.06	0.01	2.05	9.97	3.97	1.00	0.003	0.000	0.003
206	2.06	2.07	0.01	2.06	9.97	4.21	1.00	0.002	0.000	0.002
207	2.07	2.08	0.01	2.07	9.97	4.05	1.00	0.002	0.000	0.002
208	2.08	2.09	0.01	2.08	9.97	4.41	1.00	0.002	0.000	0.002
209	2.09	2.10	0.01	2.09	9.97	4.46	1.00	0.002	0.000	0.002
210	2.10	2.11	0.01	2.10	9.97	5.18	1.00	0.002	0.000	0.002
211	2.11	2.12	0.01	2.11	9.96	5.22	1.00	0.002	0.000	0.002
212	2.12	2.13	0.01	2.12	9.96	5.47	1.00	0.002	0.000	0.002
213	2.13	2.14	0.01	2.13	9.96	5.61	1.00	0.002	0.000	0.002
214	2.14	2.15	0.01	2.14	9.96	5.57	1.00	0.002	0.000	0.002
215	2.15	2.16	0.01	2.15	9.96	5.60	1.00	0.002	0.000	0.002
216	2.16	2.17	0.01	2.16	9.96	5.56	1.00	0.002	0.000	0.002
217	2.17	2.18	0.01	2.17	9.96	5.68	1.00	0.002	0.000	0.002
218	2.18	2.19	0.01	2.18	9.96	5.43	1.00	0.002	0.000	0.002
219	2.19	2.20	0.01	2.19	9.96	4.94	1.00	0.002	0.000	0.002
220	2.20	2.21	0.01	2.20	9.96	4.41	1.00	0.002	0.000	0.002
221	2.21	2.22	0.01	2.21	9.96	4.25	1.00	0.002	0.000	0.002
222	2.22	2.23	0.01	2.22	9.96	4.16	1.00	0.002	0.000	0.002
223	2.23	2.24	0.01	2.23	9.96	4.35	1.00	0.002	0.000	0.002
224	2.24	2.25	0.01	2.24	9.96	4.27	1.00	0.002	0.000	0.002
225	2.25	2.26	0.01	2.25	9.96	4.70	1.00	0.002	0.000	0.002
226	2.26	2.27	0.01	2.26	9.96	4.53	1.00	0.002	0.000	0.002
227	2.27	2.28	0.01	2.27	9.96	4.43	1.00	0.002	0.000	0.002
228	2.28	2.29	0.01	2.28	9.96	3.96	1.00	0.003	0.000	0.003
229	2.29	2.30	0.01	2.29	9.96	3.72	1.00	0.003	0.000	0.003
230	2.30	2.31	0.01	2.30	9.95	3.81	1.00	0.003	0.000	0.003

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
231	2.31	2.32	0.01	2.31	9.95	4.00	1.00	0.002	0.000	0.002
232	2.32	2.33	0.01	2.32	9.95	4.02	1.00	0.002	0.000	0.002
233	2.33	2.34	0.01	2.33	9.95	4.07	1.00	0.002	0.000	0.002
234	2.34	2.35	0.01	2.34	9.95	3.74	1.00	0.003	0.000	0.003
235	2.35	2.36	0.01	2.35	9.95	3.60	1.00	0.003	0.000	0.003
236	2.36	2.37	0.01	2.36	9.95	3.72	1.00	0.003	0.000	0.003
237	2.37	2.38	0.01	2.37	9.95	3.85	1.00	0.003	0.000	0.003
238	2.38	2.39	0.01	2.38	9.95	4.12	1.00	0.002	0.000	0.002
239	2.39	2.40	0.01	2.39	9.95	3.94	0.99	0.003	0.000	0.003
240	2.40	2.41	0.01	2.40	9.95	4.12	0.99	0.002	0.000	0.002
241	2.41	2.42	0.01	2.41	9.95	3.92	0.99	0.003	0.000	0.003
242	2.42	2.43	0.01	2.42	9.95	3.98	0.99	0.003	0.000	0.003
243	2.43	2.44	0.01	2.43	9.95	3.96	0.99	0.003	0.000	0.003
244	2.44	2.45	0.01	2.44	9.95	4.21	0.99	0.002	0.000	0.002
245	2.45	2.46	0.01	2.45	9.95	3.75	0.99	0.003	0.000	0.003
246	2.46	2.47	0.01	2.46	9.95	3.47	0.99	0.003	0.000	0.003
247	2.47	2.48	0.01	2.47	9.94	3.38	0.99	0.003	0.000	0.003
248	2.48	2.49	0.01	2.48	9.94	3.32	0.99	0.003	0.000	0.003
249	2.49	2.50	0.01	2.49	9.94	3.54	0.99	0.003	0.000	0.003
250	2.50	2.51	0.01	2.50	9.94	3.64	0.99	0.003	0.000	0.003
251	2.51	2.52	0.01	2.51	9.94	4.66	0.99	0.002	0.000	0.002
252	2.52	2.53	0.01	2.52	9.94	5.26	0.99	0.002	0.000	0.002
253	2.53	2.54	0.01	2.53	9.94	5.79	0.99	0.002	0.000	0.002
254	2.54	2.55	0.01	2.54	9.94	5.72	0.99	0.002	0.000	0.002
255	2.55	2.56	0.01	2.55	9.94	5.43	0.99	0.002	0.000	0.002
256	2.56	2.57	0.01	2.56	9.94	5.16	0.99	0.002	0.000	0.002
257	2.57	2.58	0.01	2.57	9.94	4.96	0.99	0.002	0.000	0.002
258	2.58	2.59	0.01	2.58	9.94	4.74	0.99	0.002	0.000	0.002
259	2.59	2.60	0.01	2.59	9.94	4.74	0.99	0.002	0.000	0.002
260	2.60	2.61	0.01	2.60	9.94	4.75	0.99	0.002	0.000	0.002
261	2.61	2.62	0.01	2.61	9.94	4.94	0.99	0.002	0.000	0.002
262	2.62	2.63	0.01	2.62	9.93	5.43	0.99	0.002	0.000	0.002
263	2.63	2.64	0.01	2.63	9.93	6.28	0.99	0.002	0.000	0.002
264	2.64	2.65	0.01	2.64	9.93	7.00	0.99	0.001	0.000	0.001
265	2.65	2.66	0.01	2.65	9.93	7.81	0.99	0.001	0.000	0.001
266	2.66	2.67	0.01	2.66	9.93	9.36	0.99	0.001	0.000	0.001
267	2.67	2.68	0.01	2.67	9.93	11.10	0.99	0.001	0.000	0.001
268	2.68	2.69	0.01	2.68	9.93	12.94	0.99	0.001	0.000	0.001
269	2.69	2.70	0.01	2.69	9.93	14.61	0.99	0.001	0.000	0.001
270	2.70	2.71	0.01	2.70	9.93	15.82	0.99	0.001	0.000	0.001
271	2.71	2.72	0.01	2.71	9.93	16.93	0.99	0.001	0.000	0.001
272	2.72	2.73	0.01	2.72	9.93	16.91	0.99	0.001	0.000	0.001
273	2.73	2.74	0.01	2.73	9.93	16.51	0.99	0.001	0.000	0.001
274	2.74	2.75	0.01	2.74	9.93	16.29	0.99	0.001	0.000	0.001
275	2.75	2.76	0.01	2.75	9.92	16.92	0.99	0.001	0.000	0.001
276	2.76	2.77	0.01	2.76	9.92	18.45	0.99	0.001	0.000	0.001

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
277	2.77	2.78	0.01	2.77	9.92	20.34	0.99	0.000	0.000	0.000
278	2.78	2.79	0.01	2.78	9.92	21.94	0.99	0.000	0.000	0.000
279	2.79	2.80	0.01	2.79	9.92	23.37	0.99	0.000	0.000	0.000
280	2.80	2.81	0.01	2.80	9.92	24.47	0.99	0.000	0.000	0.000
281	2.81	2.82	0.01	2.81	9.92	25.34	0.99	0.000	0.000	0.000
282	2.82	2.83	0.01	2.82	9.92	26.03	0.99	0.000	0.000	0.000
283	2.83	2.84	0.01	2.83	9.92	26.48	0.99	0.000	0.000	0.000
284	2.84	2.85	0.01	2.84	9.92	26.86	0.99	0.000	0.000	0.000
285	2.85	2.86	0.01	2.85	9.92	27.20	0.99	0.000	0.000	0.000
286	2.86	2.87	0.01	2.86	9.92	27.49	0.99	0.000	0.000	0.000
287	2.87	2.88	0.01	2.87	9.91	27.79	0.99	0.000	0.000	0.000
288	2.88	2.89	0.01	2.88	9.91	27.99	0.99	0.000	0.000	0.000
289	2.89	2.90	0.01	2.89	9.91	27.96	0.99	0.000	0.000	0.000
290	2.90	2.91	0.01	2.90	9.91	27.70	0.99	0.000	0.000	0.000
291	2.91	2.92	0.01	2.91	9.91	27.39	0.99	0.000	0.000	0.000
292	2.92	2.93	0.01	2.92	9.91	27.12	0.99	0.000	0.000	0.000
293	2.93	2.94	0.01	2.93	9.91	27.00	0.99	0.000	0.000	0.000
294	2.94	2.95	0.01	2.94	9.91	26.95	0.99	0.000	0.000	0.000
295	2.95	2.96	0.01	2.95	9.91	27.26	0.99	0.000	0.000	0.000
296	2.96	2.97	0.01	2.96	9.91	27.73	0.99	0.000	0.000	0.000
297	2.97	2.98	0.01	2.97	9.91	28.51	0.99	0.000	0.000	0.000
298	2.98	2.99	0.01	2.98	9.90	29.94	0.99	0.000	0.000	0.000
299	2.99	3.00	0.01	2.99	9.90	31.57	0.99	0.000	0.000	0.000
300	3.00	3.01	0.01	3.00	9.90	33.15	0.99	0.000	0.000	0.000
301	3.01	3.02	0.01	3.01	9.90	33.85	0.99	0.000	0.000	0.000
302	3.02	3.03	0.01	3.02	9.90	34.21	0.99	0.000	0.000	0.000
303	3.03	3.04	0.01	3.03	9.90	34.26	0.99	0.000	0.000	0.000
304	3.04	3.05	0.01	3.04	9.90	33.98	0.99	0.000	0.000	0.000
305	3.05	3.06	0.01	3.05	9.90	33.74	0.99	0.000	0.000	0.000
306	3.06	3.07	0.01	3.06	9.90	33.64	0.99	0.000	0.000	0.000
307	3.07	3.08	0.01	3.07	9.90	34.18	0.99	0.000	0.000	0.000
308	3.08	3.09	0.01	3.08	9.90	34.92	0.99	0.000	0.000	0.000
309	3.09	3.10	0.01	3.09	9.89	35.80	0.99	0.000	0.000	0.000
310	3.10	3.11	0.01	3.10	9.89	36.63	0.99	0.000	0.000	0.000
311	3.11	3.12	0.01	3.11	9.89	37.55	0.99	0.000	0.000	0.000
312	3.12	3.13	0.01	3.12	9.89	38.63	0.99	0.000	0.000	0.000
313	3.13	3.14	0.01	3.13	9.89	40.24	0.99	0.000	0.000	0.000
314	3.14	3.15	0.01	3.14	9.89	41.77	0.99	0.000	0.000	0.000
315	3.15	3.16	0.01	3.15	9.89	43.09	0.99	0.000	0.000	0.000
316	3.16	3.17	0.01	3.16	9.89	43.77	0.99	0.000	0.000	0.000
317	3.17	3.18	0.01	3.17	9.89	44.34	0.99	0.000	0.000	0.000
318	3.18	3.19	0.01	3.18	9.89	45.06	0.99	0.000	0.000	0.000
319	3.19	3.20	0.01	3.19	9.88	46.03	0.99	0.000	0.000	0.000
320	3.20	3.21	0.01	3.20	9.88	47.65	0.99	0.000	0.000	0.000
321	3.21	3.22	0.01	3.21	9.88	50.58	0.99	0.000	0.000	0.000
322	3.22	3.23	0.01	3.22	9.88	54.98	0.99	0.000	0.000	0.000

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
323	3.23	3.24	0.01	3.23	9.88	103.56	0.99	0.000	0.000	0.000
324	3.24	3.25	0.01	3.24	9.88	111.40	0.99	0.000	0.000	0.000
325	3.25	3.26	0.01	3.25	9.88	118.60	0.99	0.000	0.000	0.000
326	3.26	3.27	0.01	3.26	9.88	125.49	0.99	0.000	0.000	0.000
327	3.27	3.28	0.01	3.27	9.88	134.65	0.99	0.000	0.000	0.000
328	3.28	3.29	0.01	3.28	9.88	144.37	0.99	0.000	0.000	0.000
329	3.29	3.30	0.01	3.29	9.87	92.63	0.99	0.000	0.000	0.000
330	3.30	3.31	0.01	3.30	9.87	162.91	0.99	0.000	0.000	0.000
331	3.31	3.32	0.01	3.31	9.87	171.98	0.99	0.000	0.000	0.000
332	3.32	3.33	0.01	3.32	9.87	180.61	0.99	0.000	0.000	0.000
333	3.33	3.34	0.01	3.33	9.87	185.03	0.99	0.000	0.000	0.000
334	3.34	3.35	0.01	3.34	9.87	183.42	0.99	0.000	0.000	0.000
335	3.35	3.36	0.01	3.35	9.87	96.80	0.99	0.000	0.000	0.000
336	3.36	3.37	0.01	3.36	9.87	81.70	0.99	0.000	0.000	0.000
337	3.37	3.38	0.01	3.37	9.87	70.08	0.99	0.000	0.000	0.000
338	3.38	3.39	0.01	3.38	9.86	62.53	0.99	0.000	0.000	0.000
339	3.39	3.40	0.01	3.39	9.86	56.45	0.99	0.000	0.000	0.000
340	3.40	3.41	0.01	3.40	9.86	51.79	0.99	0.000	0.000	0.000
341	3.41	3.42	0.01	3.41	9.86	47.99	0.99	0.000	0.000	0.000
342	3.42	3.43	0.01	3.42	9.86	45.64	0.99	0.000	0.000	0.000
343	3.43	3.44	0.01	3.43	9.86	43.52	0.99	0.000	0.000	0.000
344	3.44	3.45	0.01	3.44	9.86	40.54	0.99	0.000	0.000	0.000
345	3.45	3.46	0.01	3.45	9.86	37.98	0.99	0.000	0.000	0.000
346	3.46	3.47	0.01	3.46	9.85	36.12	0.99	0.000	0.000	0.000
347	3.47	3.48	0.01	3.47	9.85	35.85	0.99	0.000	0.000	0.000
348	3.48	3.49	0.01	3.48	9.85	36.61	0.99	0.000	0.000	0.000
349	3.49	3.50	0.01	3.49	9.85	37.29	0.99	0.000	0.000	0.000
350	3.50	3.51	0.01	3.50	9.85	37.82	0.99	0.000	0.000	0.000
351	3.51	3.52	0.01	3.51	9.85	37.54	0.98	0.000	0.000	0.000
352	3.52	3.53	0.01	3.52	9.85	37.40	0.98	0.000	0.000	0.000
353	3.53	3.54	0.01	3.53	9.85	37.46	0.98	0.000	0.000	0.000
354	3.54	3.55	0.01	3.54	9.85	37.55	0.98	0.000	0.000	0.000
355	3.55	3.56	0.01	3.55	9.84	38.04	0.98	0.000	0.000	0.000
356	3.56	3.57	0.01	3.56	9.84	38.67	0.98	0.000	0.000	0.000
357	3.57	3.58	0.01	3.57	9.84	39.35	0.98	0.000	0.000	0.000
358	3.58	3.59	0.01	3.58	9.84	39.96	0.98	0.000	0.000	0.000
359	3.59	3.60	0.01	3.59	9.84	40.93	0.98	0.000	0.000	0.000
360	3.60	3.61	0.01	3.60	9.84	41.97	0.98	0.000	0.000	0.000
361	3.61	3.62	0.01	3.61	9.84	42.96	0.98	0.000	0.000	0.000
362	3.62	3.63	0.01	3.62	9.84	43.72	0.98	0.000	0.000	0.000
363	3.63	3.64	0.01	3.63	9.83	44.73	0.98	0.000	0.000	0.000
364	3.64	3.65	0.01	3.64	9.83	45.75	0.98	0.000	0.000	0.000
365	3.65	3.66	0.01	3.65	9.83	46.64	0.98	0.000	0.000	0.000
366	3.66	3.67	0.01	3.66	9.83	47.06	0.98	0.000	0.000	0.000
367	3.67	3.68	0.01	3.67	9.83	47.61	0.98	0.000	0.000	0.000
368	3.68	3.69	0.01	3.68	9.83	48.12	0.98	0.000	0.000	0.000

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
369	3.69	3.70	0.01	3.69	9.83	48.74	0.98	0.000	0.000	0.000
370	3.70	3.71	0.01	3.70	9.82	48.96	0.98	0.000	0.000	0.000
371	3.71	3.72	0.01	3.71	9.82	49.23	0.98	0.000	0.000	0.000
372	3.72	3.73	0.01	3.72	9.82	49.65	0.98	0.000	0.000	0.000
373	3.73	3.74	0.01	3.73	9.82	50.14	0.98	0.000	0.000	0.000
374	3.74	3.75	0.01	3.74	9.82	50.39	0.98	0.000	0.000	0.000
375	3.75	3.76	0.01	3.75	9.82	50.27	0.98	0.000	0.000	0.000
376	3.76	3.77	0.01	3.76	9.82	49.98	0.98	0.000	0.000	0.000
377	3.77	3.78	0.01	3.77	9.82	49.54	0.98	0.000	0.000	0.000
378	3.78	3.79	0.01	3.78	9.81	49.21	0.98	0.000	0.000	0.000
379	3.79	3.80	0.01	3.79	9.81	48.95	0.98	0.000	0.000	0.000
380	3.80	3.81	0.01	3.80	9.81	48.94	0.98	0.000	0.000	0.000
381	3.81	3.82	0.01	3.81	9.81	48.78	0.98	0.000	0.000	0.000
382	3.82	3.83	0.01	3.82	9.81	48.66	0.98	0.000	0.000	0.000
383	3.83	3.84	0.01	3.83	9.81	48.40	0.98	0.000	0.000	0.000
384	3.84	3.85	0.01	3.84	9.81	48.25	0.98	0.000	0.000	0.000
385	3.85	3.86	0.01	3.85	9.80	48.07	0.98	0.000	0.000	0.000
386	3.86	3.87	0.01	3.86	9.80	47.94	0.98	0.000	0.000	0.000
387	3.87	3.88	0.01	3.87	9.80	47.88	0.98	0.000	0.000	0.000
388	3.88	3.89	0.01	3.88	9.80	47.94	0.98	0.000	0.000	0.000
389	3.89	3.90	0.01	3.89	9.80	48.04	0.98	0.000	0.000	0.000
390	3.90	3.91	0.01	3.90	9.80	48.20	0.98	0.000	0.000	0.000
391	3.91	3.92	0.01	3.91	9.80	48.21	0.98	0.000	0.000	0.000
392	3.92	3.93	0.01	3.92	9.79	48.20	0.98	0.000	0.000	0.000
393	3.93	3.94	0.01	3.93	9.79	48.12	0.98	0.000	0.000	0.000
394	3.94	3.95	0.01	3.94	9.79	48.14	0.98	0.000	0.000	0.000
395	3.95	3.96	0.01	3.95	9.79	48.13	0.98	0.000	0.000	0.000
396	3.96	3.97	0.01	3.96	9.79	47.95	0.98	0.000	0.000	0.000
397	3.97	3.98	0.01	3.97	9.79	47.67	0.98	0.000	0.000	0.000
398	3.98	3.99	0.01	3.98	9.79	47.43	0.98	0.000	0.000	0.000
399	3.99	4.00	0.01	3.99	9.78	47.20	0.98	0.000	0.000	0.000
400	4.00	4.01	0.01	4.00	9.78	46.88	0.98	0.000	0.000	0.000
401	4.01	4.02	0.01	4.01	9.78	46.55	0.98	0.000	0.000	0.000
402	4.02	4.03	0.01	4.02	9.78	46.27	0.98	0.000	0.000	0.000
403	4.03	4.04	0.01	4.03	9.78	46.01	0.98	0.000	0.000	0.000
404	4.04	4.05	0.01	4.04	9.78	45.64	0.98	0.000	0.000	0.000
405	4.05	4.06	0.01	4.05	9.78	45.16	0.98	0.000	0.000	0.000
406	4.06	4.07	0.01	4.06	9.77	44.63	0.98	0.000	0.000	0.000
407	4.07	4.08	0.01	4.07	9.77	44.07	0.98	0.000	0.000	0.000
408	4.08	4.09	0.01	4.08	9.77	43.55	0.98	0.000	0.000	0.000
409	4.09	4.10	0.01	4.09	9.77	43.20	0.98	0.000	0.000	0.000
410	4.10	4.11	0.01	4.10	9.77	42.94	0.98	0.000	0.000	0.000
411	4.11	4.12	0.01	4.11	9.77	42.68	0.98	0.000	0.000	0.000
412	4.12	4.13	0.01	4.12	9.76	42.49	0.98	0.000	0.000	0.000
413	4.13	4.14	0.01	4.14	9.76	42.41	0.98	0.000	0.000	0.000
414	4.14	4.15	0.01	4.14	9.76	42.36	0.98	0.000	0.000	0.000

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
415	4.15	4.16	0.01	4.16	9.76	42.14	0.98	0.000	0.000	0.000
416	4.16	4.17	0.01	4.17	9.76	41.66	0.98	0.000	0.000	0.000
417	4.17	4.18	0.01	4.18	9.76	41.04	0.98	0.000	0.000	0.000
418	4.18	4.19	0.01	4.19	9.75	40.33	0.98	0.000	0.000	0.000
419	4.19	4.20	0.01	4.20	9.75	39.56	0.98	0.000	0.000	0.000
420	4.20	4.21	0.01	4.21	9.75	38.60	0.98	0.000	0.000	0.000
421	4.21	4.22	0.01	4.22	9.75	37.49	0.97	0.000	0.000	0.000
422	4.22	4.23	0.01	4.23	9.75	36.48	0.97	0.000	0.000	0.000
423	4.23	4.24	0.01	4.24	9.75	35.66	0.97	0.000	0.000	0.000
424	4.24	4.25	0.01	4.25	9.74	35.09	0.97	0.000	0.000	0.000
425	4.25	4.26	0.01	4.26	9.74	34.56	0.97	0.000	0.000	0.000
426	4.26	4.27	0.01	4.27	9.74	34.11	0.97	0.000	0.000	0.000
427	4.27	4.28	0.01	4.28	9.74	33.77	0.97	0.000	0.000	0.000
428	4.28	4.29	0.01	4.29	9.74	33.55	0.97	0.000	0.000	0.000
429	4.29	4.30	0.01	4.30	9.74	33.55	0.97	0.000	0.000	0.000
430	4.30	4.31	0.01	4.31	9.73	33.90	0.97	0.000	0.000	0.000
431	4.31	4.32	0.01	4.32	9.73	34.49	0.97	0.000	0.000	0.000
432	4.32	4.33	0.01	4.33	9.73	35.17	0.97	0.000	0.000	0.000
433	4.33	4.34	0.01	4.34	9.73	35.58	0.97	0.000	0.000	0.000
434	4.34	4.35	0.01	4.35	9.73	35.84	0.97	0.000	0.000	0.000
435	4.35	4.36	0.01	4.36	9.73	36.01	0.97	0.000	0.000	0.000
436	4.36	4.37	0.01	4.37	9.72	36.09	0.97	0.000	0.000	0.000
437	4.37	4.38	0.01	4.38	9.72	35.96	0.97	0.000	0.000	0.000
438	4.38	4.39	0.01	4.39	9.72	35.41	0.97	0.000	0.000	0.000
439	4.39	4.40	0.01	4.40	9.72	34.77	0.97	0.000	0.000	0.000
440	4.40	4.41	0.01	4.41	9.72	34.17	0.97	0.000	0.000	0.000
441	4.41	4.42	0.01	4.42	9.72	33.79	0.97	0.000	0.000	0.000
442	4.42	4.43	0.01	4.43	9.71	33.40	0.97	0.000	0.000	0.000
443	4.43	4.44	0.01	4.44	9.71	33.10	0.97	0.000	0.000	0.000
444	4.44	4.45	0.01	4.45	9.71	32.85	0.97	0.000	0.000	0.000
445	4.45	4.46	0.01	4.46	9.71	32.60	0.97	0.000	0.000	0.000
446	4.46	4.47	0.01	4.47	9.71	32.03	0.97	0.000	0.000	0.000
447	4.47	4.48	0.01	4.48	9.71	31.19	0.97	0.000	0.000	0.000
448	4.48	4.49	0.01	4.49	9.70	30.93	0.97	0.000	0.000	0.000
449	4.49	4.50	0.01	4.50	9.70	30.63	0.97	0.000	0.000	0.000
450	4.50	4.51	0.01	4.51	9.70	30.45	0.97	0.000	0.000	0.000
451	4.51	4.52	0.01	4.52	9.70	29.59	0.97	0.000	0.000	0.000
452	4.52	4.53	0.01	4.53	9.70	28.96	0.97	0.000	0.000	0.000
453	4.53	4.54	0.01	4.54	9.69	28.33	0.97	0.000	0.000	0.000
454	4.54	4.55	0.01	4.55	9.69	27.70	0.97	0.000	0.000	0.000
455	4.55	4.56	0.01	4.56	9.69	27.15	0.97	0.000	0.000	0.000
456	4.56	4.57	0.01	4.57	9.69	26.83	0.97	0.000	0.000	0.000
457	4.57	4.58	0.01	4.58	9.69	26.86	0.97	0.000	0.000	0.000
458	4.58	4.59	0.01	4.59	9.69	26.93	0.97	0.000	0.000	0.000
459	4.59	4.60	0.01	4.60	9.68	27.04	0.97	0.000	0.000	0.000
460	4.60	4.61	0.01	4.61	9.68	27.10	0.97	0.000	0.000	0.000

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	M _(CPT) (MPa)	Iz	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
461	4.61	4.62	0.01	4.62	9.68	27.33	0.97	0.000	0.000	0.000
462	4.62	4.63	0.01	4.63	9.68	27.74	0.97	0.000	0.000	0.000
463	4.63	4.64	0.01	4.64	9.68	28.59	0.97	0.000	0.000	0.000
464	4.64	4.65	0.01	4.65	9.67	29.53	0.97	0.000	0.000	0.000
465	4.65	4.66	0.01	4.66	9.67	30.45	0.97	0.000	0.000	0.000
466	4.66	4.67	0.01	4.67	9.67	30.98	0.97	0.000	0.000	0.000
467	4.67	4.68	0.01	4.68	9.67	31.48	0.97	0.000	0.000	0.000
468	4.68	4.69	0.01	4.69	9.67	32.07	0.97	0.000	0.000	0.000
469	4.69	4.70	0.01	4.70	9.66	31.86	0.97	0.000	0.000	0.000
470	4.70	4.71	0.01	4.71	9.66	31.29	0.97	0.000	0.000	0.000
471	4.71	4.72	0.01	4.72	9.66	30.26	0.97	0.000	0.000	0.000
472	4.72	4.73	0.01	4.73	9.66	29.77	0.97	0.000	0.000	0.000
473	4.73	4.74	0.01	4.74	9.66	29.18	0.97	0.000	0.000	0.000
474	4.74	4.75	0.01	4.75	9.66	28.65	0.97	0.000	0.000	0.000
475	4.75	4.76	0.01	4.76	9.65	28.24	0.97	0.000	0.000	0.000
476	4.76	4.77	0.01	4.77	9.65	27.98	0.97	0.000	0.000	0.000
477	4.77	4.78	0.01	4.78	9.65	27.43	0.96	0.000	0.000	0.000
478	4.78	4.79	0.01	4.79	9.65	26.85	0.96	0.000	0.000	0.000
479	4.79	4.80	0.01	4.80	9.65	26.28	0.96	0.000	0.000	0.000
480	4.80	4.81	0.01	4.81	9.64	26.00	0.96	0.000	0.000	0.000
481	4.81	4.82	0.01	4.82	9.64	25.70	0.96	0.000	0.000	0.000
482	4.82	4.83	0.01	4.83	9.64	25.27	0.96	0.000	0.000	0.000
483	4.83	4.84	0.01	4.84	9.64	24.85	0.96	0.000	0.000	0.000
484	4.84	4.85	0.01	4.85	9.64	24.48	0.96	0.000	0.000	0.000
485	4.85	4.86	0.01	4.86	9.63	24.28	0.96	0.000	0.000	0.000
486	4.86	4.87	0.01	4.87	9.63	24.05	0.96	0.000	0.000	0.000
487	4.87	4.88	0.01	4.88	9.63	23.93	0.96	0.000	0.000	0.000
488	4.88	4.89	0.01	4.89	9.63	23.93	0.96	0.000	0.000	0.000
489	4.89	4.90	0.01	4.90	9.63	24.01	0.96	0.000	0.000	0.000
490	4.90	4.91	0.01	4.91	9.62	24.05	0.96	0.000	0.000	0.000
491	4.91	4.92	0.01	4.92	9.62	24.15	0.96	0.000	0.000	0.000
492	4.92	4.93	0.01	4.93	9.62	24.36	0.96	0.000	0.000	0.000
493	4.93	4.94	0.01	4.94	9.62	24.85	0.96	0.000	0.000	0.000
494	4.94	4.95	0.01	4.95	9.62	25.38	0.96	0.000	0.000	0.000
495	4.95	4.96	0.01	4.96	9.61	25.89	0.96	0.000	0.000	0.000
496	4.96	4.97	0.01	4.97	9.61	26.14	0.96	0.000	0.000	0.000
497	4.97	4.98	0.01	4.98	9.61	26.24	0.96	0.000	0.000	0.000
498	4.98	4.99	0.01	4.99	9.61	26.23	0.96	0.000	0.000	0.000
499	4.99	5.00	0.01	5.00	9.61	26.18	0.96	0.000	0.000	0.000
500	5.00	5.01	0.01	5.01	9.60	26.12	0.96	0.000	0.000	0.000
501	5.01	5.02	0.01	5.02	9.60	26.03	0.96	0.000	0.000	0.000
502	5.02	5.03	0.01	5.03	9.60	25.97	0.96	0.000	0.000	0.000
503	5.03	5.04	0.01	5.04	9.60	25.98	0.96	0.000	0.000	0.000
504	5.04	5.05	0.01	5.05	9.59	26.07	0.96	0.000	0.000	0.000
505	5.05	5.06	0.01	5.06	9.59	26.18	0.96	0.000	0.000	0.000
506	5.06	5.07	0.01	5.07	9.59	26.24	0.96	0.000	0.000	0.000

:: Tabular results ::

Point No	Start depth (m)	End depth (m)	Thickness (m)	Relative depth (m)	Delta P (kPa)	$M_{(CPT)}$ (MPa)	I_z	Settlement (cm)	Second. settlement (cm)	Overall settlement (cm)
507	5.07	5.08	0.01	5.08	9.59	26.32	0.96	0.000	0.000	0.000
508	5.08	5.09	0.01	5.09	9.59	26.31	0.96	0.000	0.000	0.000
509	5.09	5.10	0.01	5.10	9.58	26.17	0.96	0.000	0.000	0.000
510	5.10	5.11	0.01	5.11	9.58	25.66	0.96	0.000	0.000	0.000
511	5.11	5.12	0.01	5.12	9.58	25.10	0.96	0.000	0.000	0.000
512	5.12	5.13	0.01	5.13	9.58	24.50	0.96	0.000	0.000	0.000
513	5.13	5.14	0.01	5.14	9.58	24.14	0.96	0.000	0.000	0.000
514	5.14	5.15	0.01	5.15	9.57	23.80	0.96	0.000	0.000	0.000
515	5.15	5.16	0.01	5.16	9.57	23.58	0.96	0.000	0.000	0.000
516	5.16	5.17	0.01	5.17	9.57	23.51	0.96	0.000	0.000	0.000
517	5.17	5.18	0.01	5.18	9.57	23.91	0.96	0.000	0.000	0.000
518	5.18	5.19	0.01	5.19	9.56	24.59	0.96	0.000	0.000	0.000
519	5.19	5.20	0.01	5.20	9.56	25.46	0.96	0.000	0.000	0.000
520	5.20	5.21	0.01	5.21	9.56	26.14	0.96	0.000	0.000	0.000

Total primary settlement: 1.43**Total secondary settlement: 0.00****Total calculated settlement: 1.43****Abbreviations**

Start depth:	Start depth of soil layer (penetration depth measured from ground free surface)
End depth:	End depth of soil layer (penetration depth measured from ground free surface)
Thickness:	Thickness of soil layer
Relative depth:	Depth of calculation relative to footing
I_z :	Stress influence factor
Delta P:	Footing imposed stress:
Eff. stress:	Effective stress
$M_{(CPT)}$:	Constrained modulus from CPT
Settlement:	Primary settlement
Second. settlement:	Secondary settlements due to creep

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